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THE PRESENT LAND USE OF PENINSULAR MALAYSIA

I. F. T. WONG

VOLUME I – TEXTS

MINISTRY OF AGRICULTURE
PENINSULAR MALAYSIA



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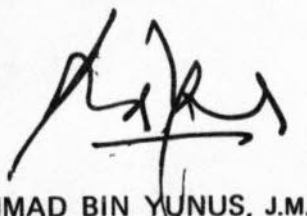
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FOREWORD

This is the second of a series of land use reports on Peninsular Malaysia. The first, which was produced in 1969, is now outdated in the wake of substantial land use changes which have taken place in the ensuing years. The changes have resulted from the Malaysian Government's efforts at providing land for the landless and the encouragement given to the development of the agricultural sector which presently offers the highest employment opportunities to a strongly rural-based population.

The land use survey, carried out after an interval of eight years, has shown the remarkable changes that have taken place in the peninsula. Comparisons of changes since 1966 have been made not only at the regional and State levels but, within each State, the changes have been traced to the smallest administrative unit – the mukim.

This stocktaking of the land use of Peninsular Malaysia has been synthesized into a series of statistical tables and a new set of maps which will no doubt be invaluable to planners and professionals concerned with land use planning and development. In providing a new set of benchmark data, the 1974 land use survey fulfills the need for a periodic evaluation of the progress of land development programmes in the country.



(AHMAD BIN YUNUS, J.M.N., K.M.N.)
Acting Director-General of Agriculture,
Peninsular Malaysia.

ACKNOWLEDGEMENT

This report is the result of the efforts of a team of more than 30 persons who were directly involved with the interpretation of the aerial photos, field checking, data transfer, area measurement and map production. Without their untiring efforts it would not have been possible to compile this report. The encouragement given by the directors of the Soils and Analytical Services Branch and by the Directors-General of Agriculture has also been a source of stimulation to complete the job. Last but not least grateful thanks are due to the typists for their willingness to type the many drafts which this report has gone through.

GLOSSARY

FELDA	–	Federal Land Development Authority.
FELCRA	–	Federal Land Consolidation and Rehabilitation Authority.
RISDA	–	Rubber Industry Smallholders' Development Authority.
SEDC	–	State Economic Development Corporation.
PADI	–	Paddy rice
SUNGAI	–	River
KAMPONG	–	Village
DUSUN	–	Orchard
LADANG (as in ladang cultivation for diversified crops)	–	field
LALANG	–	Local grass (Imperata cylindrica)
PERMATANG	–	Sandy beach ridges
BUKIT	–	Hill
GELAM	–	Swamp vegetation commonly associated with acid sulphate soils.

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PG10.1	" " " " " "	Tengah (")	509 – 512
PG12.1	" " " " " "	Utara (")	521 – 523
PS2.1	" " " " " "	Perlis (Perlis)	466 – 469
SL4.1	" " " " " "	Gombak (Selangor)	534
SL6.1	" " " " " "	Kelang (")	538
SL8.1	" " " " " "	Kuala Langat (")	542 – 543
SL10.1	" " " " " "	Kuala Selangor (")	548 – 549
SL12.1	" " " " " "	Petaling (")	555
SL14.1	" " " " " "	Sabak Bernam (")	559
SL16.1	" " " " " "	Sepang (")	564
SL18.1	" " " " " "	Ulu Langat (")	568 – 569
SL20.1	" " " " " "	Ulu Selangor (")	574 – 576
SL22.1	" " " " " "	Wilayah Persekutuan (") ...	583
TU4.1	" " " " " "	Besut (Terengganu)	591 – 594
TU6.1	" " " " " "	Dungun (")	603 – 604
TU8.1	" " " " " "	Kemaman (")	610 – 611
TU10.1	" " " " " "	Kuala Terengganu(")	617 – 621
TU12.1	" " " " " "	Marang (")	631
TU14.1	" " " " " "	Ulu Terengganu (")	635 – 636

MUKIM SUMMARY OF AGRICULTURAL LAND USE

JR5.1	Mukims in the district of	Batu Pahat (Johor)	38 – 41
JR7.1	" " " " " "	Johor Bahru (")	46 –48
JR9.1	" " " " " "	Keluang (")	53 – 55
JR11.1	" " " " " "	Kota Tinggi (")	61 – 63
JR13.1	" " " " " "	Mersing (")	69 – 72
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JR17.1	" " " " " "	Pontian (")	87 – 89
JR19.1	" " " " " "	Segamat (")	94 – 96
KH5.1	" " " " " "	Baling (Kedah)	105 – 106
KH7.1	" " " " " "	Bandar Bharu (")	112
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INTRODUCTION

The land use survey of Peninsular Malaysia accomplished through the interpretation of aerial photographs taken in 1974 – 1975 is the second of its kind for this part of Malaysia. The first survey, also based on aerial photography of 1966 – 1967 was completed in 1969. Land use changes have since taken place particularly through the Government's land development agencies such as FELDA, FELCRA, RISDA and SEDC's. These agencies have been responsible for the major share of new land development schemes which have mostly been developed from primary jungle. The private sector, principally commercial estates, have also effected changes; these changes have, however, been mainly in the form of conversions from the cultivation of rubber to oil palm. Coconut estates which have, till recently, been following a policy of monoculture have begun to intercrop the coconut palms with cocoa.

The rapid changes in land use brought about by the Government's land development policy and the private commercial estates have made it necessary to revise the maps and statistics of land use in Peninsular Malaysia. The revised information will allow a re-evaluation of the progress of Government's land development implementation programmes and also update the information on the extent and distribution of land use in the peninsula for further land use planning.

While the original classification legend has remained relatively unchanged, minor subdivisions have been attempted in an endeavour to record the progress of the implementation of development plans in the agricultural sector. Major perennial crops particularly rubber, oil palm and coconuts have accordingly been subdivided into young, mature and old areas. Similar treatment for other crops such as coffee, pineapples, tea and cocoa would also have been made had the scale of photography been larger.

Experience gained from the 1966 survey has been extremely valuable in this revision particularly in reducing the frequency of field checks. While a number of field checks were necessary these trips were concerned mainly with the confirmation of new subdivisions in the classification legend (e.g. young, mature and senile or moribund rubber areas). The increase in cocoa cultivation as an intercrop of coconuts has also warranted excursions for ground truth confirmation.

Unlike the procedure adopted for the 1966 survey where eleven individual State reports were produced with one regional report for the whole peninsula, only one comprehensive report is produced for the 1974 survey. Much of the physical and cultural features of the individual States have not changed significantly and so their descriptions have been extracted and reproduced here with only minor modifications.

The report is in two volumes. Volume I consists of the textual descriptions and statistical data. Volume II contains the maps at two scales; those at the 1:126,720 (1 inch to 2 miles) scale are for individual States; the ones at the 1:500,000 scale cover the entire peninsula.

Geography

Peninsular Malaysia is located at the southern end of the Malay Peninsula which is at the southern extremity of Southeast Asia. It extends from 1° 15'N to 6° 45'N latitudes and 99° 40'E to 104° 35'E longitudes (Fig. 1). To the east it is bounded by the South China Sea; to the west by the Straits of Melaka. It shares a common boundary with Thailand in the north and is separated from the island of Singapore, in the south, by the narrow Straits of Johor.

Peninsular Malaysia covers an area of 127,560 square kilometres or 50,413 square miles. Its greatest length is 736 km or 460 miles (from Perlis in the north to the Straits of Johor in the south) while its maximum width is 322 km or 200 miles (from the Dinding coast in Perak to Tanjong Penunjok in Terengganu). Its coastline extends some 1,930 kilometres (1,200 miles).

Politically Peninsular Malaysia consists of eleven of the thirteen Malaysian States the other two States, Sabah and Sarawak, being located on the island of Borneo. These eleven states have been subdivided into 75 administrative districts (Fig. 2) which in turn have been further subdivided into 841 mukims. Among the eleven states in the peninsula the largest is the State of Pahang (Fig. 2). But as indicated in Table 1, the extent of agricultural development is not proportional to the size of a state. Greatest development has taken place in the west coast states of Perlis, Kedah, Pulau Pinang & Seberang Prai, Perak, Selangor, Negeri Sembilan and Melaka together with the southern state of Johor, comparatively less having occurred in the east coast states of Pahang, Terengganu and Kelantan.

Table 1. Extent of agricultural development by States

State	Total Area (acres)	Agricultural Land Use	
		Acreage	%
Johor	4,730,569	2,155,417	45.6
Kedah	2,341,875	1,119,193	47.8
Kelantan	3,713,679	690,123	18.6
Melaka	407,806	325,771	79.9
Negeri Sembilan	1,646,953	760,169	46.2
Pahang	8,890,848	1,312,684	14.8
Perak	5,178,032	1,391,188	26.9
Perlis	200,225	128,225	64.0
P. Pinang & S. Prai	258,022	182,836	70.9
Selangor	2,034,154	884,288	43.5
Terengganu	3,199,086	487,953	15.3
Total	32,601,249	9,437,847	28.9

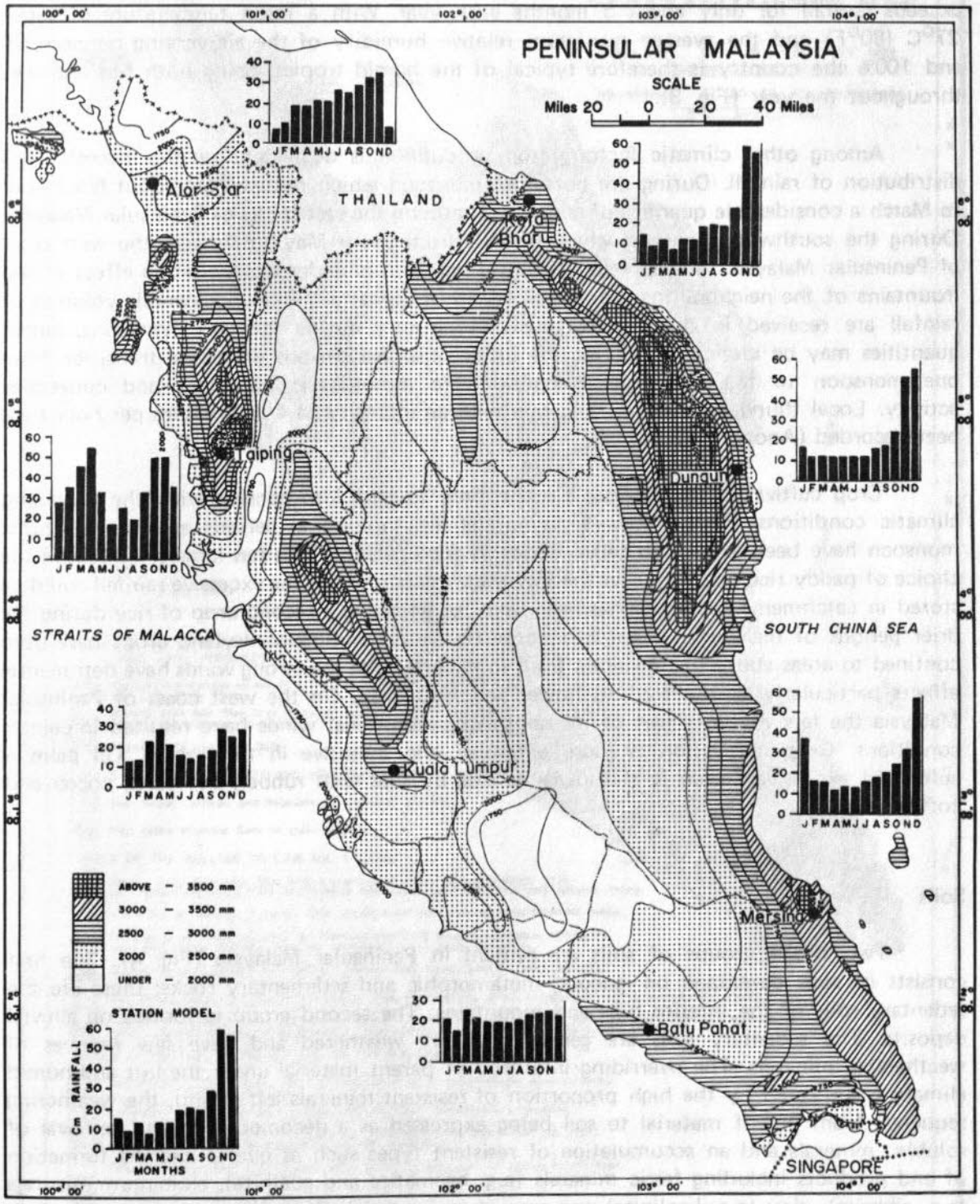


Fig. 3. Monthly and annual rainfall distribution of Peninsular Malaysia.

Climate

The climatic conditions in Peninsular Malaysia have been described as equatorial with rain from both the northeast and southwest monsoons. The highest rainfall exceeds 5,000 mm (200 inches) and the lowest is about 1,750 mm or 70 inches (Dale, 1959; Wycherley, 1969). Only in the extreme north is there a well marked dry season and even there evaporation exceeds rainfall for only about 3 months each year. With a mean temperature of about 27°C (80°F) and the average maximum relative humidity of the air varying between 94 and 100% the country is therefore typical of the humid tropics, being both hot and wet throughout the year (Fig. 3).

Among other climatic factors, crop production is dependent on the intensity and distribution of rainfall. During the northeast monsoon which occurs from about November to March a considerable quantity of rain precipitates on the east coasts of Peninsular Malaysia. During the southwest monsoon which prevails from about May to August, the west coast of Peninsular Malaysia receives relatively little rain as it is under the sheltering effect of the mountains of the neighbouring Indonesian Island of Sumatra. While considerable volumes of rainfall are received in different parts of the country during the two monsoons, larger quantities may be intercepted during the intermonsoonal periods when the transition from one monsoon to the other causes considerable atmospheric instability and convective activity. Local thunderstorms bringing rain with an intensity of 4 to 6 inches per hour have been recorded (Anon. 1961).

Crop cultivation in Malaysia has therefore to take into consideration the prevailing climatic conditions. Heavy showers during the intermonsoonal periods and the northeast monsoon have been known to cause floods in the lowlands. This has largely influenced the choice of paddy rice cultivation in the lowlands. In areas where the excessive rainfall could be stored in catchments the water has been used for irrigating a second crop of rice during the drier periods of the year. Except for coconuts, the cultivation of dryland crops have been confined to areas above the lowlands. Even so the effects of the strong winds have detrimental effects particularly with regard to flower and fruit drop. On the west coast of Peninsular Malaysia the less violent effect of the southwest monsoonal winds have resulted in calmer conditions. Crop cultivation is more extensive and intensive in this region. Oil palm is cultivated extensively even in the lowlands side by side with rubber, coconuts, cocoa and coffee.

Soils

Two broad groups of soils are evident in Peninsular Malaysia (Fig. 4). The first consists of soils developed on igneous, metamorphic and sedimentary rocks; these are the sedentary soils of the interior hills and mountains. The second group is formed on alluvial deposits. The sedentary soils are generally deeply weathered and have few reserves of weatherable minerals. The overriding influence of parent material under the hot and humid climate is indicated by the high proportion of resistant minerals left in situ, the weathering sequence from parent material to soil being expressed as a decomposition and removal of soluble minerals and an accumulation of resistant types such as quartz and the formation of end products including ferric minerals (e.g. haematite and goethite), aluminium minerals (e.g. gibbsite), clay (e.g. kaolinite) and amorphous material. Of common occurrence in such soils therefore is the presence of iron concretions or laterite which could be in the form of loose concretions or indurated masses. Although the sedentary soils are generally very deep (20 metres or more), they have low base saturation and relatively low cation exchange capacity (Dudal and Moorman, 1964; Coulter, 1972; Law & Tan, 1975). Because of the thickness of the profile most of the sedentary soils are capable of supporting deep rooting crops such as rubber. The depth of the profile and the suitable range of structural development

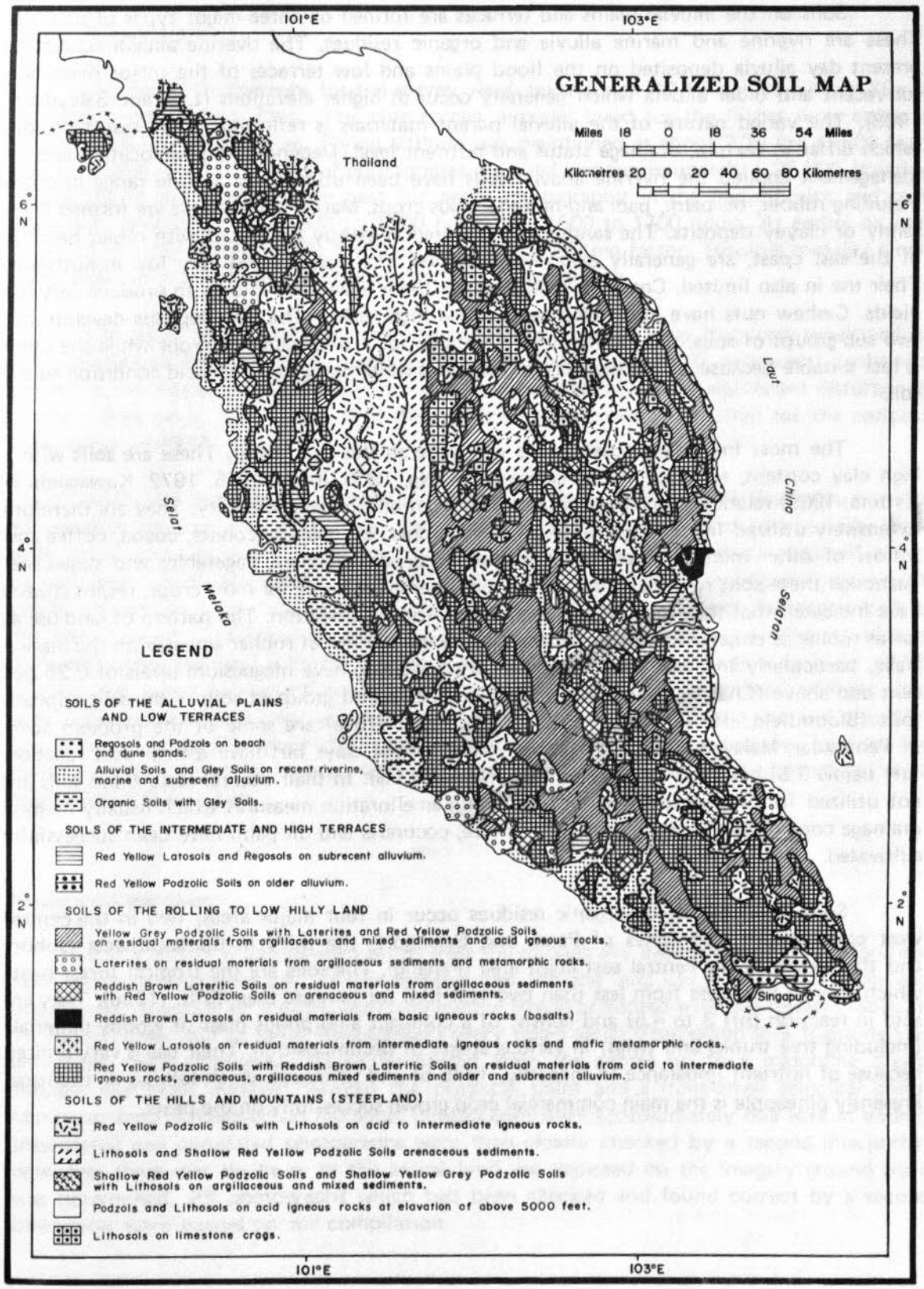


Figure. 4. Generalized soil map of Peninsular Malaysia.

for adequate moisture retention has been the prime factors governing the suitability of these soils for sustained cultivation (Wong, 1974).

Soils on the alluvial plains and terraces are formed on three major types of deposits. These are riverine and marine alluvia and organic residues. The riverine alluvia consist of present day alluvia deposited on the flood plains and low terraces of the major rivers and sub-recent and older alluvia which generally occur at higher elevations (Law and Selvadurai, 1968). The varied nature of the alluvial parent materials is reflected in the resultant soils which differ in texture, drainage status and nutrient level. Depending on the location and the management applied the riverine alluvial soils have been utilized for a wide range of crops including rubber, oil palm, padi and miscellaneous crops. Marine alluvial soils are formed from sandy or clayey deposits. The sandy deposits, predominantly associated with raised beaches of the east coast, are generally excessively drained, structureless and very low in nutrients. Their use in also limited. Coconuts cultivated on them have been known to produce very low yields. Cashew nuts have also failed to produce high yields. The clay deposits develop into two sub-groups of soils, one, which is very suitable for a wide range of crops while the other is less suitable because of the presence of sulphates which imparts a high acid condition to the soil.

The most important coastal soils are those in the first group. These are soils with a high clay content, some being 2:1 lattice clays (Ng, 1965; Anon, 1966, 1972; Kawaguchi & Kyuma, 1969) relatively high base saturation and cation exchange capacity. They are therefore extensively utilized for the cultivation of padi, rubber, oil palm, coconuts, cocoa, coffee and a host of other minor tropical crops including bananas, tapioca, vegetables and sugarcane. Although these soils have been thought to be generally suitable for most crops, recent studies have indicated that they are not so suitable for rubber cultivation. The pattern of land use as far as rubber is concerned will eventually show a diminution of rubber acreages on the marine clays, particularly in areas where the clays are known to have magnesium levels of 0.25 per cent and above (Chan and Pushparajah, 1972). The second group of soils – the acid sulphate soils (Bloomfield, 1967; Chow, 1968; Kanapathy, 1975 a) are some of the problem soils in Peninsular Malaysia. They are derived from marine clays but have a high acid reaction (pH below 3.5) and high sulphate content (above 0.1%). In their natural state these soils are not utilized for crop production. But following amelioration measures which usually include drainage control and liming, crops such as rice, coconuts and oil palm have been successfully cultivated.

Soils developed from organic residues occur in four major areas, two in the central west coast region (the states of Perak and Selangor), the third in the southwest (Johor) and the fourth in the central east coast area (Pahang). The soils are the tropical forest peats which vary in thickness from less than two feet (0.6 m) to more than 40 ft. (12 m). They are acid in reaction (pH 3 to 4.5) and consist of a compact amorphous mass of woody materials (including tree trunks and twigs) in various stages of decomposition. Their use is very limited because of nutrient imbalance (Kanapathy, 1975 b) and shrinkage which follows on drainage. Presently pineapple is the main commercial crop grown successfully on the peats.

METHODOLOGY OF SURVEY

Aerial Photographs

The aerial photographs for the survey were taken by an RC 10 camera with an 88 mm lens and a minus blue filter. The commercial aircrafts hired for the flights were either a Cessna 402B or a Piper Aztec. Flying altitude was maintained at about 2.25 km (7,500 feet) above sea level so that the scale of photographs obtained was approximately 1:25,000. Weather conditions in the peninsula are best for aerial photography in the mid-morning and mid-afternoon periods i.e. from 800 to 1100 hours and 1500 to 1700 hours. At earlier or later hours of the day available light for photography is a limiting factor. Towards mid-day cloud cover prevents the taking of continuous series of photographs.

The aerial photographs for the revision survey covered areas that were developed or were earmarked for productive forest production. Large sections of permanent protective forests in the mountainous interior were not covered as there was no significant disturbance of the forest since 1966. More than 80% of the photo coverage required for the revision were taken in 1974.

While the programme for medium scale aerial photographs was carried out a number of agencies dealing with agricultural development were also interested in obtaining large scale aerial photographs. The Muda Agricultural Development Authority obtained a set of low level aerial photographs (1:6,000) for a survey of effective padi growing areas. A similar set of low level (1:10,000) aerial photos were also taken of north Kelantan which is the main area of agricultural development particularly of padi. Work on a third set (also at 1:10,000 scale) was also initiated for the West Johore Region. The large scale aerial photo imagery was easier to capture as there was less cloud cover at the lower level of flight. Not only were the low level photographs easier to interpret in terms of land use but they also served to fill in gaps in the higher level (1:25,000) photo coverage which was used for the revision of the peninsula's overall land use survey. All the low level aerial photographs were taken with a 6 inch lens.

Photo Interpretation

The 9 inch x 9 inch contact prints were stereoscopically inspected under x3 magnification mirror stereoscopes and x2 lens stereoscopes and the land use depicted on them was interpreted according to the land use classification legend presented with this report (Table 2). To reduce error due to radial displacement every single aerial photograph in a flightline was annotated, each photograph being annotated from the centre up to a matchline drawn through the point midway between the principal point and a transferred principal point. Minimum areas delineated on the aerial photographs were approximately one acre in extent. Interpreted and annotated photographs were then closely checked by a second interpreter. Whenever there was doubt as to the actual land use depicted on the imagery ground truth was determined. All photographs which had been checked and found correct by a second interpreter were passed on for compilation.

Map Manuscript Compilation

The ready availability of topographical map bases at a scale of 1:25,000 has facilitated the compilation of land use units from interpreted aerial photographs of similar scale. For

imagery of areas with considerable relief differentiation radial line plotters were used for map compilation. Floodplain and coastal plain areas were mapped by means of a stereo-sketchmaster and opaque projectors. The manuscripts were on dimensionally stable film on which a certain amount of planimetric detail (including political and administrative boundaries) had been traced from the topographical map base; this would facilitate future field orientation of the final maps besides enabling acreage counts to be made for the smallest administrative unit, namely, the Mukim.

Initial map manuscript compilation results in a pencil-drawn map. Inking is then carried out over the pencil lines while a check is made for correctness of symbols and boundary transfers. Each completed map manuscript is then reproduced on dyeline paper and checked by hand colouring. Corrections particularly for redundant boundary lines or omissions are usually made at this stage. Completed map manuscripts are then passed on for area measurement.

Area Measurement and Tabulation

Measurement of land use units on the 1:25,000 map manuscripts is carried out by means of a dot grid which is superimposed on the map manuscript. Acreage counts for each unit is carried out twice and by different operators. These two counts are recorded on a dyeline copy of the manuscript and an average of the two counts is taken as the required figure which is also shown on the dyeline copy. A separate exercise is also carried out to check that the cumulative physical acreage of all the individual counts of the sub-categories equals that of the total physical acreage of the gridded sheet.

A Crop Equivalent Factor has been included in the computation of crop acreages; this factor has been included to take into account an increase in density of cropping resulting from intercropping in area where the density of the major crop has not been reduced. The crop equivalent factor applies particularly to areas where a tree crop has been intergrown with a low crop. For example, coconut palms are normally planted with a spacing of 30 feet by 30 feet (10m x 10m). The interrow spaces are therefore available for the cultivation of four rows of coffee bushes spaced 6 feet (2m) apart or three rows of cocoa bushes spaced 9 feet (3m) apart. In such cases the "low" crop is taken to occupy 75 per cent of the physical area of the field and the "high" crop 100 per cent; thus, in a ten-acre lot it would be computed that there are 10 acres of coconuts and 7.5 acres of coffee or cocoa, giving a total equivalent acreage of 17.5 for the two crops.

Map Production

Maps at four different scales are produced from the survey – manuscripts at 1:25,000 scale, fairdrawn reductions at 1:63,360, and colour printed maps at 1:126,720 (1 inch: 2 miles) and 1:500,000.

- Manuscripts at 1:25,000 scale are produced on dimensionally stable film on which a sufficient amount of planimetric detail for field orientation has been traced from a topographic map base. The boundary lines for each land use unit is inked in over previously drawn pencil lines. As such the maps do not have the neatness nor the uniformity in thickness of lines produced on fairdrawn maps. The total coverage of Peninsular Malaysia consists of 728 map sheets. Only 649 sheets were drawn as these depict more than one category of land use while the remaining 79 sheets were not drawn because the whole sheet was covered by forest.

- Fairdrawn maps at 1:63,360 (or 1 inch to 1 mile) scale were produced for correlation of land use with soils information which have been produced at that scale. This is also the scale of a National Topographical Map Series. Maps at this scale are not reproduced in large numbers. They are reproduced as dyeline copies upon individual requests only.

- Colour printed maps at 1:126,720 scale are produced on a State basis and are presented in Volume II of this report. These maps are aimed at providing regional planners and other professionals with a broad overall view of the land use within each State.

- A colour printed map at a scale of 1:500,000 is also produced as an overall summary of land use in the peninsula. This map which is also included in Volume II forms one of a series of maps produced by resource departments in the country including geology and forestry. Correlation of the various natural physical resources of the peninsula is therefore facilitated by the production of maps at this common scale.

THE LAND USE CLASSIFICATION LEGEND

Background

The Land Use Classification, developed for Peninsular Malaysia, is one based on the format recommended by the Commission on World Land Use Survey for international application (International Geographical Union, 1952). It has been modified to suit conditions of land use in Peninsular Malaysia. Broad groupings have been retained as far as possible while detail subdivisions have been governed by the purity or complexity of the land use or scale of photography. The obvious advantage in making the modifications is that actual photo interpretation and subsequent mapping will be immediately readable and understandable to a wide and growing group of specialists continually dealing with land use classification, land capability and agricultural development programmes.

The development of the classification legend for the survey dates back to 1966 when the first survey of this nature was carried out in the country. In this revision an attempt is made to highlight three different stages of growth of the three major tree crops in the country, namely, rubber, oil palm and coconuts. While the three stages of growth young, mature and senile – of these tree crops are indicated on the larger scale maps cartographic limitations imposed by scale reductions have made it necessary to generalise them in the 1:126,720 and 1:500,000 scale maps presented with this report. However, as the area measurement has been carried out on the basis of 1:25,000 scale map manuscripts the tabulated statistics show the absolute acreages and their relative proportions according to the three stages of growth. This legend, while allowing photo interpretation to be accomplished with the minimum of deliberation and keeping field checking to a minimum, enables the identification of all categories necessary for the subsequent compilation of meaningful land use mapping and area measurements.

Classification Modifications

Three changes in nomenclature were considered necessary. First, the Commission's category 6, "Unimproved Grazing Land", has been re-named "Grasslands" because, although it is possible to interpret and map areas of low vegetative cover that might or might not be used for grazing, it is not always possible to accurately determine whether or not these areas are actually used for this purpose. In fact most small herds of cattle graze within and on the boundaries of some of the other categories, e.g. on road right of ways, within settlement areas, smallholdings and harvested padi fields. Second, the Commission's category 7, "Woodlands", has been re-named "Forest Lands" as the term is more appropriate for the type of natural vegetation occurring in this region than the term "woods".

Table 2.

THE LAND USE CLASSIFICATION LEGEND

1. **Settlements and Associated Non-Agricultural Lands (Shades of Red) ***

1U	:	Urban and Associated Areas
1E	:	Estate Buildings and Associated Areas
1T	:	Tin Mining Areas
1X	:	Other Mining and Quarrying Areas
1P	:	Power Line Right of Ways

2. **Horticulture (Shades of Deep Purple)**

2H	:	Mixed Horticulture
2M	:	Market Gardening
2E	:	Agricultural Stations

3. **Tree, Palm and Other Permanent Crops (Shades of Light Purple)**

3Gy	:	Young Rubber
3Gm	:	Mature Rubber
3Gs	:	Senile or moribund Rubber
30y	:	Young Oil Palm
30m	:	Mature Oil Palm
30s	:	Senile or Moribund Oil Palm
3Cy	:	Young Coconut
3Cm	:	Mature Coconut
3Cs	:	Senile or Moribund Coconut
3N	:	Pineapple
3T	:	Tea
3K	:	Coffee
3A	:	Cocoa
3P	:	Pepper
3Y	:	Sugarcane
3X	:	Orchards – (Rambutan, Durian, Citrus, Clove, Nutmeg, etc.)
3F	:	Fibre Crops
3S	:	Sago Palm
3B	:	Banana
3H	:	Fish and Hyacinth Ponds
3R	:	Arecanut

4. **Cropland (Shades of Brown)**

4P	:	Padi
4C	:	Diversified Crops
4X	:	Shifting Cultivation

5. **Improved Permanent Pasture (Hatched Yellow)**

* Colour scheme adopted for mapping.

6. **Grasslands (Yellow)**

6 : Lalang, Unimproved Coarse Pasture and Scrub Grassland

7. **Forest Lands (Shades of Green)**

7F : Forest
7S : Scrub Forest
7C : Recently Cleared Land (Black Hatching – No Colour)

8. **Swamps, Marshlands and Wetland Forests (Blue-Green)**

8 : Wetland and Forest Associations, including Mangrove, Nipah and Gelam

9 : Unused Land (grey)

Third, the Commission's category 9, "Unproductive Land", has been renamed "Unused Land" as such land presently shows no indication whatsoever of being utilized.

The sub-categorization of category 7 "Forest Lands" has been kept to a minimum with the knowledge that the National Forestry Department are in fact concurrently executing a comprehensive forestry classification from the interpretation of the same photography. The sub-category "shifting cultivation", however, has been included under category 4, "Cropland" since only areas showing active cultivation have been included under this sub-category, and as such, this would be a form of land use under which food crops are produced.

Category 8, "Swamps and Marshes", has been enlarged in concept to include all poorly drained land exhibiting seasonal or permanent waterlogging. It seems illogical to include this type of vegetation in the forest category since its land use potential is different from that of a dryland forest.

The Legend

Table 2 indicates the classification legend adopted for the interpretation of the land use depicted on the 1974 aerial photographs of Peninsular Malaysia and the colour scheme followed for the subsequent mapping.

1. **Settlements and Associated Non-Agricultural Lands**

1U : **Urban and Associated Areas**

The truly built-up areas of cities, towns, kampongs, including associated and surrounding parks and open spaces, detached industrial sites, settlement areas, reservoirs, etc. Areas obviously in the process of urban development showing evidence of a road pattern and house lots but presently without building are also included.

Fringes of urban centres, strip development and most kampongs may be included in the sub-category "Mixed Horticulture" if more than 50% of the land is under horticultural use.

1E : Estate Buildings and Associated Areas

All areas of estate housing, schools, hospitals, administrative buildings and recreational land. When groups of these exceed one acre they are interpreted but individual and isolated buildings occupying less than this area are ignored.

On agricultural settlement schemes such as those established and operated by FELDA, the administrative, processing and recreational buildings and lands are mapped under this sub-category. The house lots and buildings of settlers are also included if these areas show no sign of cultivation; otherwise such areas are mapped under the mixed horticulture sub-category since they are used by the settlers for the cultivation of mixed crops for home consumption.

1T : Tin Mining Areas

All areas previously laid waste and devoid of vegetation, areas being worked at present, and cleared land obviously designated for tin mining. Within these areas all water bodies greater than one acre are identified and given the code (W).

1X : Other Mining and Quarrying Areas

All other areas showing mining and/or quarrying activity other than for tin.

1P : Power Line Right of Ways

Power lines or transmission lines of a width greater than one hundred feet are interpreted where they interrupt the land use of the areas they traverse. If there is no disruption of the land use activity the presence of a power line is ignored, e.g. a wide power line crossing a block of padi may not prevent the homogeneous development of the padi area. When a transmission line traverses and interrupts the continuous activity of a sub-category then the actual land use of the line is indicated in parenthesis, e.g. 1P (6) would indicate a power line swath with a ground cover of grassland.

2. Horticulture

2H : Mixed Horticulture

This is a very wide and extensive sub-category including all the typical diversified "garden cultivation" found in a haphazard fashion around a family dwelling. It may be better visualised if it is realised that the terms, "Dusun", "Minor Cultivation", "Domestic Cultivation" and "Domestic Horticulture" were all considered as possible descriptions.

The essential features include the family settlement unit with cultivation in the immediate surrounding compound consisting of diversified crops for family needs with the possibility of small surpluses being sold locally. Included are mixed vegetables, yams, tapioca, chillies, pineapples, fruit trees, bananas, papayas, coconuts etc.

The complexity of this sub-category changes according to geographical location, soil condition, local traditions and private requirements but the essential feature is always diversification and the activity is intense and focused around the family dwelling.

Often this sub-category, although existing, is completely overshadowed by the importance of the activity within which it exists. For example, if it is present in small patches within an area of intense smallholding coconuts, then the area will merely be designated as coconuts. Also, where units of more than one acre of other sub-categories appear with a background of "Mixed Horticulture", they are then, of course, separately identified. It is not uncommon to find twenty-acre lots of smallholding coconuts, rubber and orchards within and on the periphery of "Mixed Horticulture".

The most common location is along roads, waterways and on the better drained site of padi areas. Frequently this type forms buffer strips between estate and smallholding crops.

The interpreter's decision to designate an area as mixed horticulture is taken when homogeneous units of other sub-categories are not discernible and the intense land use activity is focused around rural settlement. Mixed tree crops (often very dense) intermingled with small garden plots, footpaths and housing are the cumulative criteria necessary for designation as mixed horticulture.

2M : Market Gardening

Areas where the obvious emphasis is on the commercial production of fresh vegetables. The pattern is one of intense neatness and use with individual units being small. These areas should not be confused with the larger areas of "Diversified Cropland" (4C) where the individual units are bigger and "high" crops such as tapioca, sugarcane and maize are obvious.

Most market garden areas occur in or near large urban centres or in mountain areas favourable to temperate zone crops. In these latter areas, the market garden sub-category includes commercial flower gardens.

2E : Government Agricultural Stations

These vary in size according to purpose. Small stations of one to two acres have been established as outposts and servicing centres for the channelling of technical publications and subsidies to farmers in the surrounding areas. Larger units have wider activities which may include demonstration plots, field verification trials, research into newly introduced crops, production of planting materials and stock seeds or multiplication of stock materials for research, hybridization and large scale production. While some stations concentrate on monoculture (e.g. oil palm, coconut and padi), the majority practise multiple cropping. The outline of a station is usually based on available maps since some stations may still have land reserves that are as yet undeveloped.

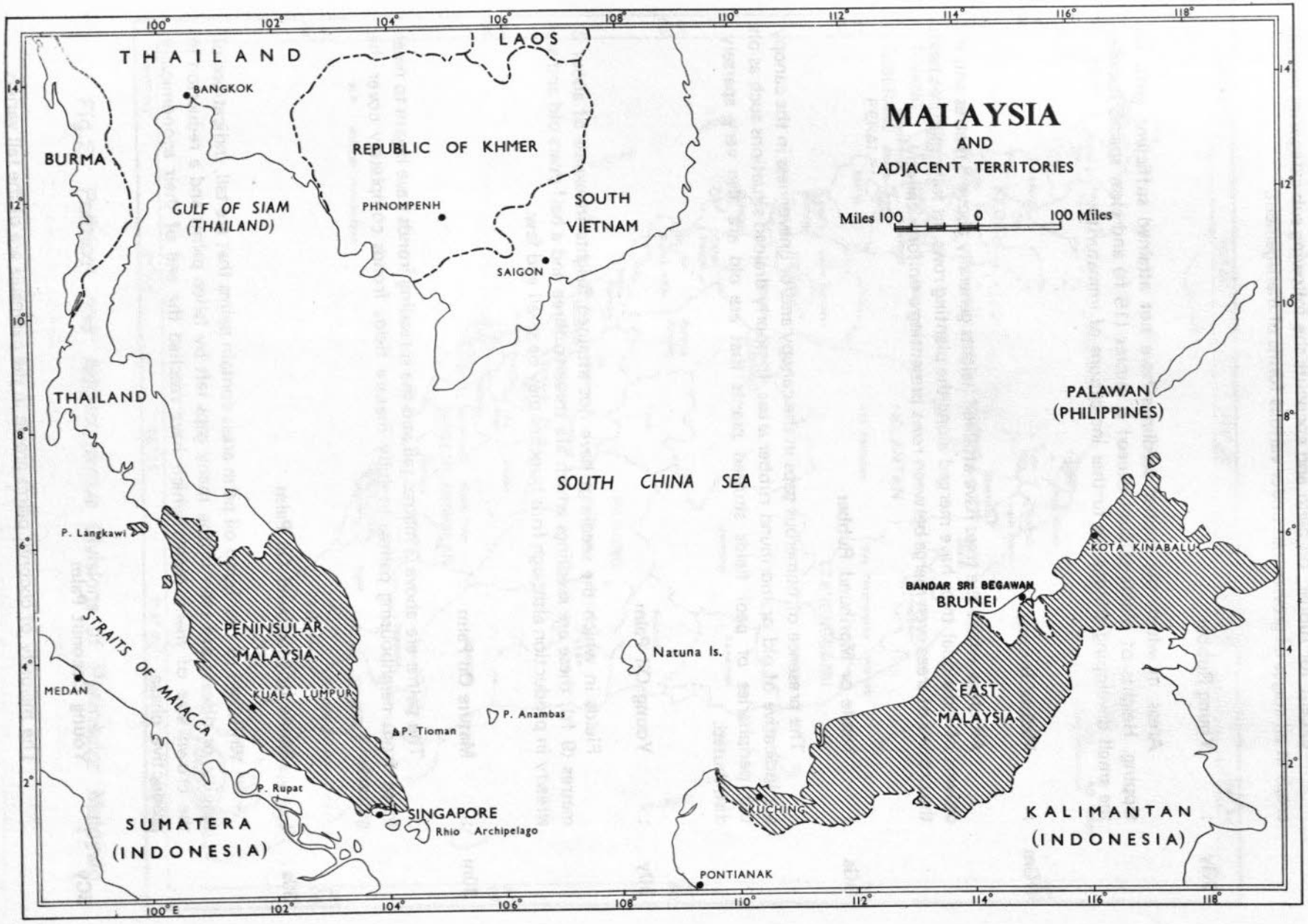


Figure 1. Location of Peninsular Malaysia.

3. Tree Palm and Other Permanent Crops

Except for rubber, oil palm and coconuts the following sub-categories include crops at all stages of growth and under various forms of management.

3Gy : Young Rubber

Areas in which the rubber seedlings have not attained sufficient girth for tapping. Heights of plants seldom exceed 5 metres (15 ft) and clear spaces between the small developing crowns are further indications of immaturity.

3Gm : Mature Rubber

All areas where the trees have attained heights generally above 5 metres and the crowns of individual trees have merged along the planting rows. In fully mature stands the crowns of trees even merge between rows presenting a uniform canopy.

3Gs : Senile or Moribund Rubber

The presence of numerous gaps in the canopy and/or unevenness in the canopy are indicative of old or moribund rubber areas. In poorly drained situations such as on the peripheries of padi fields stunted plants that are old are also very sparsely distributed.

30y : Young Oil Palm

Fields in which the seedlings have not attained heights in excess of about 3 metres (9 ft); these are seedlings which are three to three and a half years old and are already in production although fruit bunches may be small and few.

30m : Mature Oil Palm

The palms are above 3 metres tall and the spreading fronds have begun to meet those from neighbouring palms. In fully mature fields fronds completely cover the ground.

30s : Senile or Moribund Oil Palm

While old or moribund oil palm areas contain palms that are tall, indications of senility or disease are seen in the many gaps left by fallen palms and a reduction in the crown size of many plants which have reached the end of their economically productive phase.

3Cy : Young Coconut Palm

The majority of coconut palms grown in the peninsula are of the tall variety.



Fig.2. Political and Administrative Divisions of Peninsular Malaysia.

Seedlings seldom begin flower and fruit production before attaining heights of 5 metres (15 ft) or more. Only in the dwarf variety, which also has a closer planting distance (7 x 7 m as opposed to 10 x 10 m in the tall variety), is the height at initial production about 2 metres (6 ft).

3Cm : Mature Coconut Palm

All areas where the palms have attained heights in excess of 5 metres except the dwarf variety. Heights attained by fully mature stands are often in excess of 15 metres.

3Cs : Senile or Moribund Coconut Palm

Fields of old or moribund coconut palms almost invariably have gaps resulting from fallen palms. Those that are still standing although tall have crowns which are reduced in size.

3N : Pineapple

Mainly commercially grown pineapple, sometimes by smallholders in conjunction with coconuts and principally for the canning industry.

3T : Tea

An estate crop cultivated as a monocrop in extensive plantations both in highland and lowland areas.

3K : Coffee

Solely a smallholder crop with individual units being small. Both as a monocrop and intercrop with coconuts; occasionally intercropped with young rubber.

3A : Cocoa

Cultivated as a sole crop with non-commercial shade trees or as an intercrop with coconuts both on large plantations and in smallholdings.

3P : Pepper

A smallholders' crop cultivated as a sole crop. While individual holdings are small the contiguity of several units results in blocks of ten acres or more.

3Y : Sugarcane

Mainly commercially grown sugarcane. The largest areas are under extensive plantations. Smaller plots on the peripheries of the plantations are cultivated by smallholders for sale to the plantation factory. Elsewhere smallholders cultivate the canes in small plots of less than 3 acres for the supply of fresh cane used in the making of fresh sugarcane drinks.

3X : **Orchards**

Principally cultivated in smallholdings. The main orchard fruits grown are durian (Durio zibethinus), rambutan (Nephelium lappaceum), duku (Lansium domesticum var. duku), langsat (Lansium domesticum), mangosteen (Garcinia mangostana), mango (Mangifera spp.), clove (Eugenia aromatica), nutmeg (Myristica fragrans), papaya (Carica papaya), and various species of citrus.

3F : **Fibre Crops**

An estate crop grown mainly in one locality in Pahang in 1966. The type grown was manila hemp (Musa textiles, Nee) which in growth habit resembles the common banana plant.

3S : **Sago Palm**

Except in the State of Johor this is not a commonly cultivated crop. More frequently it is found in a semi wild state in lowlying swampy non-saline land along the banks of streams and rivers traversing padi fields.

3B : **Bananas**

Grown as a "catch crop" in newly cleared areas for oil palm or rubber cultivation. More commonly this is a smallholders' activity although some of the smaller estates undergoing a replanting programme also utilize the available land for two to three crops of bananas before the canopy of the maturing rubber and oil palm seedlings begin to reduce the amount of light filtering to the lower crop. Under coconut palms banana cultivation could be carried out indefinitely since the shading effect of the palm fronds does not prevent healthy productive growth of the banana plants.

3H : **Fish and Hyacinth Ponds**

Often associated with market gardening and diversified crop cultivation. While some are constructed intensionally with square or rectangular outlines, many are converted from old disused tin mining pools. However, some old tin excavation ponds which could be stocked with fish, but occur in isolation from other activities such as market gardening or diversified cropping, are excluded.

3R : **Arecanut Palm**

Mainly commercially grown arecanut palms, solely by smallholders. At times intercropped with coconut and rubber.

4 **Cropland**

4P : **Padi**

Double and single cropping padi areas. Excluded are areas of hill padi,

which are commonly part of shifting cultivation activities. Within the lowland padi-growing plains areas newly cleared or flooded or still fallow are also mapped as padiland.

4C : Diversified Crops

This sub-category covers a wide range of crops growing in reasonably large areas although the individual units (fields) may be quite small (2 to 20 acres). The size of the fields make it difficult to interpret the actual crop, especially when the same crop may be present at different stages of maturity within a mixed crop area which may also contain areas of fallow. Crops found in this sub-category are almost entirely annual with tapioca occupying the largest acreage. Other crops include maize, sugarcane, bananas, yams, sweet potatoes, tobacco etc.

Note:

Bananas appear in small units within this sub-category. It should, however, be realised that the bulk of the country's bananas grow within 2H "Mixed Horticulture" and in conjunction with young smallholding rubber, coconut and oil palm. Within these areas they cannot be separately delineated at the present interpretation scale.

4X : Shifting Cultivation

Shifting cultivation, also referred to as "ladang" cultivation, describes an activity carried on by the Aborigines where primary forest areas are selected for cultivation, then cleared and planted with crops, and finally abandoned after a few years as the soil loses its initial fertility. The most common crops planted are upland rice (hill padi), tapioca, sweet potatoes, yams and maize. General areas of shifting cultivation, then cleared and planted with crops, and finally abandoned after a few years as the soil loses its initial fertility. The most common crops planted are upland in use are identified and areas previously in use, but now abandoned, are identified according to the present vegetative cover. The sizes of these clearings are variable being usually less than 10 acres in extent.

5. Improved Permanent Pasture

The acreage of this category has increased since 1966 with the establishment of a number of large scale cattle farms in the country. It includes land where selective grasses are being grown for grazing and for the production of marketable fodder.

6. Grasslands

Because of the difficulties created by detailed interpretation combined with the relative unimportance of this category, it has been decided not to sub-categorize and so this category includes areas of lalang (Imperata cylindrica), unimproved coarse pasture and scrub grassland. The general appearance of the category is grassland and areas are only included when shrubs and trees (generally below 15 feet) cover less than 50% of the area. When the scrub component covers more than 50% of an area it is designated as "Scrub Forest".

Lalang, often occurring in "sheets" over extensive areas comprises an important part of this category as do the grasses inhabiting the beach ridges ("permatang") of the east coast.

It is not always possible to accurately determine which areas within this category are actually used for grazing and therefore it should be remembered that the title "grassland" does not imply an area of grazing. Only in a few local areas of the country are cattle intentionally grazed within this category, which for the most part, is devoid of cattle.

Note:

It must be realised that many of the crops found in categories 3 and 4 are also found in small uninterpretable areas (less than one acre) within the collective sub-category "Mixed Horticulture". Often the cumulative acreage of these crops within "Mixed Horticulture" can be considerable.

Units of grassland appearing in urban areas and having no apparent recreational use are also mapped in this category.

Areas of grasslands or scrub grassland appearing on erosion scars or on land-slides are designated 6E.

7. Forest Lands

7F : Forest

All dryland forests are included in this sub-category. It includes all primary and secondary forests or high "belukar", above about 15 feet in height. It would, thus, also include the dwarf Montane and Sub-Montane forests growing on the thin soils of mountain summits and ridges of the interior of the peninsula. In a few areas the symbol 7F (R) denotes forestation, afforestation and "treated" forests.

7S : Scrub Forest

This sub-category consists of areas with more than 50% covered by shrubs, bushes, and young or dwarf trees, having a height of less than approximately 15 feet. It includes (a) low "belukar", of secondary growth, which is in the first stage of regeneration of mature forests, and (b) scrub vegetation whose occurrence is due to edaphic factors, such as the xerophytic scrub of the dry permatang.

7C : Recently Cleared Land

These are recently cleared areas where there are no indications as to the future land use. For convenience these areas have been placed within the forest category but it should be realised that they are not necessarily always areas cleared from forest, e.g. areas cleared from older rubber awaiting replanting into oil palm would come under this sub-category. These areas are recognized not only by a very "clean" appearance, but also by the presence of felled trees and traces of burning.

8. Swamps, Marshlands and Wetland Forest

This category includes all poorly drained land exhibiting seasonal or permanent waterlogging. Wetland Grass and Forest Associations (including Mangrove, Nipah and Gelam) occur in this category, as well as Wetland Forest areas which have been recently cut-over.

9. Unused Land

All areas which by present practices, are unproductive, e.g. riverine and coastal beaches, mudflats, exposed rocks, limestone hills, cliffs, etc.

Legend Generalization

While the legend could be applied in full in the 1:25,000 and 1:63,360 scale maps, a certain amount of generalization has had to be made for the 1:126,720 and 1:500,000 maps. In the generalization for the 1:500,000 scale map all urban areas including estate buildings have been grouped into one unit; this has also been done for all mining and quarrying areas; the mixed horticulture sub-category has been expanded to include market gardening and agricultural stations while fish and hyacinth ponds have been depicted as water bodies; orchard areas have been grouped together with diversified crops. Sago and arecanut areas, because they occur in units too small to be depicted but are of local importance, have been indicated on the map by an overprinting of the crop name in the locality where the crop occurs.

Notes:

If no agricultural land use activity is present on a complete map sheet, then the entire sheet is not interpreted and therefore not mapped. The entire area of such map sheets would then be taken to be completely forest covered.

THE PRESENT LAND USE

Synoptic Overview

The effects of the agricultural development plans of the government of Malaysia are evident in the substantial enlargement of agriculturally cropped land. From a total of 6,754,904 acres (2,735,736 ha) in 1966 the area of cultivated land increased to 8,576,609 acres (3,473,527 ha) in 1974. Including newly cleared areas, earmarked for agricultural development, the total increase in agricultural land use has risen from 7,040,018 acres (2,851,207 ha) in 1966 to 9,437,847 acres (3,822,328 ha) in 1974, an overall increase of 2,397,829 acres (971,121 ha).

As shown in Table 3, all the eleven states in Peninsular Malaysia have realized increases in agricultural land use. Among the states, however, the largest increases have occurred in Pahang (673,073 acres or 272,595 ha) and Johor (568,093 acres or 230,078 ha). Substantial increases have also been realized in Perak (310,936 acres or 125,929 ha), Kedah (201,066 acres or 81,432 ha), Terengganu (190,160 acres or 77,015 ha), Negeri Sembilan (173,374 acres or 70,216 ha) and Kelantan (144,119 acres or 58,368 ha).

On the other hand, substantial reductions have taken place in grasslands, forest and scrub forests, swamps and unused lands. Grasslands have been reduced by 451,371 acres (182,805 ha), forest by 1,538,541 acres (623,109 ha) scrub forest by 223,211 acres (90,400 ha), swamps by 269,096 acres (108,984 ha) and unused land by 112,105 acres (45,403 ha).

A summary of the changes in the major categories of land use in Peninsular Malaysia between 1966 and 1974 is given in Table 4.

Table 3
Overall agricultural land use changes between 1966 and 1974 for the eleven states

State	Cultivated Land		Newly cleared land		Agricultural land		Difference
	1974	1966	1974	1966	1974	1966	increase (+) or decrease (—) over 1966 total
1. JOHOR	1,907,008	1,515,348	248,409	71,976	2,155,417	1,587,324	+ 568,093
2. KEDAH	1,063,040	886,816	56,153	31,311	1,119,193	918,127	+ 201,066
3. KELANTAN	634,560	519,688	55,563	26,316	690,123	546,004	+ 144,119
4. MELAKA	318,581	311,944	7,190	2,292	325,771	314,438	+ 11,333
5. NEGERI SEMBILAN	652,024	572,206	108,145	14,589	760,169	586,795	+ 173,374
6. PAHANG	1,138,483	598,097	174,201	41,514	1,312,684	639,611	+ 673,073
7. PERAK	1,272,967	1,026,441	118,221	53,811	1,391,188	1,080,252	+ 310,936
8. PERLIS	124,463	101,697	3,762	1,831	128,225	103,528	+ 24,697
9. P.PINANG & S.PRAI	182,037	177,376	799	3,952	182,836	181,328	+ 1,508
10. SELANGOR	844,249	772,031	40,039	12,787	884,288	784,818	+ 99,470
11. TERENGGANU	439,197	273,260	48,756	24,533	487,953	297,793	+ 190,160
TOTAL	8,576,609	6,754,904	861,234	284,912	9,437,847	7,040,018	+ 2,397,829

Table 4
Summary of change of major land use categories
between 1966 and 1974

Category	1966 (acres)	1974 (acres)	Difference increase (+) or decrease (—) over 1966 total (acres)
Settlements and associated non-agricultural lands	332,309	494,881	+ 162,572
Horticulture	494,064	602,379	+ 108,315
Tree, Palm and Permanent crops	5,174,375	6,719,962	+ 1,545,587
Cropland	1,086,529	1,244,636	+ 158,107
Improved permanent pasture	515	9,632	+ 9,117
Grassland, scrub and forest	21,904,302	19,691,179	— 2,213,123
Swampland	2,907,009	2,637,913	— 269,096
Cleared land	284,912	861,238	+ 576,326
Others	483,701	422,364	— 61,337
TOTAL	32,667,716	32,684,184	+ 16,468

Further breakdown in terms of categories of land use are indicated in Tables PM 1 and PM 2.

The Crop Equivalent Factor

Although the total cultivated area of Peninsular Malaysia is given as 8,576,609 acres (3,473,527 ha) the actual physical area occupied by crops is 8,521,961 acres (3,451,394 ha). This is due to the adoption of the crop equivalent factor whereby intercropping of a low crop such as cocoa with a tall crop such as coconut is computed as 175% utilization of the land area. The result of this mode of calculation is the apparently larger land area occupied by crops. On the other hand it is also an indication that greater intensity of crop cultivation is possible particularly on land utilized for tree crops such as coconuts.

Table PM 1
Summary of non-agricultural land use in Peninsular Malaysia

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	226,779	0.7	163,708	0.5	+ 63,071
1E	Estate buildings and associated areas	32,451	0.1	27,331	0.1	+ 5,120
1T	Tin mining areas	202,735	0.6	116,246	0.4	+ 86,489
1X	Other mining and quarrying areas	17,425	0.1	10,667	–	+ 6,758
1P	Power line right of way	15,491	–	14,357	–	+ 1,134
6	Grasslands	550,276	1.7	1,001,647	3.1	– 451,371
7F	Forest	17,894,601	54.8	19,433,142	59.5	– 1,538,541
7S	Scrub forest	1,246,302	3.8	1,469,513	4.5	– 223,211
7C	Newly cleared land	861,238	2.6	284,912	0.9	+ 576,326
8	Swamps	2,637,913	8.1	2,907,009	8.9	– 269,096
9	Unused land	43,897	0.1	156,002	0.5	– 112,105
UN	Unclassified	378,467	1.2	327,699	1.0	+ 50,768
	Total	24,107,575	73.8+	25,912,233	79.3*	– 1,804,658

+ Based on the peninsular total of 32,684,184 acres

* Based on the peninsular total of 32,667,716 acres

Table PM 2
Summary of agricultural land use in Peninsular Malaysia

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	583,719	1.8	478,312	1.5	+ 478,312
2M	Market gardening	14,601	—	12,875	—	+ 1,726
2E	Agricultural stations	4,059	—	2,877	—	+ 1,182
3Gy	Young rubber	638,566	2.0	—	—	—
3Gm	Mature rubber	3,461,965	10.6	—	—	—
3Gs	Senile rubber	693,212	2.1	—	—	—
	Sub-total	4,793,743	14.7	4,389,682	13.4	+ 404,061
30y	Young oil palm	505,546	1.5	—	—	—
30m	Mature oil palm	675,817	2.1	—	—	—
30s	Senile oil palm	17,228	0.1	—	—	—
	Sub-total	1,198,591	3.7	245,394	0.8	+ 953,197
3Cy	Young coconut	54,352	0.2	—	—	—
3Cm	Mature coconut	412,844	1.3	—	—	—
3Cs	Senile coconut	18,769	0.1	—	—	—
	Sub-total	485,965	1.6	435,686	1.3	+ 50,279
3N	Pnieapple	54,386	0.2	42,788	0.1	+ 11,598
3T	Tea	7,539	—	8,148	—	— 609
3K	Coffee	19,603	0.1	17,277	—	+ 2,326
3A	Cocoa	32,296	0.1	1,121	—	+ 31,175
3P	Pepper	2,412	—	2,840	—	— 428
3Y	Sugarcane	53,330	0.2	—	—	+ 53,330
3X	Orchards	49,157	0.2	16,289	—	+ 32,868
3F	Fibre crops	—	—	409	—	— 409
3S	Sago	15,389	—	9,400	—	+ 5,989
3B	Banana	3,123	—	—	—	+ 3,123
3H	Fish ponds	2,110	—	1,599	—	+ 511
3R	Arecanut	2,318	—	3,742	—	— 1,424
4P	Padi	1,058,399	3.2	988,157	3.1	+ 70,242
4C	Diversified crops	175,064	0.5	78,837	0.2	+ 96,227
4X	Shifting cultivation	11,173	—	19,535	0.1	— 8,362
5	Improved permanent pasture	9,632	—	515	—	+ 9,117
	Total	8,576,609	26.2+	6,755,483	20.7*	+ 1,821,126

+ Based on the peninsular total of 32,684,184 acres

* Based on the peninsular total of 32,667,716 acres

The difference arising from the greater intensity of crop cultivation in Peninsular Malaysia is shown on Table 5 where it can be seen that increases in land use acreage can vary from as little as 1 acre in Melaka to as much as 20,503 acres in Johor. Within an overall area of 109,296 acres (44,265 ha) crops have been planted with an intensity equivalent to an area of 163,944 acres (66,397 ha) an equivalent increase of 54,648 acres (22,132 ha).

Table 5
Equivalent crop acreage vs physical acreage by States

State	Equivalent Crop acreage	Physical acreage	Difference
Johor	61,508	41,005	20,503
Kedah	3,952	2,635	1,317
Kelantan	4,438	2,959	1,479
Melaka	1,884	1,256	628
Negeri Sembilan	1,965	1,310	655
Pahang	4,470	2,980	1,490
Perak	53,869	35,913	17,956
Perlis	4	3	1
Pulau Pinang and Seberang Prai	2,889	1,926	963
Selangor	22,232	14,821	7,411
Trengganu	6,733	4,488	2,245
Total	163,944	109,296	54,648

The introduction of the crop equivalent factor has not only affected the acreage of cropped land but also other categories of land use. This effect is shown in Table 6 where a comparison is made between the physical area of each state and the land use area. In all the states there has been an increase in land use acreage over the physical area.

Table 6
Increase in land use area over the physical area (1974)

State	Physical Area	Land Use Area	Difference
1. Johor	4,730,569	4,759,105	+ 28,536
2. Kedah	2,341,875	2,344,456	+ 2,581
3. Kelantan	3,713,679	3,716,557	+ 2,878
4. Melaka	407,806	409,011	+ 1,205
5. Negeri Sembilan	1,646,953	1,648,031	+ 1,078
6. Pahang	8,890,848	8,899,886	+ 9,038
7. Perak	5,178,032	5,202,943	+ 24,911
8. Perlis	200,225	200,227	+ 2
9. Pulau Pinang & S. Prai	258,022	259,317	+ 1,295
10. Selangor	2,034,154	2,041,393	+ 7,239
11. Terengganu	3,199,086	3,203,258	+ 4,172
Total	32,601,249	32,684,184	+ 82,935

THE PRESENT LAND USE OF JOHOR

The General Pattern

The two major forms of land use in the State of Johor are forestry and agriculture. Large tracts of forest land are located on the eastern and northern sections of the State while smaller areas exist on the western portion on hilly to mountainous terrain. Swampland also exists in the State being predominant on both the east and west coasts.

Agriculture is confined more to the western half of the State, where the climate, soils and topography have been more conducive to settlement and agricultural development.

Among the agricultural crops rubber is predominant, being the major crop of the well-drained hill sites as well as substantial portions of less well-drained sites on the western coastal plain. Secondary crops of importance include oil palm, coconuts and pineapple. The oil palm is cultivated on plantations which are sited mainly on well-drained hill soils. Coconuts and pineapple are solely smallholders' crops growing most extensively on the western coastal plain. The major portion of the pineapple growing area is sited on reclaimed peat swamps while most of the coconuts grow on marine clays. Other crops of lesser extent but of significance are market garden vegetables, pepper, arecanuts and sago. The vegetable gardens are prominent in the Tangkak area in the northern region of the State. Pepper is concentrated in the south especially in the vicinity of Senai. Arecanut palms grow on smallholdings, often in close proximity to coconut holdings on the west coast. Sago palms are cultivated on swampland in the west coast within and on the peripheries of coconut, pineapple and some rubber holdings; commonly, the sago palms occupy the portion of land on the banks of rivers immediately next to the water's edge.

Post-1966 Developments

There is an overall decrease of 5,397 acres (2,186 ha) in the physical area of the State (Table JR 1). This decrease has resulted from coastline regression at the expense of the coastal beaches. Such changes are expected and are attributed to the transitory forebeach which is under tidal influence.

The total land use area, however, shows an increase of 19,758 acres (8,022 ha) over the 1966 total (Wong, 1969b). This differrence is the result of increased intercropping between rubber, coconut and orchards, on the one hand, and mixed horticulture, diversified crops, pineapples, coffee and cocoa, on the other.

The area of cultivated land has increased by 391,660 acres (158,622 ha). This figure, however, does not take into consideration the areas earmarked for agriculture and presently mapped as newly cleared land; taking such land into consideration there is a further increase of 176,433 acres (71,455 ha) to be added, which brings the total area devoted to agricultural development to 2,155,417 acres (872,944 ha) an increase of 568,093 acres (230,078 ha) over the 1966 total.

Further comparisions by land use cateogry at the State, district and mukim levels are indicated in Tables JR 2 to JR 19.

Table JR 1
The land use summary of the State of Johor

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	4,730,569	4,736,966	– 5,397
Total land use area	4,759,105*	4,739,347	+ 19,758
Area under cultivation	1,907,008	1,515,348	+ 391,660
Newly cleared land	248,409	71,976	+ 176,433
Total agricultural land	2,155,417	1,587,324	+ 568,093

* The land use acreage in 1974 is 28,536 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. The difference in 1966 was 2,381 acres.

Table JR 2
Summary of non-agricultural land use in the State of Johor

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	39,728	0.8	27,858	0.6	+ 11,870
1E	Estate buildings and associated areas	6,638	0.1	6,694	0.1	— 56
1T	Tin mining areas	13,506	0.3	5,452	0.1	+ 8,054
1X	Other mining and quarrying areas	4,687	0.1	3,670	0.1	+ 1,017
1P	Power line right of way	1,829	—	1,737	—	+ 92
6	Grasslands	57,948	1.2	179,107	3.8	— 121,159
7F	Forest	1,814,901	38.1	2,122,320	44.8	— 307,419
7S	Scrub forest	177,610	3.7	245,801	5.2	— 68,191
7C	Newly cleared land	248,409	5.2	71,976	1.5	+ 176,433
8	Swamps	416,321	8.7	487,075	10.3	— 70,754
9	Unused land	5,883	0.1	15,766	0.3	— 9,883
UN	Unclassified	64,637	1.4	56,558	1.2	+ 8,079
	Total	2,852,097	59.9+	3,224,014	68.0*	— 371,917

+ Based on the State total of 4,759,105 acres

* Based on the State total of 4,739,347 acres

Table JR 3
Summary of agricultural land use in the State of Johor

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	68,611	1.4	42,149	0.9	+ 26,462
2M	Market gardening	2,552	0.1	2,477	–	+ 75
2E	Agricultural stations	323	–	439	–	– 116
3Gy	Young rubber	136,938	2.9	–	–	–
3Gm	Mature rubber	854,986	18.0	–	–	–
3Gs	Senile rubber	154,557	3.2	–	–	–
	Sub-total	1,146,481	24.1	1,164,992	24.6	– 18,511
30y	Young oil palm	134,432	2.8	–	–	–
30m	Mature oil palm	241,484	5.1	–	–	–
30s	Senile oil palm	5,287	0.1	–	–	–
	Sub-total	381,203	8.0	101,489	2.1	+ 279,714
3Cy	Young coconut	20,209	0.4	–	–	–
3Cm	Mature coconut	125,005	2.6	–	–	–
3Cs	Senile coconut	6,064	0.1	–	–	–
	Sub-total	151,278	3.1	128,811	2.7	+ 22,467
3N	Pineapple	49,191	1.0	36,217	0.8	+ 12,974
3T	Tea	–	–	–	–	–
3K	Coffee	4,920	0.1	2,114	–	+ 2,806
3A	Cocoa	1,876	–	16	–	1,860
3P	Pepper	2,377	–	2,788	0.1	– 411
3Y	Sugarcane	23,059	0.5	–	–	+ 23,059
3X	Orchards	14,186	0.3	5,391	0.1	+ 8,795
3F	Fibre crops	–	–	–	–	–
3S	Sago	10,778	0.2	3,885	0.1	+ 6,893
3B	Banana	3,084	0.1	–	–	+ 3,084
3H	Fish ponds	315	–	119	–	+ 196
3R	Arecanut	2,318	–	3,723	0.1	– 1,405
4P	Padi	19,734	0.4	14,695	0.3	+ 5,039
4C	Diversified crops	20,116	0.4	5,497	0.1	+ 14,619
4X	Shifting cultivation	120	–	175	–	– 55
5	Improved permanent pasture	4,486	0.1	356	–	+ 4,130
	Total	1,907,008	40.1+	1,515,333	32.0*	+ 391,675

+ Based on the State total of 4,759,105 acres

* Based on the State total of 4,739,347 acres

Table JR 4
Summary of non-agricultural land use in the district of Batu Pahat (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	5,684	1.1	3,550	0.7	+ 2,134
1E	Estate buildings and associated areas	719	0.1	425	0.1	+ 294
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	489	0.1	764	0.2	— 275
1P	Power line right of way	302	0.1	683	0.1	— 381
6	Grasslands	6,506	1.3	31,856	6.5	— 25,350
7F	Forest	64,444	13.0	87,504	18.0	— 23,060
7S	Scrub forest	15,996	3.2	20,264	4.2	— 4,268
7C	Newly cleared land	17,649	3.6	7,661	1.6	+ 9,988
8	Swamps	55,568	11.2	38,142	7.8	+ 17,426
9	Unused land	—	—	3	—	— 3
UN	Unclassified	4,462	0.9	4,521	0.9	— 59
	Total	171,819	34.6+	195,373	40.2*	— 23,554

+ Based on the district total of 495,380 acres

* Based on the district total of 486,360 acres

Table JR 4.1
Summary of non-agricultural land use in the mukims of the district of Batu Pahat (Johor)

Code	Land Use Category	BAGAN		CHA'AH BARU		KAMPONG BARU		LINAU		LUBOK		MINYAK BEKU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	24	32	60	30	60	59	110	117	36	29	530	242
1E	Estate buildings and associated areas	–	–	111	82	167	–	57	29	–	–	18	24
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	65	87	–	–	–	–	–	–	2	16
1P	Power line right of way	51	70	–	–	–	–	–	–	56	75	–	–
6	Grasslands	35	13	129	3,110	303	747	291	591	159	102	528	1,545
7F	Forest	–	–	27,502	43,351	–	–	992	1,254	–	–	1,523	2,882
7S	Scrub forest	132	15	1,280	2,972	368	93	1,361	1,444	399	200	540	1,323
7C	Newly cleared land	81	4	4,563	2,363	199	10	1,043	103	332	–	2,063	184
8	Swamps	809	847	18,923	6,215	151	347	362	370	657	636	2,232	3,320
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	3
UN	Unclassified	191	522	335	365	531	523	120	229	78	–	970	412
	Total	1,323	1,503	52,968	58,575	1,779	1,779	4,336	4,137	1,717	1,042	8,406	9,951

Table JR 4.1 cont'd

Code	Land Use Category	PESERAI		SIMPANG KANAN		SIMPANG KIRI		SRI GADING		SRI MEDAN		SUNGAI KLUANG		SUNGAI PUNGGOR		TANJUNG SEMBRONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	16	8	3,313	2,313	79	62	396	99	271	156	178	112	47	13	564	278
1E	Estate buildings and associated areas	–	–	164	140	–	–	79	50	16	4	–	–	–	–	107	96
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	40	92	9	6	21	29	352	525	–	–	–	–	–	9
1P	Power line right of way	37	48	70	208	–	–	88	282	–	–	–	–	–	–	–	–
6	Grasslands	24	–	134	1,564	54	570	1,161	5,813	842	6,385	497	2,038	1,456	3,526	893	5,852
7F	Forest	–	–	4,191	3,898	646	1,898	2,322	2,879	11,358	14,336	–	–	–	4	15,910	17,002
7S	Scrub forest	11	7	1,094	1,146	375	2,572	1,439	1,924	3,423	3,570	475	677	365	222	4,734	4,099
7C	Newly cleared land	102	–	867	1,326	1,742	188	1,152	142	2,326	266	67	68	93	–	3,019	3,007
8	Swamps	421	550	298	322	460	42	7,303	7,636	10,031	3,084	2,486	2,105	1,981	2,583	9,454	10,085
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	196	253	153	254	244	308	436	346	263	303	366	292	254	315	325	399
	Total	807	866	10,324	11,263	3,609	5,646	14,397	19,200	28,882	28,629	4,069	5,292	4,196	6,663	35,006	40,827

Table JR 5
Summary of agricultural land use in the district of Batu Pahat (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	15,136	3.1	7,286	1.5	+ 7,850
2M	Market gardening	559	0.1	153	—	+ 406
2E	Agricultural stations	308	0.1	356	0.1	— 48
3Gy	Young rubber	17,388	3.5	—	—	—
3Gm	Mature rubber	147,808	29.8	—	—	—
3Gs	Senile rubber	12,707	2.6	—	—	—
	Sub-total	177,903	35.9	194,066	39.9	— 16,163
30y	Young oil palm	6,580	1.3	—	—	—
30m	Mature oil palm	12,441	2.5	—	—	—
30s	Senile oil palm	5	—	—	—	—
	Sub-total	19,026	3.8	2,478	0.5	+ 16,548
3Cy	Young coconut	6,012	1.2	—	—	—
3Gm	Mature coconut	69,446	14.0	—	—	—
3Cs	Senile coconut	3,132	0.6	—	—	—
	Sub-total	78,590	15.9	72,322	14.9	+ 6,268
3N	Pineapple	6,042	1.2	3,096	0.6	+ 2,946
3T	Tea	—	—	—	—	—
3K	Coffee	3,673	0.7	1,646	0.3	+ 2,027
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	2,379	0.5	895	0.2	+ 1,484
3F	Fibre crops	—	—	—	—	—
3S	Sago	9,208	1.9	2,905	0.6	+ 6,303
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	32	—	2,143	0.4	— 2,111
4P	Padi	2,068	0.4	2,379	0.5	— 311
4C	Diversified crops	5,216	1.1	1,163	0.2	+ 4,053
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	3,420	0.7	99	—	+ 3,321
	Total	323,561	65.4+	290,987	59.8*	+ 32,574

+ Based on the district total of 495,380 acres

* Based on the district total of 486,360 acres

Table JR 5.1
Summary of agricultural land use in the mukims of the district of Batu Pahat (Johor)

Code	Land Use Category	BAGAN		CHA'AH BARU	
		1974	1966	1974	1966
2H	Mixed horticulture	512	30	102	7
2M	Market gardening	–	–	28	3
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	25	–	968	–
3Gm	Mature rubber	865	–	18,211	–
3Gs	Senile rubber	229	–	824	–
	Sub-total	1,119	1,962	20,003	16,595
30y	Young oil palm	10	–	748	–
30m	Mature oil palm	5	–	2,109	–
30s	Senile oil palm	–	–	–	–
	Sub-total	15	–	2,857	853
3Cy	Young coconut	557	–	4	–
3Cm	Mature coconut	5,897	–	–	–
3Cs	Senile coconut	672	–	–	–
	Sub-total	7,126	7,088	4	7
3N	Pineapple	120	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	12	–	65	16
3F	Fibre crops	–	–	–	–
3S	Sago	11	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	183	–	96	47
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total (acres)	9,098	9,088	23,155	17,528

Table JR 5.1 cont'd

Code	Land Use Category	KAMPONG BARU		LINAU		LUBOK		MINYAK BEKU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	818	322	1,212	878	813	142	1,670	1,916
2M	Market gardening	–	–	–	–	–	–	298	40
2E	Agricultural stations	–	170	–	–	–	–	–	–
3Gy	Young rubber	855	–	1,991	–	152	–	811	–
3Gm	Mature rubber	6,141	–	12,281	–	3,198	–	9,940	–
3Gs	Senile rubber	39	–	2,574	–	183	–	226	–
	Sub-total	7,035	6,887	16,846	21,282	3,533	4,927	10,977	11,588
30y	Young oil palm	4	–	1,792	–	–	–	357	–
30m	Mature oil palm	3	–	358	–	–	–	186	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	7	–	2,150	34	–	–	543	–
3Cy	Young coconut	212	–	20	–	265	–	835	–
3Cm	Mature coconut	6,077	–	8	–	4,400	–	7,723	–
3Cs	Senile coconut	106	–	–	–	4	–	202	–
	Sub-total	6,395	7,040	28	112	4,669	4,843	8,760	8,162
3N	Pineapple	3	–	–	–	2,402	25	50	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	1,478	349	–	–	–	–	–	13
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	13	6	291	17	137	23	631	307
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	4	16	2,327	621	–	–	2	43
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	462	–	3	–	–	–	89
4P	Padi	–	–	–	–	–	65	7	–
4C	Diversified crops	325	40	409	6	162	–	854	85
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	16,078	15,292	23,263	22,953	11,716	10,025	23,792	22,243

Code	Land Use Category	PESERAI		SIMPANG KANAN		SIMPANG KIRI		SRI GADING	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	379	–	2,478	898	1,440	156	2,559	1,685
2M	Market gardening	–	–	111	69	109	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	308	186
3Gy	Young rubber	19	–	1,330	–	795	–	3,569	–
3Gm	Mature rubber	425	–	10,655	–	6,858	–	19,140	–
3Gs	Senile rubber	343	–	1,427	–	2,089	–	677	–
	Sub-total	787	1,518	13,412	17,319	9,742	14,428	23,386	24,496
30y	Young oil palm	–	–	684	–	551	–	927	–
30m	Mature oil palm	–	–	1,839	–	2,066	–	1,730	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	2,523	–	2,617	763	2,657	28
3Cy	Young coconut	330	–	108	–	1,245	–	110	–
3Cm	Mature coconut	2,007	–	1,083	–	5,566	–	2,692	–
3Cs	Senile coconut	332	–	158	–	340	–	12	–
	Sub-total	2,669	2,346	1,349	1,664	7,151	6,054	2,814	2,662
3N	Pineapple	–	–	–	–	2,180	793	156	533
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	236	2	473	507
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	399	217	89	7	265	68
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	79	37	1,716	1,026	3,312	828	100	74
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	30	–	–	2	–	20	–	828
4P	Padi	–	–	–	17	–	–	95	296
4C	Diversified crops	50	–	325	11	1,133	–	324	244
4X	Shifting cultivation	–	–	1	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	3,420	99
	Total	3,994	3,901	22,314	21,223	28,009	23,051	36,557	31,706

Table JR 5.1 cont'd

Code	Land Use Category	SRI MEDAN		SUNGAI KLUANG		SUNGAI PUNGGOR		TANJONG SEMBRONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,267	171	383	238	285	63	1,218	780
2M	Market gardening	8	14	–	–	–	–	5	27
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	3,547	–	99	–	263	–	2,964	–
3Gm	Mature rubber	21,034	–	1,706	–	633	–	36,721	–
3Gs	Senile rubber	1,864	–	15	–	11	–	2,206	–
	Sub-total	26,445	30,687	1,820	1,257	907	772	41,891	40,348
30y	Young oil palm	374	–	–	–	–	–	1,133	–
30m	Mature oil palm	1,001	–	–	–	–	–	3,144	–
30s	Senile oil palm	5	–	–	–	–	–	–	–
	Sub-total	1,380	–	–	–	–	–	4,277	800
3Cy	Young coconut	306	–	298	–	1,634	–	88	–
3Cm	Mature coconut	658	–	18,421	–	14,894	–	20	–
3Cs	Senile coconut	–	–	345	–	954	–	7	–
	Sub-total	964	709	19,064	16,845	17,482	14,674	115	116
3N	Pineapple	540	693	456	591	21	459	164	2
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	1,369	752	62	–	5	23
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	289	155	14	–	–	–	174	79
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	1,122	190	–	–	–	10	535	60
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	2	643	–	60	–	36
4P	Padi	367	–	–	–	–	–	1,599	2,001
4C	Diversfiied crops	859	106	–	276	98	289	398	59
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	33,241	32,725	23,108	20,602	18,855	16,327	50,381	44,331

Table JR 6
Summary of non-agricultural land use in the district of Johor Bahru (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	15,421	3.5	9,583	2.2	+ 5,838
1E	Estate buildings and associated areas	1,750	0.4	1,676	0.4	+ 74
1T	Tin mining areas	16	—	36	—	— 20
1X	Other mining and quarrying areas	208	—	165	—	+ 43
1P	Power line right of way	500	0.1	247	0.1	+ 253
6	Grasslands	5,572	1.3	26,473	6.0	— 20,901
7F	Forest	52,487	12.0	51,327	11.6	+ 1,160
7S	Scrub Forest	16,486	3.7	34,012	7.7	— 17,526
7C	Newly cleared land	14,951	3.4	17,598	4.0	— 2,647
8	Swamps	30,691	7.0	45,157	10.2	— 14,466
9	Unused land	575	0.1	493	0.1	+ 82
UN	Unclassified	21,306	5.0	17,114	3.9	+ 4,192
	Total	159,963	36.3+	203,881	46.2*	— 43,918

+ Based on district total of 440,436 acres

* Based on district total of 441,096 acres

Table JR 6.1
Summary of non-agricultural land use in the mukims of the district of Johor Bahru (Johor)

Code	Land Use Category	JELUTONG		JOHOR BAHRU	
		1974	1966	1974	1966
1U	Urban and associated areas	7	17	6,821	4,306
1E	Estate buildings and associated areas	–	–	–	–
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	50	191	337	2,048
7F	Forest	4	274	–	168
7S	Scrub forest	253	311	644	513
7C	Newly cleared land	142	123	118	33
8	Swamps	1,029	1,239	347	390
9	Unused land	–	–	147	–
UN	Unclassified	174	108	290	284
	Total	1,659	2,263	8,704	7,742

Table JR 6.1 cont'd

Code	Land Use Category	SUNGAI TIRAM		TEBRAU		TANJONG KUPANG		PELENTONG		PULAI		SEDENAK		SENAI KULAI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	61	11	1,301	707	24	22	3,320	1,408	643	689	1,045	713	2,199	1,710
1E	Estate buildings and associated areas	191	310	488	324	24	23	343	290	167	117	75	99	462	513
1T	Tin mining areas	–	36	–	–	–	–	–	–	–	–	–	–	16	–
1X	Other mining and quarrying areas	47	–	7	23	–	6	100	106	–	12	1	3	53	15
1P	Power line right of way	–	–	230	247	–	–	18	–	19	–	177	–	56	–
6	Grasslands	–	2,437	503	3,853	1,038	443	86	4,333	482	1,771	1,453	6,734	1,623	4,663
7F	Forest	7,522	4,539	–	264	235	593	1,137	1,159	1,172	1,845	24,530	22,835	17,887	19,650
7S	Scrub Forest	2,697	6,826	1,461	5,346	603	1,485	3,911	5,272	1,700	4,851	3,973	4,204	1,244	5,204
7C	Newly cleared land	805	1,896	2,980	5,165	155	39	2,064	2,256	87	1,984	6,477	1,079	2,123	5,023
8	Swamps	8,619	8,867	150	208	7,463	7,068	5,883	6,566	4,721	4,455	2,318	13,267	161	3,097
9	Unused land	–	–	–	–	3	16	16	315	409	162	–	–	–	–
UN	Unclassified	13,129	12,862	176	133	1,472	1,391	4,323	1,120	995	1,089	60	61	687	66
	Total	33,071	37,784	7,296	16,270	11,017	11,086	21,201	22,825	10,395	16,975	40,109	48,995	26,511	39,941

Table JR 7
Summary of agricultural land use in the district of Johor Bahru (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,117	1.0	3,281	0.7	+ 836
2M	Market gardening	775	0.2	584	0.1	+ 191
2E	Agricultural stations	–	–	51	–	– 51
3Gy	Young rubber	29,238	6.6	–	–	–
3Gm	Mature rubber	121,012	27.5	–	–	–
3Gs	Senile rubber	49,929	11.3	–	–	–
	Sub-total	200,179	45.4	203,274	46.1	– 3,095
30y	Young oil palm	15,310	3.5	–	–	–
30m	Mature oil palm	47,539	10.8	–	–	–
30s	Senile oil palm	33	–	–	–	–
	Sub-total	62,882	14.3	23,130	5.2	+ 39,752
3Cy	Young coconut	1,017	0.2	–	–	–
3Cm	Mature coconut	2,978	0.6	–	–	–
3Cs	Senile coconut	678	0.1	–	–	–
	Sub-total	4,673	0.9	2,258	0.5	+ 2,415
3N	Pineapple	162	–	206	–	– 44
3T	Tea	–	–	–	–	–
3K	Coffee	4	–	–	–	+ 4
3A	Cocoa	–	–	–	–	–
3P	Pepper	2,029	0.5	2,781	0.6	– 752
3Y	Sugarcane	1,499	0.3	–	–	+ 1,499
3X	Orchards	643	0.1	393	0.1	+ 250
3F	Fibre crops	–	–	–	–	–
3S	Sago	4	–	–	–	+ 4
3B	Banana	2	–	–	–	+ 2
3H	Fish ponds	132	–	75	–	+ 57
3R	Arecanut	81	–	–	–	+ 81
4P	Padi	317	0.1	105	–	+ 212
4C	Diversified crops	2,944	0.6	1,035	0.2	+ 1,909
4X	Shifting cultivation	30	–	–	–	+ 30
5	Improved permanent pasture	–	–	42	–	–
	Total	280,473	63.7+	237,215	53.8*	+ 43,258

\+ Based on the district total of 440,436 acres

* Based on the district total of 441,096 acres

Table JR 7.1
Summary of agricultural land use in the mukims of the district of Johor Bahru (Johor)

Code	Land Use Category	JELUTONG		JOHOR BAHRU	
		1974	1966	1974	1966
2H	Mixed horticulture	93	114	–	446
2M	Market gardening	–	–	–	8
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	92	–	–	–
3Gm	Mature rubber	1,580	–	501	–
3Gs	Senile rubber	186	–	–	–
	Sub-total	1,858	1,297	501	986
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total				
3Cy	Young coconut	15	–	–	–
3Cm	Mature coconut	6	–	–	–
3Cs	Senile coconut	–	–	92	–
	Sub-total	21	11	92	46
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	54	10	27	42
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	3	–	–	3
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	7	–	–	51
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total (acres)	2,036	1,432	620	1,582

Code	Land Use Category	PELENTONG		PULAI		SEDENAK		SENAI KULAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	674	538	222	267	765	388	387	196
2M	Market gardening	–	47	19	28	466	79	79	150
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,907	–	6,116	–	3,642	–	10,267	–
3Gm	Mature rubber	22,693	–	27,508	–	18,416	–	16,903	–
3Gs	Senile rubber	10,146	–	5,137	–	6,039	–	12,949	–
	Sub-total	34,746	36,711	38,761	32,958	28,097	26,421	40,119	50,790
30y	Young oil palm	118	–	197	–	2,813	–	9,397	–
30m	Mature oil palm	2,899	–	399	–	2,323	–	28,733	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	3,017	1,371	596	–	5,136	8	38,130	15,292
3Cy	Young coconut	90	–	62	–	58	–	–	–
3Cm	Mature coconut	1,097	–	316	–	27	–	–	–
3Cs	Senile coconut	485	–	45	–	–	–	–	–
	Sub-total	1,672	709	423	199	85	14	–	20
3N	Pineapple	17	–	–	–	–	14	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	4	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	24	17	1,965	2,100	40	664
3Y	Sugarcane	808	–	–	–	–	–	25	–
3X	Orchards	64	41	6	6	188	11	158	102
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	4	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	129	69	–	–	–	–	–	–
3R	Arecanut	–	–	73	–	–	–	–	–
4P	Padi	–	–	–	–	254	105	63	–
4C	Diversified crops	24	38	180	138	974	379	1,421	119
4X	Shifting cultivation	–	–	–	–	30	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	41,151	39,524	40,304	33,613	37,968	29,519	80,422	67,333

Code	Land Use Category	SUNGAI TIRAM		TEBRAU		TANJONG KUPANG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	208	335	974	148	794	849
2M	Market gardening	–	–	211	272	–	–
2E	Agricultural stations	–	51	–	–	–	–
3Gy	Young rubber	203	–	5,453	–	1,558	–
3Gm	Mature rubber	16,447	–	12,780	–	4,184	–
3Gs	Senile rubber	5,382	–	9,072	–	1,018	–
	Sub-total	22,032	18,910	27,305	28,111	6,760	7,090
30y	Young oil palm	–	–	2,785	–	–	–
30m	Mature oil palm	3,511	–	9,674	–	–	–
30s	Senile oil palm	–	–	33	–	–	–
	Sub-total	3,511	2,673	12,492	3,786	–	–
3Cy	Young coconut	–	–	511	–	327	–
3Cm	Mature coconut	410	–	135	–	941	–
3Cs	Senile coconut	–	–	36	–	20	–
	Sub-total	410	184	682	300	1,288	775
3N	Pineapple	–	–	–	–	145	192
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	666	–	–	–	–	–
3X	Orchards	58	16	26	144	62	21
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	2	–
3H	Fish ponds	–	–	–	3	–	–
3R	Arecanut	–	–	–	–	8	–
4P	Padi	–	–	–	–	–	–
4C	Diversified crops	–	3	338	249	–	58
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	42	–	–
	Total	26,885	22,172	42,028	33,055	9,059	8,985

Table JR 8
Summary of non-agricultural land use in the district of Keluang (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	5,627	0.8	3,855	0.5	+ 1,772
1E	Estate buildings and associated areas	1,714	0.2	1,731	0.2	– 17
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	10	–	74	–	– 64
1P	Power line right of way	448	0.1	61	–	+ 387
6	Grasslands	9,340	1.3	27,701	3.9	– 18,361
7F	Forest	270,572	37.9	346,105	48.8	– 75,533
7S	Scrub forest	14,463	2.0	20,332	2.9	– 5,896
7C	Newly cleared land	58,808	8.2	13,850	2.0	+ 44,958
8	Swamps	37,762	5.3	88,699	12.5	– 50,937
9	Unused land	–	–	5	–	– 5
UN	Unclassified	2,283	0.3	1,837	0.2	+ 446
	Total	401,027	56.2+	504,250	71.1*	– 103,223

+ Based on the district total of 713,921 acres

* Based on the district total of 709,173 acres

Table JR 8.1
Summary of non-agricultural land use in the mukims of the district of Keluang (Johor)

Code	Land Use Category	KAHANG		KELUANG	
		1974	1966	1974	1966
1U	Urban and associated areas	271	148	4,235	2,913
1E	Estate buildings and associated areas	76	77	552	539
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	10	4
1P	Power line right of way	–	9	167	52
6	Grasslands	832	4,130	1,467	7,647
7F	Forest	76,414	87,185	44,324	58,392
7S	Scrub forest	1,782	1,583	4,265	4,880
7C	Newly cleared land	14,777	1,768	11,769	3,746
8	Swamps	18,930	28,070	4,111	6,310
9	Unused land	–	–	–	–
UN	Unclassified	874	560	432	531
	Total	113,956	123,530	71,332	85,014

Table JR 8.1 cont'd

Code	Land Use Category	LAYANG LAYANG		MACHAP		NIYOR		PALOH		RENGAM		ULU BENUT	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	214	125	77	47	58	59	222	168	422	285	128	110
1E	Estate buildings and associated areas	267	242	–	8	216	92	139	292	449	453	15	28
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	55	–	5	–	–	–	–	–	–	–	10
1P	Power line right of way	86	–	–	–	–	–	–	–	195	–	–	–
6	Grasslands	1,585	2,040	1,094	1,285	940	1,978	915	4,067	1,344	4,430	1,163	2,124
7F	Forest	8,542	20,065	436	1,241	15,140	29,277	47,288	60,050	72,180	87,781	6,248	2,114
7S	Scrub forest	1,346	2,065	670	995	1,311	863	81	969	1,136	6,165	3,872	2,812
7C	Newly cleared land	4,694	2,387	5,080	327	8,923	2,192	5,040	1,890	4,230	1,096	4,295	444
8	Swamps	1,504	6,564	5,669	17,683	3,113	9,755	3,437	7,843	42	708	956	11,766
9	Unused land	–	–	–	–	–	5	–	–	–	–	–	–
UN	Unclassified	144	10	–	63	209	274	398	384	133	–	93	15
	Total	18,382	33,553	13,026	21,654	29,910	44,495	57,520	75,663	80,131	100,918	16,770	19,423

Table JR 9
Summary of agricultural land use in the district of Keluang (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,082	0.6	1,519	0.2	+ 2,563
2M	Market gardening	458	0.1	336	–	+ 122
2E	Agricultural stations	–	–	9	–	– 9
3Gy	Young rubber	14,587	2.0	–	–	–
3Gm	Mature rubber	135,155	18.9	–	–	–
3Gs	Senile rubber	20,966	2.9	–	–	–
	Sub-total	170,708	23.8	156,727	22.1	+ 13,981
30y	Young oil palm	56,842	8.0	–	–	–
30m	Mature oil palm	57,717	8.1	–	–	–
30s	Senile oil palm	1,514	0.2	–	–	–
	Sub-total	116,073	16.3	38,755	5.5	+ 77,318
3Cy	Young coconut	1,880	0.3	–	–	–
3Cm	Mature coconut	731	0.1	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	2,611	0.4	171	–	+ 2,440
3N	Pineapple	12,875	1.8	5,407	0.8	+ 7,468
3T	Tea	–	–	–	–	–
3K	Coffee	570	0.1	58	–	+ 512
3A	Cocoa	–	–	16	–	– 16
3P	Pepper	343	–	4	–	+ 339
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	1,069	0.1	327	–	+ 742
3F	Fibre crops	–	–	–	–	–
3S	Sago	175	–	10	–	+ 165
3B	Banana	46	–	–	–	+ 46
3H	Fish ponds	11	–	31	–	– 20
3R	Arecanut	–	–	–	–	–
4P	Padi	1,006	0.1	915	0.1	+ 91
4C	Diversified crops	1,801	0.2	399	0.1	+ 1,402
4X	Shifting cultivation	–	–	24	–	– 24
5	Improved permanent pasture	1,066	0.1	215	–	+ 851
	Total	312,894	43.8+	204,923	28.9*	+ 107,971

+ Based on the district total of 713,921 acres

* Based on the district total of 709,173 acres

Table JR 9.1
Summary of agricultural land use in the mukims of the district of Keluang (Johor)

Code	Land Use Category	KAHANG		KELUANG	
		1974	1966	1974	1966
2H	Mixed horticulture	151	96	1,269	609
2M	Market gardening	–	14	76	279
2E	Agricultural stations	–	–	–	9
3Gy	Young rubber	232	–	4,328	–
3Gm	Mature rubber	11,754	–	40,079	–
3Gs	Senile rubber	2,246	–	4,043	–
	Sub-total	14,232	14,939	48,450	47,579
30y	Young oil palm	7,153	–	9,693	–
30m	Mature oil palm	125	–	20,009	–
30s	Senile oil palm	–	–	1,221	–
	Sub-total	7,278	60	30,923	16,983
3Cy	Young coconut	–	–	49	–
3Cm	Mature coconut	542	–	15	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	542	–	64	148
3N	Pineapple	–	–	12	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	87	–
3A	Cocoa	–	–	–	16
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	6	33	452	137
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	26	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	11	28
3R	Arecanut	–	–	–	–
4P	Padi	301	327	–	6
4C	Diversified crops	33	64	624	122
4X	Shifting cultivation	–	21	–	–
5	Improved permanent pasture	–	–	619	215
	Total (acres)	22,543	15,554	82,613	66,131

Code	Land Use Category	LAYANG-LAYANG		MACHAP		NIYOR	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	110	109	551	132	73	47
2M	Market gardening	140	22	6	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,500	–	313	–	2,074	–
3Gm	Mature rubber	11,811	–	3,912	–	19,161	–
3Gs	Senile rubber	848	–	163	–	970	–
	Sub-total	14,159	9,794	4,388	2,548	22,205	16,841
30y	Young oil palm	8,598	–	61	–	9,441	–
30m	Mature oil palm	13,693	–	–	–	620	–
30s	Senile oil palm	293	–	–	–	–	–
	Sub-total	22,584	12,637	61	–	10,061	4
3Cy	Young coconut	51	–	1,059	–	8	–
3Cm	Mature coconut	27	–	61	–	5	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	78	11	1,120	5	13	4
3N	Pineapple	–	–	12,491	5,401	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	37	–	–	–	396	58
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	315	4	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	28	19	52	21	267	24
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	97	–	20	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	3
3R	Arecanut	–	–	–	–	–	–
4P	Padi	10	16	29	18	116	132
4C	Diversified crops	563	50	27	39	251	–
4X	Shifting cultivation	–	–	–	–	–	3
5	Improved permanent pasture	–	–	–	–	–	–
	Total	38,024	22,662	18,822	8,164	33,402	17,116

Table JR 9.1 cont'd

Code	Land Use Category	PALOH		RENGAM		ULU BENUT	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	–	8	890	367	1,038	151
2M	Market gardening	–	18	–	3	236	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,418	–	4,039	–	683	–
3Gm	Mature rubber	20,422	–	22,851	–	5,165	–
3Gs	Senile rubber	6,237	–	6,359	–	100	–
	Sub-total	28,077	30,912	33,249	28,418	5,948	5,696
30y	Young oil palm	14,972	–	6,744	–	180	–
30m	Mature oil palm	7,334	–	15,823	–	113	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	22,306	1,331	22,567	7,740	293	–
3Cy	Young coconut	–	–	8	–	705	–
3Cm	Mature coconut	–	–	58	–	23	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	–	66	3	728	–
3N	Pineapple	–	–	4	–	368	6
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	48	–	2	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	13	–	15	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	18	10	117	45	129	38
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	21	–	2	6	9	4
3B	Banana	–	–	–	–	46	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	–	3	550	413
4C	Diversified crops	19	15	222	89	62	20
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	447	–	–	–
	Total	50,441	32,294	57,625	36,674	9,424	6,328

Table JR 10
Summary of non-agricultural land use in the district of Kota Tinggi (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	2,445	0.3	1,419	0.2	+ 1,026
1E	Estate buildings and associated areas	505	0.1	424	–	+ 81
1T	Tin mining areas	6,537	0.8	2,851	0.3	+ 3,686
1X	Other mining and quarrying areas	3,271	0.4	1,131	0.1	+ 2,140
1P	Power line right of way	20	–	187	–	– 167
6	Grasslands	10,933	1.3	32,687	3.8	– 21,754
7F	Forest	379,550	44.1	513,861	59.6	– 134,311
7S	Scrub Forest	49,068	5.7	89,252	10.3	– 40,184
7C	Newly cleared land	86,344	10.0	15,351	1.8	+ 70,993
8	Swamps	109,513	12.7	111,617	12.9	– 2,104
9	Unused land	1,065	0.1	2,518	0.3	– 1,453
UN	Unclassified	16,168	1.9	15,409	1.8	+ 759
	Total	665,419	77.2+	786,707	91.2*	– 121,288

+ Based on district total of 861,572 acres

* Based on district total of 862,804 acres

Table JR 10.1
Summary of non-agricultural land use in the mukims of the district of Kota Tinggi (Johor)

Code	Land Use Category	JOHOR LAMA		KAMBAU	
		1974	1966	1974	1966
1U	Urban and associated areas	436	74	23	–
1E	Estate buildings and associated areas	23	88	–	22
1T	Tin mining areas	–	29	123	86
1X	Other mining and quarrying areas	80	–	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	6	2,091	232	1,197
7F	Forest	3,325	17,151	38,826	35,807
7S	Scrub forest	1,354	8,897	1,863	6,602
7C	Newly cleared land	1,249	355	–	108
8	Swamps	2,973	2,974	6,295	4,017
9	Unused land	5	–	34	289
UN	Unclassified	7,547	7,388	50	53
	Total	16,998	39,047	47,446	48,181

Table JR 10.1 cont'd

Code	Land Use Category	KOTA TINGGI		PANTAI TIMOR		PENGERANG		SEDILI BESAR		SEDILI KECHIL		TANJONG SURAT	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	898	883	69	101	74	136	51	51	–	10	736	66
1E	Estate buildings and associated areas	245	240	–	–	41	27	15	12	–	–	16	27
1T	Tin mining areas	1,608	776	–	–	–	10	–	–	–	14	–	–
1X	Other mining and quarrying areas	13	–	2,064	774	571	345	15	5	17	–	46	–
1P	Power line right of way	20	187	–	–	–	–	–	–	–	–	–	–
6	Grasslands	27	8,993	5,266	3,415	1,834	5,418	1,783	2,176	208	1,223	163	1,182
7F	Forest	25,419	34,367	17,004	24,726	4,597	7,429	7,939	17,787	23,498	43,745	9,631	42,762
7S	Scrub Forest	2,997	10,637	11,723	9,694	4,107	9,916	1,678	2,909	8,551	8,278	5,497	16,784
7C	Newly cleared land	631	4,199	7,100	–	9,586	198	10,181	97	15,999	23	23,311	609
8	Swamps	3,209	2,734	12,220	16,924	9,442	10,487	22,880	22,563	28,059	24,607	9,560	9,050
9	Unused land	–	–	712	819	4	26	129	569	178	579	–	236
UN	Unclassified	1,206	1,162	22	67	1,424	1,204	953	1,398	366	382	3,057	2,754
	Total	36,273	64,178	56,180	56,520	31,680	35,196	45,624	47,567	76,876	78,861	52,017	73,470

Table JR 10.1 cont'd

Code	Land Use Category	ULU SUNGAI JOHORE		ULU SUNGAI SEDILI BESAR	
		1974	1966	1974	1966
1U	Urban and associated areas	78	12	80	86
1E	Estate buildings and associated areas	142	8	23	–
1T	Tin mining areas	3,941	1,653	865	283
1X	Other mining and quarrying areas	465	–	–	7
1P	Power line right of way	–	–	–	–
6	Grasslands	639	4,966	775	2,028
7F	Forest	150,761	190,369	98,550	99,620
7S	Scrub forest	9,746	9,746	1,552	5,789
7C	Newly cleared land	14,701	9,615	3,586	146
8	Swamps	1,199	4,816	13,676	13,445
9	Unused land	3	–	–	–
UN	Unclassified	780	502	763	498
	Total	182,455	221,687	119,870	121,902

Table JR 11
Summary of agricultural land use in the district of Kota Tinggi (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,329	0.5	3,295	0.4	+ 1,034
2M	Market gardening	4	–	–	–	+ 4
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	4,854	0.6	–	–	–
3Gm	Mature rubber	51,338	6.0	–	–	–
3Gs	Senile rubber	17,155	2.0	–	–	–
	Sub-total	73,347	8.6	60,223	7.0	+ 13,124
30y	Young oil palm	26,614	3.1	–	–	–
30m	Mature oil palm	64,721	7.5	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	91,335	10.6	8,225	1.0	+ 83,110
3Cy	Young coconut	493	0.1	–	–	–
3Cm	Mature coconut	3,785	0.4	–	–	–
3Cs	Senile coconut	160	–	–	–	–
	Sub-total	4,438	0.5	3,007	0.3	+ 1,431
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	21,560	2.5	–	–	+ 21,560
3X	Orchards	388	–	226	–	+ 162
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	621	0.1	378	–	+ 243
4C	Diversified crops	131	–	722	0.1	– 591
4X	Shifting cultivation	–	–	21	–	– 21
5	Improved permanent pasture	–	–	–	–	–
	Total	196,153	22.8+	76,097	8.8*	+ 120,056

+ Based on the district total of 861,572 acres

* Based on the district total of 862,804 acres

Table JR 11.1
Summary of agricultural land use in the mukims of the district of Kota Tinggi (Johor)

Code	Land Use Category	JOHOR LAMA		KAMBAU	
		1974	1966	1974	1966
2H	Mixed horticulture	77	90	18	11
2M	Market gardening	4	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	474	–	–	–
3Gm	Mature rubber	9,877	–	790	–
3Gs	Senile rubber	469	–	932	–
	Sub-total	10,820	9,394	1,722	1,239
30y	Young oil palm	3,514	–	–	–
30m	Mature oil palm	17,044	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	20,558	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	123	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	123	64	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	11	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	9	5	–	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total (acres)	31,602	9,553	1,740	1,250

Table JR 11.1 cont'd

Code	Land Use Category	KOTA TINGGI		PANTAI TIMOR		PENGERANG		SEDILI BESAR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	701	1,124	402	6	266	997	1,350	451
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,669	–	–	–	143	–	103	–
3Gm	Mature rubber	27,408	–	26	–	2,516	–	2,544	–
3Gs	Senile rubber	6,510	–	11	–	1,127	–	1,028	–
	Sub-total	35,587	28,137	37	–	3,786	6,807	3,675	3,334
30y	Young oil palm	156	–	–	–	2,554	–	–	–
30m	Mature oil palm	17,753	–	–	–	4,170	–	84	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	17,909	2,512	–	–	6,724	–	84	–
3Cy	Young coconut	4	–	58	–	178	–	6	–
3Cm	Mature coconut	91	–	764	–	2,249	–	372	–
3Cs	Senile coconut	–	–	77	–	83	–	–	–
	Sub-total	95	150	899	1,034	2,510	1,548	378	12
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	5,194	–	–	–	–	–	–	–
3X	Orchards	238	87	–	–	20	21	18	5
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	572	363	–	120	–	–	17	1
4C	Diversified crops	–	17	–	–	78	461	–	10
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	60,296	32,390	1,338	1,160	13,384	9,834	5,522	4,09

Table JR 11.1 cont'd

Code	Land Use Category	SEDILI KECHIL		TANJONG SURAT		ULU SUNGAI JOHOR		ULU SUNGAI SEDILI BESAR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	132	110	104	165	1,064	154	215	187
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	190	–	415	–	1,521	–	339	–
3Gm	Mature rubber	179	–	2,289	–	1,459	–	4,250	–
3Gs	Senile rubber	12	–	5,227	–	1,839	–	–	–
	Sub-total	381	433	7,931	5,566	4,819	2,704	4,589	2,610
30y	Young oil palm	1,549	–	13,562	–	5,279	–	–	–
30m	Mature oil palm	–	–	5,520	–	20,150	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1,549	–	19,082	–	25,429	5,701	–	–
3Cy	Young coconut	9	–	14	–	224	–	–	–
3Cm	Mature coconut	53	–	133	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	62	–	147	84	224	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	16,366	–	–	–
3X	Orchards	–	4	11	7	90	46	–	3
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–	32	–
4C	Diversified crops	–	–	–	–	44	10	–	4
4X	Shifting cultivation	–	–	–	–	–	21	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,124	547	27,275	5,822	48,036	8,636	4,836	2,804

Table JR 12
Summary of non-agricultural land use in the district of Mersing (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	948	0.1	915	0.1	+ 33
1E	Estate buildings and associated areas	63	–	71	–	– 8
1T	Tin mining areas	6,032	0.9	1,746	0.2	+ 4,286
1X	Other mining and quarrying areas	189	–	35	–	+ 154
1P	Power line right of way	–	–	–	–	–
6	Grasslands	6,357	0.9	10,736	1.5	– 4,379
7F	Forest	517,866	73.1	547,384	77.0	– 29,518
7S	Scrub Forest	30,886	4.4	17,980	2.5	+ 12,906
7C	Newly cleared land	7,923	1.1	1,153	0.2	+ 6,770
8	Swamps	98,666	13.9	97,346	13.7	+ 1,320
9	Unused land	3,325	0.5	8,376	1.2	– 5,051
UN	Unclassified	6,007	0.8	5,199	0.7	+ 808
	Total	678,262	95.7+	690,941	97.1*	– 12,679

+ Based on district total of 708,592 acres

* Based on district total of 711,307 acres

Table JR 12.1
Summary of non-agricultural land use in the mukims of the district of Mersing (Johor)

Code	Land Use Category	JEMALUANG		LENGGOR	
		1974	1966	1974	1966
1U	Urban and associated areas	32	12	–	–
1E	Estate buildings and associated areas	–	–	–	–
1T	Tin mining areas	73	6	848	139
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	393	550	22	270
7F	Forest	17,111	20,080	138,081	147,369
7S	Scrub forest	292	916	7,678	74
7C	Newly cleared land	31	20	332	–
8	Swamps	12,344	8,777	7,880	7,190
9	Unused land	232	1,344	–	–
UN	Unclassified	104	88	300	95
	Total	30,612	31,793	155,141	155,137

Table JR 12.1 cont'd

Code	Land Use Category	MERSING		PADANG ENDAU		PENYABONG		PULAU AUR		PULAU BABI		PULAU PEMANGGIL	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	665	469	202	146	–	5	–	–	–	–	2	–
1E	Estate buildings and associated areas	63	71	–	–	–	–	–	–	–	–		–
1T	Tin mining areas	5,111	1,596	–	–	–	–	–	–	–	–		–
1X	Other mining and quarrying areas	–	26	–	9	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,108	5,045	366	1,327	1,183	961	–	–	88	91	–	–
7F	Forest	141,808	154,427	5,033	6,325	15,613	15,887	2,837	2,563	367	631	1,443	1,348
7S	Scrub forest	7,468	3,242	2,737	2,819	2,198	2,039	402	366	381	276	187	152
7C	Newly cleared land	5,820	903	990	33	147	3	–	–	28	8	–	–
8	Swamps	14,923	14,724	23,087	24,034	5,596	6,150	–	–	–	–	–	–
9	Unused land	39	296	72	236	229	850	205	503	200	636	178	321
UN	Unclassified	565	507	1,635	1,255	71	56	–	–	–	–	–	–
	Total	177,570	181,306	34,122	36,184	25,037	25,951	3,444	3,432	1,064	1,642	1,810	1,821

Table JR 12.1 cont'd

Code	Land Use Category	PULAU SIBU		PULAU TINGGI		SEMBRONG		TENGGAROH		TRIANG		TENGLU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	–	–	–	–	–	–	11	266	36	17
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	5
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	145	–	44	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	107	107	32	35	83	228	248	552	488	334	2,239	1,236
7F	Forest	497	493	2,538	2,578	118,615	119,196	43,670	43,151	7,082	7,742	23,171	25,594
7S	Scrub forest	175	218	722	660	2,328	1,956	94	810	1,881	3,058	4,343	1,394
7C	Newly cleared land	–	–	–	–	266	–	26	67	188	11	95	108
8	Swamps	29	29	12	11	26,228	26,379	815	365	1,752	1,281	6,000	8,406
9	Unused land	773	739	525	551	–	12	568	957	248	921	56	1,010
UN	Unclassified	–	–	–	–	1,978	1,906	124	27	1,117	1,176	113	89
	Total	1,581	1,586	3,829	3,835	149,643	149,677	45,589	45,929	12,767	14,789	36,053	37,859

Table JR 13
Summary of agricultural land use in the district of Mersing (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	2,137	0.3	1,446	0.2	+ 691
2M	Market gardening	19	—	11	—	+ 8
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	3,199	0.5	—	—	—
3Gm	Mature rubber	12,899	1.8	—	—	—
3Gs	Senile rubber	1,890	0.3	—	—	—
	Sub-total	17,988	2.6	12,452	1.8	+ 5,536
30y	Young oil palm	443	0.1	—	—	—
30m	Mature oil palm	567	0.1	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	1,010	0.2	—	—	+ 1,010
3Cy	Young coconut	737	0.1	—	—	—
3Cm	Mature coconut	4,133	0.6	—	—	—
3Cs	Senile coconut	386	0.1	—	—	—
	Sub-total	5,256	0.8	4,244	0.6	+ 1,012
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	5	—	—	—	+ 5
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	487	0.1	25	—	+ 462
3F	Fibre crops	—	—	—	—	—
3S	Sago	23	—	—	—	+ 23
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	1,997	0.3	1,349	0.2	+ 648
4C	Diversified crops	1,322	0.2	739	0.1	+ 583
4X	Shifting cultivation	86	—	100	—	— 14
5	Improved permanent pasture	—	—	—	—	—
	Total	30,330	4.3+	20,366	2.9*	+ 9,964

+ Based on the district total of 708,592 acres

* Based on the district total of 711,307 acres

Table JR 13.1
Summary of agricultural land use in the mukims of the district of Mersing (Johor)

Code	Land Use Category	JEMALUANG		LENGGOR	
		1974	1966	1974	1966
2H	Mixed horticulture	95	27	–	–
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	18	–	–	–
3Gm	Mature rubber	48	–	–	–
3Gs	Senile	70	–	–	–
	Sub-total	136	29	–	–
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	2	–	–	–
3Cm	Mature coconut	49	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	51	24	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	5	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	21	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	1	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	16	13	–	–
4C	Diversified crops	200	13	–	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total (acres)	525	106	–	–

Table JR 13.1 cont'd

Code	Land Use Category	MERSING		PADANG ENDAU		PENYABONG		PULAU AUR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	222	296	1,077	539	97	56	71	72
2M	Market gardening	19	11	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,762	–	339	–	–	–	13	–
3Gm	Mature rubber	7,259	–	1,530	–	168	–	–	–
3Gs	Senile rubber	970	–	13	–	97	–	–	–
	Sub-total	9,991	7,794	1,882	1,230	265	152	13	14
30y	Young oil palm	441	–	2	–	–	–	–	–
30m	Mature oil palm	567	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1,008	–	2	–	–	–	–	–
3Cy	Young coconut	23	–	308	–	35	–	–	–
3Cm	Mature coconut	361	–	192	–	138	–	722	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	384	281	500	448	173	104	722	732
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	300	8	33	13	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	13	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	193	114	1,179	777	138	50	–	–
4C	Diversified crops	201	8	469	227	39	5	–	–
4X	Shifting cultivation	–	–	28	35	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	12,331	8,512	5,170	3,269	712	367	806	818

Code	Land Use Category	PULAU BABI		PULAU PEMANGGIL		PULAU SIBU		PULAU TINGGI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	7	–	61	67	–	–	–	–
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	29	–	–	–	192	–	–	–
3Gm	Mature rubber	93	–	–	–	–	–	–	–
3Gs	Senile rubber	46	–	–	–	–	–	–	–
	Sub-total	168	–	–	–	192	–	–	–
3Oy	Young oil palm	–	–	–	–	–	–	–	–
3Om	Mature oil palm	–	–	–	–	–	–	–	–
3Os	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	551	–	483	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	386	–
	Sub-total	551	464	483	466	–	187	386	380
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–	–	–
4C	Diversified crops	–	–	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	726	464	544	533	192	187	386	380

Table JR 13.1 cont'd

Code	Land Use Category	SEMBRONG		TENGGAROH		TRIANG		TENGLU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	16	–	–	–	326	146	165	243
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	260	–	586	–
3Gm	Mature rubber	–	–	–	–	1,483	–	2,318	–
3Gs	Senile rubber	19	–	–	–	138	–	537	–
	Sub-total	19	5	–	–	1,881	1,364	3,441	1,864
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	340	–	29	–
3Cm	Mature coconut	–	–	–	–	780	–	857	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	1,120	552	886	606
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	133	4
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	9	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	86	471	309
4C	Diversified crops	–	–	–	–	354	212	59	274
4X	Shifting cultivation	58	54	–	–	–	11	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	93	59	–	–	3,681	2,371	5,164	3,300

Table JR 14
Summary of non-agricultural land use in the district of Muar (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	5,017	0.8	4,701	0.8	+ 316
1E	Estate buildings and associated areas	832	0.1	1,151	0.2	– 319
1T	Tin mining areas	881	0.1	691	0.1	+ 190
1X	Other mining and quarrying areas	387	–	1,373	0.2	– 986
1P	Power line right of way	202	–	559	0.1	– 357
6	Grasslands	5,339	0.9	16,236	2.6	– 10,897
7F	Forest	147,032	25.0	170,928	29.2	– 23,897
7S	Scrub forest	18,887	3.2	18,131	3.3	+ 756
7C	Newly cleared land	24,491	4.1	7,005	1.2	+ 17,486
8	Swamps	34,578	5.8	32,359	5.5	+ 2,219
9	Unused land	41	–	151	–	– 110
UN	Unclassified	6,544	1.1	4,832	0.8	+ 1,712
	Total	244,231	41.4+	258,117	44.1*	– 13,886

\+ Based on the district total of 590,426 acres

* Based on the district total of 585,524 acres

Table JR 14.1
Summary of non-agricultural land use in the mukims of the district of Muar (Johor)

Code	Land Use Category	AYER HITAM		BANDAR		BUKIT KEPONG		BUKIT SERAMPANG		GRISEK		JALAN BAKRI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	10	78	2,179	1,958	–	31	109	186	426	315	536	373
1E	Estate buildings and associated areas	–	–	–	–	–	5	44	45	70	86	64	36
1T	Tin mining areas	–	–	–	–	–	445	–	–	–	–	502	75
1X	Other mining and quarrying areas	146	54	–	–	–	150	–	–	20	6	–	462
1P	Power line right of way	–	–	27	90	–	–	–	–	–	–	–	–
6	Grasslands	229	677	3	111	746	679	695	1,963	760	1,581	9	562
7F	Forest	8,879	15,780	–	30	47,698	49,224	2,913	9,025	419	1,146	23	162
7S	Scrub forest	497	932	128	–	3,479	3,821	2,907	2,547	1,051	1,280	493	55
7C	Newly cleared land	1,961	1,157	457	–	4,336	85	4,472	998	2,684	1,202	497	36
8	Swamps	4,852	–	818	820	926	3,814	2,567	3,851	4,756	6,031	402	–
9	Unused land	–	–	–	–	–	2	–	–	–	88	–	–
UN	Unclassified	–	–	347	317	571	443	465	449	1,079	631	63	24
	Total	16,574	18,678	3,959	3,326	57,756	58,699	14,172	19,064	11,265	12,366	2,589	1,785

Table JR 14.1 cont'd

Code	Land Use Category	JORAK		KESANG		KUNDANG		LENGA		PARIT BAKAR		PARIT JAWA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	256	143	42	38	42	35	127	239	52	130	168	215
1E	Estate buildings and associated areas	136	200	–	–	–	24	61	228	–	–	32	37
1T	Tin mining areas	–	–	–	–	–	–	–	–	138	26	241	145
1X	Other mining and quarrying areas	156	160	–	–	–	15	–	34	–	52	59	420
1P	Power line right of way	–	–	10	30	13	19	–	–	47	66	14	58
6	Grasslands	229	1,002	49	108	1,178	610	264	1,484	18	40	153	869
7F	Forest	15,631	19,702	11	100	11	676	40,849	41,453	31	330	1,404	2,301
7S	Scrub forest	2,053	1,519	139	88	363	277	3,060	2,644	53	–	750	531
7C	Newly cleared land	1,262	332	362	30	261	80	1,739	491	218	5	914	11
8	Swamps	3,656	1,221	1,101	1,453	1,604	1,702	1,792	2,488	717	374	1,828	1,291
9	Unused land	–	–	5	–	–	39	–	–	14	–	13	–
UN	Unclassified	135	165	845	722	232	174	503	332	24	5	117	103
	Total	23,514	24,444	2,564	2,569	3,704	3,651	48,395	49,393	1,312	1,028	5,693	5,981

Table JR 14.1 cont'd

Code	Land Use Category	SEROM		SRI MENANTI		SUNGAI BALANG		SUNGAI RAYA		SUNGAI TERAP		TANGKAK	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	164	231	40	78	77	47	230	166	15	36	544	402
1E	Estate buildings and associated areas	11	7	–	–	–	–	39	–	–	–	375	483
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	5	–	8	6	7
1P	Power line right of way	–	9	77	129	14	140	–	–	–	18	–	–
6	Grasslands	337	534	94	1,342	44	284	–	176	2	62	529	4,152
7F	Forest	57	371	598	1,566	–	78	29	165	18	141	28,461	28,678
7S	Scrub forest	897	297	787	342	598	482	158	–	102	–	1,372	3,317
7C	Newly cleared land	809	190	1,604	133	575	23	347	–	135	–	1,858	2,232
8	Swamps	1,271	2,140	747	803	4,578	3,741	442	–	126	32	2,395	2,598
9	Unused land	–	–	9	–	–	–	–	–	–	–	–	22
UN	Unclassified	899	652	128	105	244	108	346	246	228	276	318	80
	Total	4,445	4,431	4,084	4,498	6,130	4,903	1,591	758	626	573	35,858	41,971

Table JR 15
Summary of agricultural land use in the district of Muar (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	20,734	3.5	8,134	1.4	+ 12,600
2M	Market gardening	522	0.1	834	0.1	– 312
2E	Agricultural stations	15	–	23	–	– 8
3Gy	Young rubber	26,759	4.5	–	–	–
3Gm	Mature rubber	197,009	33.4	–	–	–
3Gs	Senile rubber	27,020	4.6	–	–	–
	Sub-total	250,788	42.5	275,254	47.0	– 24,466
30y	Young oil palm	8,716	1.5	–	–	–
30m	Mature oil palm	16,734	3.0	–	–	–
30s	Senile oil palm	303	–	–	–	–
	Sub-total	25,753	4.5	8,049	1.4	+ 17,704
3Cy	Young coconut	2,552	0.4	–	–	–
3Cm	Mature coconut	19,892	3.3	–	–	–
3Cs	Senile coconut	996	0.1	–	–	–
	Sub-total	23,440	3.8	24,918	4.2	– 1,478
3N	Pineapple	3,889	0.6	11	–	+ 3,878
3T	Tea	–	–	–	–	–
3K	Coffee	162	–	–	–	+ 162
3A	Cocoa	1,714	0.3	–	–	+ 1,714
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	4,324	0.7	2,615	0.4	+ 1,709
3F	Fibre crops	–	–	–	–	–
3S	Sago	485	0.1	435	0.1	+ 50
3B	Banana	2	–	–	–	+ 2
3H	Fish ponds	8	–	–	–	+ 8
3R	Arecanut	–	–	–	–	–
4P	Padi	8,924	1.5	6,621	1.1	+ 2,303
4C	Diversified crops	5,435	0.9	513	0.1	+ 4,922
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	346,195	58.6+	327,407	55.9*	+ 18,788

+ Based on the district total of 590,426 acres

* Based on the district total of 585,524 acres

Table JR 15.1
Summary of agricultural land use in the mukims of the district of Muar (Johor)

Code	Land Use Category	AYER HITAM		BANDAR	
		1974	1966	1974	1966
2H	Mixed horticulture	691	219	2,097	392
2M	Market gardening	–	–	2	34
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	2,234	–	185	–
3Gm	Mature rubber	4,674	–	3,380	–
3Gs	Senile rubber	140	–	769	–
	Sub-total	7,048	7,875	4,334	6,037
30y	Young oil palm	14	–	8	–
30m	Mature oil palm	13	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	27	–	8	–
3Cy	Young coconut	825	–	12	–
3Cm	Mature coconut	1,766	–	242	–
3Cs	Senile coconut	7	–	–	–
	Sub-total	2,598	2,021	254	481
3N	Pineapple	3,402	11	–	–
3T	Tea	–	–	–	–
3K	Coffee	8	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	22	95	280	695
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	2	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	172	–	47	16
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total (acres)	13,970	10,221	7,022	7,655

Code	Land Use Category	BUKIT KEPONG		BUKIT SERAMPANG		GRISEK		JALAN BAKRI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	260	171	555	517	1,690	1,376	1,176	323
2M	Market gardening	33	–	–	–	–	28	86	115
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	416	–	5,147	–	3,214	–	1,295	–
3Gm	Mature rubber	2,789	–	24,305	–	24,799	–	9,523	–
3Gs	Senile rubber	960	–	1,141	–	2,677	–	1,009	–
	Sub-total	4,165	4,525	30,593	27,908	30,690	33,344	11,829	13,509
30y	Young oil palm	1,100	–	503	–	1,043	–	56	–
30m	Mature oil palm	–	–	1,138	–	4,355	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1,100	–	1,641	137	5,398	2,912	56	–
3Cy	Young coconut	–	–	2	–	16	–	–	–
3Cm	Mature coconut	–	–	2	–	168	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	4	35	184	87	–	66
3N	Pineapple	–	–	–	–	–	–	20	–
3T	Tea	–	–	–	–	–	–	–	
3K	Coffee	–	–	–	–	22	–	12	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	21	2	80	19	354	84	192	206
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	132	107	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	8	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	209	122	832	252	1,228	948	43	–
4C	Diversified crops	7	15	79	–	480	152	71	77
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,795	4,835	33,784	28,868	40,178	39,038	13,491	14,296

Table JR 15.1 cont'd

Code	Land Use Category	JORAK		KESANG		KUNDANG		LENGA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	892	562	1,282	115	154	89	802	499
2M	Market gardening	4	17	–	16	–	4	–	29
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2,058	–	119	–	759	–	2,772	–
3Gm	Mature rubber	19,913	–	1,529	–	7,768	–	15,158	–
3Gs	Senile rubber	4,583	–	735	–	624	–	2,454	–
	Sub-total	26,554	31,402	2,383	3,675	9,151	9,918	20,384	21,937
30y	Young oil palm	1,156	–	–	–	209	–	1,125	–
30m	Mature oil palm	6,220	–	5	–	66	–	808	–
30s	Senile oil palm	303	–	–	–	–	–	–	–
	Sub-total	7,679	2,818	5	–	275	–	1,933	309
3Cy	Young coconut	6	–	159	–	–	–	–	–
3Cm	Mature coconut	46	–	1,431	–	10	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	52	83	1,590	1,962	10	80	–	16
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	431	44	726	506	145	79	156	2
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	5	13	3	13	10	8	–	29
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	553	462	683	649	1,024	681	1,139	646
4C	Diversified crops	249	55	318	25	96	–	117	48
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	36,419	35,456	6,990	6,961	10,865	10,859	24,531	23,515

Code	Land Use Category	PARIT BAKAR		PARIT JAWA		SEROM		SRI MENANTI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	2,247	514	1,359	396	1,744	755	1,467	152
2M	Market gardening	30	6	–	–	–	–	7	8
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	536	–	613	–	1,885	–	563	–
3Gm	Mature rubber	4,876	–	7,990	–	16,183	–	8,448	–
3Gs	Senile rubber	515	–	638	–	1,423	–	719	–
	Sub-total	5,927	8,139	9,241	10,280	19,491	21,637	9,730	11,131
30y	Young oil palm	8	–	70	–	317	–	420	–
30m	Mature oil palm	–	–	–	–	158	–	99	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	8	–	70	–	475	–	519	–
3Cy	Young coconut	8	–	19	–	109	–	709	–
3Cm	Mature coconut	7	–	302	–	499	–	4,486	–
3Cs	Senile coconut	–	–	–	–	–	–	392	–
	Sub-total	15	84	321	489	608	832	5,587	6,669
3N	Pineapple	47	–	8	–	–	–	297	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	2	–
3A	Cocoa	–	–	3	–	–	–	8	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	161	128	181	22	528	234	76	34
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	15	–	126	108	17	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	773	711	–	–
4C	Diversified crops	162	–	300	–	726	33	1,085	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	8,597	8,871	11,498	11,187	24,471	24,310	18,795	17,994

Table JR 15.1 cont'd

Code	Land Use Category	JORAK		KESANG		KUNDANG		LENGA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	892	562	1,282	115	154	89	802	499
2M	Market gardening	4	17	–	16	–	4	–	29
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2,058	–	119	–	759	–	2,772	–
3Gm	Mature rubber	19,913	–	1,529	–	7,768	–	15,158	–
3Gs	Senile rubber	4,583	–	735	–	624	–	2,454	–
	Sub-total	26,554	31,402	2,383	3,675	9,151	9,918	20,384	21,937
30y	Young oil palm	1,156	–	–	–	209	–	1,125	–
30m	Mature oil palm	6,220	–	5	–	66	–	808	–
30s	Senile oil palm	303	–	–	–	–	–	–	–
	Sub-total	7,679	2,818	5	–	275	–	1,933	309
3Cy	Young coconut	6	–	159	–	–	–	–	–
3Cm	Mature coconut	46	–	1,431	–	10	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	52	83	1,590	1,962	10	80	–	16
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	431	44	726	506	145	79	156	2
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	5	13	3	13	10	8	–	29
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	553	462	683	649	1,024	681	1,139	646
4C	Diversified crops	249	55	318	25	96	–	117	48
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	36,419	35,456	6,990	6,961	10,865	10,859	24,531	23,515

Code	Land Use Category	PARIT BAKAR		PARIT JAWA		SEROM		SRI MENANTI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	2,247	514	1,359	396	1,744	755	1,467	152
2M	Market gardening	30	6	–	–	–	–	7	8
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	536	–	613	–	1,885	–	563	–
3Gm	Mature rubber	4,876	–	7,990	–	16,183	–	8,448	–
3Gs	Senile rubber	515	–	638	–	1,423	–	719	–
	Sub-total	5,927	8,139	9,241	10,280	19,491	21,637	9,730	11,131
30y	Young oil palm	8	–	70	–	317	–	420	–
30m	Mature oil palm	–	–	–	–	158	–	99	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	8	–	70	–	475	–	519	–
3Cy	Young coconut	8	–	19	–	109	–	709	–
3Cm	Mature coconut	7	–	302	–	499	–	4,486	–
3Cs	Senile coconut	–	–	–	–	–	–	392	–
	Sub-total	15	84	321	489	608	832	5,587	6,669
3N	Pineapple	47	–	8	–	–	–	297	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	2	–
3A	Cocoa	–	–	3	–	–	–	8	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	161	128	181	22	528	234	76	34
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	15	–	126	108	17	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	773	711	–	–
4C	Diversified crops	162	–	300	–	726	33	1,085	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	8,597	8,871	11,498	11,187	24,471	24,310	18,795	17,994

Code	Land Use Category	SUNGAI BALANG		SUNGAI RAYA		SUNGAI TERAP		TANGKAK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,215	338	520	94	1,237	470	1,346	1,152
2M	Market gardening	–	–	–	–	–	–	360	577
2E	Agricultural stations	–	–	–	–	–	–	15	23
3Gy	Young rubber	602	–	337	–	189	–	3,834	–
3Gm	Mature rubber	4,631	–	3,291	–	2,452	–	35,300	–
3Gs	Senile rubber	281	–	462	–	583	–	7,307	–
	Sub-total	5,414	6,778	4,090	5,629	3,224	3,786	46,441	47,744
30y	Young oil palm	137	–	126	–	5	–	2,419	–
30m	Mature oil palm	10	–	3	–	15	–	3,844	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	147	–	129	–	20	–	6,263	1,873
3Cy	Young coconut	656	–	–	–	3	–	28	–
3Cm	Mature coconut	8,924	–	–	–	204	–	1,805	–
3Cs	Senile coconut	597	–	–	–	–	–	–	–
	Sub-total	10,177	11,351	–	28	207	169	1,833	465
3N	Pineapple	115	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	79	–	–	–	39	–	–	–
3A	Cocoa	–	–	–	–	–	–	1,703	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	13	65	130	28	135	104	693	268
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	74	54	–	–	103	103
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	938	1,000	89	46	183	530	1,230	574
4C	Diversified crops	274	–	19	6	3	–	1,230	86
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	18,472	19,532	5,051	5,885	5,048	5,059	61,217	52,865

Table JR 16
Summary of non-agricultural land use in the district of Pontian (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,610	0.7	1,138	0.5	+ 472
1E	Estate buildings and associated areas	32	–	137	–	– 105
1T	Tin mining areas	40	–	–	–	+ 40
1X	Other mining and quarrying areas	133	0.1	128	–	+ 5
1P	Power line right of way	46	–	–	–	+ 46
6	Grasslands	4,336	1.8	10,471	4.5	– 6,135
7F	Forest	10,514	4.4	2,210	0.9	+ 8,304
7S	Scrub forest	7,033	2.9	9,524	4.1	– 2,491
7C	Newly cleared land	15,930	6.6	1,126	0.5	+ 14,804
8	Swamps	31,307	13.0	50,308	21.4	– 19,001
9	Unused land	694	0.3	4,220	1.8	– 3,526
UN	Unclassified	4,792	2.0	4,727	2.0	+ 65
	Total	76,467	31.8+	83,989	35.8*	– 7,522

+ Based on district total of 239,937 acres

* Based on district total of 234,534 acres

Table JR 16.1
Summary of non-agricultural land use in the mukims of the district of Pontian (Johor)

Code	Land Use Category	API-API		AYER BALOI		AYER MASIN		BENUT		JERAM BATU		PENGKALAN RAJA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	91	102	13	34	61	48	61	9	554	434	–	–
1E	Estate buildings and associated areas	–	8	–	–	–	17	–	–	32	70	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	40	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	69	86	64	42
1P	Power line right of way	–	–	–	–	–	–	–	–	26	–	–	–
6	Grasslands	335	285	1,193	723	309	98	516	3,322	480	1,203	11	466
7F	Forest	1,784	66	7,202	–	–	–	–	52	2	367	59	44
7S	Scrub forest	488	457	2,776	1,196	40	47	565	2,312	719	1,485	139	214
7C	Newly cleared land	1,620	47	2,464	10	679	73	1,300	70	949	286	209	43
8	Swamps	1,085	2,690	3,217	15,661	774	897	3,638	3,835	6,354	6,343	98	–
9	Unused land	–	890	–	670	18	395	–	242	–	–	–	–
UN	Unclassified	339	151	404	381	5	–	733	741	933	989	–	–
	Total	5,742	4,696	17,269	18,675	1,886	1,575	6,813	10,583	10,158	11,263	580	809

Table JR 16.1 cont'd

Code	Land Use Category	PONTIAN		PULAU KUKUP		RIMBA TERJUN		SERKAT		SUNGAI KARANG		SUNGAI PINGGAN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	412	234	–	–	262	152	46	27	–	–	110	98
1E	Estate buildings and associated areas	–	42	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	1	–	–	–	19	–	–	–	–	–	–	–
6	Grasslands	260	1,586	–	–	555	516	72	581	315	648	290	1,043
7F	Forest	1,225	1,154	–	–	–	220	–	5	75	121	167	181
7S	Scrub forest	1,187	2,593	–	–	160	144	8	143	127	259	824	674
7C	Newly cleared land	3,813	168	–	–	1,470	329	376	–	484	100	2,566	–
8	Swamps	548	2,443	1,567	1,671	524	630	5,242	5,374	8,025	7,644	235	3,120
9	Unused land	–	16	676	284	–	1,385	–	338	–	–	–	–
UN	Unclassified	125	111	–	–	19	331	725	582	1,128	1,284	381	157
	Total	7,571	8,347	2,243	1,955	3,009	3,707	6,469	7,050	10,154	10,056	4,573	5,273

Table JR 17
Summary of agricultural land use in the district of Pontian (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	11,348	4.7	12,254	5.2	– 906
2M	Market gardening	23	–	53	–	– 30
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	13,586	5.7	–	–	–
3Gm	Mature rubber	54,228	22.6	–	–	–
3Gs	Senile rubber	12,700	5.3	–	–	–
	Sub-total	80,514	33.6	84,372	36.0	– 3,858
30y	Young oil palm	1,023	0.4	–	–	–
30m	Mature oil palm	390	0.2	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	1,413	0.6	–	–	+ 1,413
3Cy	Young coconut	7,271	3.0	–	–	–
3Cm	Mature coconut	23,953	10.0	–	–	–
3Cs	Senile coconut	712	0.3	–	–	–
	Sub-total	31,936	13.3	21,444	9.1	+ 10,492
3N	Pineapple	26,223	10.9	27,497	11.7	– 1,274
3T	Tea	–	–	–	–	–
3K	Coffee	418	0.2	331	0.1	+ 87
3A	Cocoa	162	0.1	–	–	+ 162
3P	Pepper	–	–	3	–	– 3
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	3,119	1.3	406	0.2	+ 2,713
3F	Fibre crops	–	–	–	–	–
3S	Sago	744	0.3	403	0.2	341
3B	Banana	3,034	1.3	–	–	+ 3,034
3H	Fish ponds	152	0.1	13	–	+ 139
3R	Arecanut	2,205	0.9	1,580	0.7	+ 625
4P	Padi	26	–	1,291	0.5	– 1,265
4C	Diversified crops	2,150	0.9	898	0.4	+ 1,252
4X	Shifting cultivation	3	–	–	–	+ 3
5	Improved permanent pasture	–	–	–	–	–
	Total	163,470	68.2+	150,545	64.2*	+ 12,925

\+ Based on the district total of 239,937 acres

* Based on the district total of 234,534 acres

Table JR 17.1
Summary of agricultural land use in the mukims of the district of Pontian (Johor)

Code	Land Use Category	API-API		AYER BALOI		AYER MASIN		BENUT	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,809	2,034	2,221	1,801	293	232	936	1,066
2M	Market gardening	5	–	–	21	–	3	12	12
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,113	–	1,426	–	749	–	1,104	–
3Gm	Mature rubber	4,400	–	7,776	–	2,198	–	10,646	–
3Gs	Senile rubber	1,151	–	793	–	527	–	1,027	–
	Sub-total	6,664	8,527	9,995	11,501	3,474	4,168	12,777	12,938
30y	Young oil palm	92	–	31	–	81	–	77	–
30m	Mature oil palm	47	–	10	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	139	–	41	–	81	–	77	–
3Cy	Young coconut	520	–	1,019	–	738	–	1,132	–
3Cm	Mature coconut	864	–	2,997	–	1,072	–	9,593	–
3Cs	Senile coconut	–	–	–	–	58	–	5	–
	Sub-total	1,384	1,004	4,016	3,136	1,868	1,619	10,730	8,282
3N	Pineapple	4,875	5,488	984	380	1,391	1,627	879	259
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	37	–	–	–	322	331
3A	Cocoa	–	–	162	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	820	53	589	34	15	8	46	9
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	286	171	17	30	161	150	44	18
3B	Banana	2	–	838	–	–	–	542	–
3H	Fish ponds	10	–	–	–	–	–	–	–
3R	Arecanut	15	38	456	64	–	4	1,524	1,109
4P	Padi	–	102	–	149	–	–	–	–
4C	Diversified crops	3	28	367	292	16	–	968	219
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total (acres)	16,012	17,445	19,723	17,408	7,299	7,811	28,857	24,243

Table JR 17.1 cont'd

Code	Land Use Category	JERAM BATU		PENGKALAN RAJA		PONTIAN		PULAU KUKUP	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	382	623	137	152	2,426	1,784	–	–
2M	Market gardening	5	12	–	–	1	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,295	–	165	–	2,829	–	–	–
3Gm	Mature rubber	8,595	–	630	–	6,839	–	–	–
3Gs	Senile rubber	2,410	–	341	–	1,831	–	–	–
	Sub-total	12,300	11,616	1,136	825	11,499	10,820	–	–
30y	Young oil palm	6	–	–	–	126	–	–	–
30m	Mature oil palm	204	–	–	–	68	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	210	–	–	–	194	–	–	–
3Cy	Young coconut	750	–	–	–	444	–	–	–
3Cm	Mature coconut	838	–	–	–	71	–	–	–
3Cs	Senile coconut	31	–	–	–	297	–	–	–
	Sub-total	1,619	722	–	–	812	619	–	–
3N	Pineapple	2,091	3,259	804	911	8,174	8,282	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	7	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	3	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	674	120	43	9	329	85	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	6	53	28	–	–
3B	Banana	67	–	–	–	325	–	–	–
3H	Fish ponds	13	4	–	9	–	–	–	–
3R	Arecanut	–	13	–	–	6	11	–	–
4P	Padi	–	–	11	–	15	–	–	–
4C	Diversified crops	319	72	16	16	145	140	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	17,680	16,444	2,147	1,928	23,986	21,769	–	–

Table JR 17.1 cont'd

Code	Land Use Category	RIMBA TERJUN		SERKAT		SUNGAI KARANG		SUNGAI PINGGAN	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,452	2,021	488	1,504	109	260	1,095	777
2M	Market gardening	–	5	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2,183	–	285	–	916	–	1,521	–
3Gm	Mature rubber	5,204	–	1,806	–	1,166	–	4,968	–
3Gs	Senile rubber	1,454	–	1,313	–	1,340	–	513	–
	Sub-total	8,841	9,873	3,404	3,788	3,422	3,290	7,002	7,026
30y	Young oil palm	583	–	–	–	–	–	27	–
30m	Mature oil palm	61	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	644	–	–	–	–	–	27	–
3Cy	Young coconut	1,067	–	326	–	133	–	1,142	–
3Cm	Mature coconut	2,367	–	3,587	–	727	–	1,837	–
3Cs	Senile coconut	41	–	56	–	192	–	32	–
	Sub-total	3,475	1,173	3,969	2,315	1,052	796	3,011	1,778
3N	Pineapple	4,896	5,071	354	301	1,452	1,773	323	146
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	4	–	–	–	–	–	48	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	366	56	41	6	–	–	196	26
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	75	–	57	–	–	–	51	–
3B	Banana	118	–	12	–	–	–	1,130	–
3H	Fish ponds	–	–	129	–	–	–	–	–
3R	Arecanut	22	20	75	48	–	–	107	273
4P	Padi	–	–	–	–	–	–	–	1,040
4C	Diversified crops	131	96	10	16	15	–	160	16
4X	Shifting cultivation	–	–	–	–	–	3	3	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	20,024	18,315	8,539	7,978	6,050	6,122	13,153	11,082

Table JR 18
Summary of non-agricultural land use in the district of Segamat (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	2,976	0.4	2,697	0.4	+ 279
1E	Estate buildings and associated areas	1,023	0.1	1,079	0.2	— 56
1T	Tin mining areas	—	—	128	—	— 128
1X	Other mining and quarrying areas	—	—	—	—	—
1P	Power line right of way	311	—	—	—	+ 311
6	Grasslands	9,565	1.3	22,945	3.2	— 13,380
7F	Forest	372,436	52.5	403,099	56.9	— 30,663
7S	Scrub forest	24,791	3.5	36,306	5.1	— 11,515
7C	Newly cleared land	22,313	3.1	8,233	1.2	+ 14,080
8	Swamps	18,236	2.6	23,447	3.3	— 5,211
9	Unused land	183	—	—	—	+ 183
UN	Unclassified	3,075	0.4	2,920	0.4	+ 155
	Total	454,909	64.2+	500,854	70.7*	— 45,945

+ Based on the district total of 708,841 acres

* Based on the district total of 708,658 acres

Table JR 18.1
Summary of non-agricultural land use in the mukims of the district of Segamat (Johor)

Code	Land Use Category	BEKOK		BULOH KASAP		CHA'AH		GEMERAH		GEMAS		JABI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	129	148	202	133	330	298	19	18	108	73	16	–
1E	Estate buildings and associated areas	98	172	19	32	275	321	–	4	255	153	25	4
1T	Tin mining areas	–	–	–	128	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	45	–	150	–	–	–
6	Grasslands	711	1,762	1,384	2,163	407	1,988	156	366	775	1,785	338	988
7F	Forest	174,120	173,355	26,837	31,972	8,240	13,328	598	796	41,084	40,018	24,829	25,472
7S	Scrub forest	7,751	8,956	2,996	2,256	1,259	1,589	532	252	1,328	4,373	1,138	1,556
7C	Newly cleared land	261	1,020	3,604	432	1,099	516	126	38	1,214	2,130	396	806
8	Swamps	–	–	7,446	8,621	35	508	483	752	505	742	263	954
9	Unused land	–	–	–	–	–	–	–	–	183	–	–	–
UN	Unclassified	804	667	392	353	220	165	64	64	292	514	–	69
	Total	183,874	186,080	42,880	46,090	11,865	18,713	2,023	2,290	45,894	49,788	27,005	29,849

Table JR 18.1 cont'd

Code	Land Use Category	JEMENTAH		LABIS		SERMIN		SUNGAI SEGAMAT		POGOH		SEGAMAT TOWN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	367	181	496	679	13	–	347	523	256	179	693	465
1E	Estate buildings and associated areas	81	71	68	26	31	45	56	106	115	119	–	26
1T	Tin mining	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	116	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	604	3,584	1,994	5,109	207	295	1,480	1,706	1,430	2,991	79	208
7F	Forest	18,293	17,345	46,418	52,815	12,920	20,249	12,025	18,619	7,072	9,096	–	34
7S	Scrub forest	1,391	5,374	3,546	5,666	842	564	1,137	1,847	2,871	3,841	–	32
7C	Newly cleared land	2,017	804	5,507	673	2,136	887	4,038	159	1,915	768	–	–
8	Swamps	3,971	3,512	1,429	3,194	1,175	1,111	852	1,404	2,077	2,647	–	2
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	207	251	361	236	–	22	293	342	418	237	24	–
	Total	27,047	31,122	59,819	68,398	17,324	23,173	20,228	24,706	16,154	19,878	796	767

Table JR 19
Summary of agricultural land use in the district of Segamat (Johor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,728	1.0	4,934	0.7	+ 1,794
2M	Market gardening	192	–	506	0.1	– 314
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	27,327	3.8	–	–	–
3Gm	Mature rubber	135,537	19.1	–	–	–
3Gs	Senile rubber	12,190	1.7	–	–	–
	Sub-total	175,054	24.7	178,623	25.2	– 3,569
30y	Young oil palm	18,904	2.7	–	–	–
30m	Mature oil palm	41,375	5.8	–	–	–
30s	Senile oil palm	3,432	0.5	–	–	–
	Sub-total	63,711	9.0	20,864	2.9	+ 42,847
3Cy	Young coconut	247	–	–	–	–
3Cm	Mature coconut	87	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	334	–	447	0.1	– 113
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	93	–	79	–	+ 14
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	1,777	0.3	504	0.1	+ 1,273
3F	Fibre crops	–	–	–	–	–
3S	Sago	139	–	132	–	+ 7
3B	Banana	–	–	–	–	–
3H	Fish ponds	12	–	–	–	+ 12
3R	Arecanut	–	–	–	–	–
4P	Padi	4,775	0.7	1,657	0.2	+ 3,118
4C	Diversified crops	1,117	0.1	28	–	+ 1,089
4X	Shifting cultivation	–	–	30	–	– 30
5	Improved permanent pasture	–	–	–	–	–
	Total	253,932	35.8+	207,804	29.3*	+ 46,128

+ Based on the district total of 708,841 acres

* Based on the district total of 708,658 acres

Table JR 19.1
Summary of agricultural land use in the mukims of the district of Segamat (Johor)

Code	Land Use Category	BEKOK		BULOH KASAP		CHA'AH		GEMERAH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	35	95	983	584	406	287	991	839
2M	Market gardening	–	–	19	8	20	47	74	32
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	761	–	2,998	–	1,524	–	192	–
3Gm	Mature rubber	13,668	–	11,966	–	6,834	–	1,376	–
3Gs	Senile rubber	1,602	–	288	–	1,134	–	205	–
	Sub-total	16,031	21,678	15,252	16,636	9,492	8,964	1,773	1,893
30y	Young oil palm	1,022	–	2,979	–	1,798	–	4	–
30m	Mature oil palm	7,177	–	552	–	17,421	–	–	–
30s	Senile oil palm	–	–	–	–	3,432	–	–	–
	Sub-total	8,199	434	3,531	99	22,651	17,149	4	–
3Cy	Young coconut	–	–	182	–	–	–	–	–
3Cm	Mature coconut	–	–	12	–	15	–	31	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	194	49	15	26	31	180
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	4	–	89	79	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	34	7	225	71	282	70	156	16
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	4	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	608	263	195	–	198	–
4C	Diversified crops	147	–	214	3	330	–	–	–
4X	Shifting cultivation	–	30	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total (acres)	24,450	22,244	21,115	17,796	33,391	26,543	3,227	2,960

Code	Land Use Category	GEMAS		JABI		JEMENTAH		LABIS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	205	95	357	522	583	331	1,104	540
2M	Market gardening	–	6	–	30	3	68	20	147
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2,050	–	826	–	4,661	–	4,594	–
3Gm	Mature rubber	12,382	–	4,047	–	19,227	–	29,776	–
3Gs	Senile rubber	1,702	–	234	–	827	–	3,526	–
	Sub-total	16,134	23,023	6,107	3,451	24,715	24,091	37,896	35,518
3Oy	Young oil palm	2,939	–	–	–	1,877	–	4,641	–
3Om	Mature oil palm	9,727	–	–	–	796	–	602	–
3Os	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	12,666	2,231	–	–	2,673	–	5,243	–
3Cy	Young coconut	–	–	–	–	–	–	12	–
3Cm	Mature coconut	–	–	–	–	12	–	5	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	34	12	37	17	27
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	75	32	278	13	28	40	130	67
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	2	–	–	93	58	40	30
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	12	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	200	153	171	31	805	229	817	373
4C	Diversified crops	166	10	12	–	10	5	39	–
4X	Shifting culrivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total (acres)	29,446	25,552	6,925	4,081	28,934	24,859	45,306	36,702

Code	Land Use Category	SERMIN		SUNGAI SEGAMAT		POGOH		SEGAMAT TOWN	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	407	349	816	660	713	496	128	136
2M	Market gardening	–	–	36	48	10	96	10	24
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,536	–	3,517	–	3,664	–	4	–
3Gm	Mature rubber	4,924	–	18,123	–	13,000	–	214	–
3Gs	Senile rubber	122	–	530	–	2,008	–	12	–
	Sub-total	6,582	6,610	22,170	18,933	18,672	17,630	230	196
30y	Young oil palm	3,120	–	301	–	223	–	–	–
30m	Mature oil palm	2,786	–	–	–	2,314	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	5,906	310	301	–	2,537	641	–	–
3Cy	Young coconut	47	–	–	–	6	–	–	–
3Cm	Mature coconut	12	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	59	12	–	56	6	2	–	24
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	98	30	311	38	137	74	23	46
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	6	38	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	282	164	748	324	745	120	6	–
4C	Diversified crops	–	10	179	–	20	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total (acres)	13,334	7,485	24,561	20,059	22,846	19,097	397	426

THE PRESENT LAND USE OF KEDAH

The General Pattern

In the State of Kedah the highlands to the east and north are largely forested. The foothills and coastal plain to the west of the mountains have been used for agricultural development.

Rubber is the major crop of the foothills region and is most extensive in the southern half of the State. Both smallholders and large commercial estates are involved in the cultivation of this crop. The coastal plain which is most extensive in the northwest portion of the State is the largest padi-growing area in Peninsular Malaysia. The padi is cultivated wholely by smallholders so that a characteristic feature of the padi basin is the presence of elongated settlements on ground raised above the surrounding padi fields. These are the mixed horticulture units where the complexity of the cropping pattern is indicative of cultivation for home consumption as the primary objective. Thus coconuts form the major tree crop with mixtures of fruit trees, bananas, tapioca, yams, sugarcane and market gardens in various combinations and intensities.

Within areas of tree crops intertilling with low crops are possible so that the intensity of land use is increased. Such intensity in land use increases the total land use acreage. To account for such increases the crop equivalent factor has been adopted. This factor is explained in the section on the Methodology of Survey. Consequently the land use area in 1974 is 2,581 acres (1,045 ha) larger than the physical area of the State. This increase is the result of intermixture between rubber, coconut and orchards, on the one hand, and scrub forest, diversified crops and padi, on the other.

Post – 1966 Developments

The establishment of the new district of Pendang brings the total number of districts in the State of Kedah to 11. This action has also reduced the size of the district of Kota Setar from which 8 mukims (Air Puteh, Bukit Raya, Guar Kepayang, Padang Kerbau, Padang Peliang, Padang Pusing, Rambai and Tobiar) were transferred en bloc to form the district of Pendang. To facilitate comparisons between the land use in 1966 (Wong, 1970b) and 1974 the district boundaries of the 1966 map manuscripts were adjusted to match those in 1974.

Table KH 1
The land use summary of the State of Kedah

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	2,341,875	2,341,007	+ 868
Total land use area	2,344,456*	2,341,420	+ 3,036
Cultivated area	1,063,154	886,816	+ 176,338
Newly cleared land	56,039	31,311	+ 24,728
Total agricultural land	1,119,193	918,127	+ 201,066

* The land use acreage in 1974 is 2,581 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. The difference in 1966 was 413 acres.

Accretion of coastline on the Langkawi Islands has resulted in an overall increase in the physical area of the State by 868 acres (352 ha). The land use area in 1974 shows an increase of 3,036 acres (1,230 ha) over that in 1966 (Table KH 1). Agricultural land use has expanded even further. Land under cultivation at the time of the survey shows an increase of 176,338 acres (71,417 ha). This figure, however, does not take into consideration the total area earmarked for agricultural development. To obtain a closer assessment of the total land devoted to agricultural use the areas of newly cleared land would have to be included. Such inclusion brings the total agricultural land use in the State to 1,119,193 acres (453,273 ha). Compared to the 1966 total of 918,127 acres (371,841 ha) there is a net increase of 201,066 acres (81,432 ha) in 1974.

Further comparisons by land use category at the State, district and mukim levels are indicated in Tables KH 2 to KH 25.

Table KH 2
Summary of non-agricultural land use in the State of Kedah

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	13,478	0.6	10,079	0.4	+ 3,399
1E	Estate buildings and associated areas	2,669	0.1	2,595	0.1	+ 74
1T	Tin mining areas	3,066	0.1	1,758	0.1	+ 1,308
1X	Other mining and quarrying areas	845	—	210	—	+ 635
1P	Power line right of way	224	—	108	—	+ 116
6	Grasslands	44,901	1.9	78,740	3.4	— 33,839
7F	Forest	947,984	40.4	1,025,236	43.8	— 77,252
7S	Scrub forest	121,614	5.2	211,308	9.0	— 89,694
7C	Newly cleared land	56,153	2.4	31,311	1.3	+ 24,842
8	Swamps	46,821	2.0	74,509	3.2	— 27,688
9	Unused land	4,931	0.2	3,982	0.2	+ 949
UN	Unclassified	38,730	1.7	14,768	0.6	+ 23,962
	Total	1,281,416	54.7+	1,454,604	62.1*	— 173,188

+ Based on the State total of 2,344,456 acres

* Based on the State total of 2,341,420 acres

Table KH 3
Summary of agricultural land use in the State of Kedah

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	93,390	4.0	93,837	4.0	— 447
2M	Market gardening	260	—	534	—	— 274
2E	Agricultural stations	396	—	228	—	+ 168
3Gy	Young rubber	105,040	4.5	—	—	—
3Gm	Mature rubber	391,185	16.7	—	—	—
3Gs	Senile rubber	94,535	4.0	—	—	—
	Sub-total	590,760	25.2	456,887	19.5	+ 133,873
30y	Young oil palm	3,607	0.2	—	—	—
30m	Mature oil palm	8,542	0.4	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	12,149	0.6	338	—	+ 11,811
3Cy	Young coconut	507	—	—	—	—
3Cm	Mature coconut	5,651	0.2	—	—	—
3Cs	Senile coconut	85	—	—	—	—
	Sub-total	6,243	0.2	8,072	0.3	— 1,829
3N	Pineapple	38	—	42	—	— 4
3T	Tea	—	—	—	—	—
3K	Coffee	11	—	3	—	+ 8
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	2,713	0.1	—	—	+ 2,713
3X	Orchards	5,341	0.2	1,675	0.1	+ 3,666
3F	Fibre crops	—	—	—	—	—
3S	Sago	395	—	378	—	+ 17
3B	Banana	—	—	—	—	—
3H	Fish ponds	27	—	4	—	+ 23
3R	Arecanut	—	—	—	—	—
4P	Padi	343,763	14.7	321,438	13.7	+ 22,325
4C	Diversified crops	7,130	0.3	3,136	0.1	+ 3,994
4X	Shifting cultivation	424	—	244	—	+ 180
5	Improved permanent pasture	—	—	—	—	—
	Total	1,063,040	45.3+	886,816	37.9*	+ 176,224

+ Based on the State total of 2,344,456 acres

* Based on the State total of 2,341,420 acres

Table KH 4
Summary of non-agricultural land use in the district of Baling (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	464	0.1	638	0.2	– 174
1E	Estate buildings and associated areas	508	0.1	428	0.1	+ 80
1T	Tin mining areas	176	–	–	–	+ 176
1X	Other mining and quarrying areas	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–
6	Grasslands	4,290	1.1	11,990	3.2	– 7,700
7F	Forest	196,703	51.8	199,824	52.6	– 3,121
7S	Scrub forest	9,406	2.5	30,212	7.9	– 20,806
7C	Newly cleared land	9,203	2.4	6,988	1.8	+ 2,215
8	Swamps	1,608	0.4	5,568	1.5	– 3,960
9	Unused land	637	0.2	943	0.2	– 306
UN	Unclassified	1,257	0.3	1,376	0.4	– 119
	Total	224,252	59.0+	257,967	67.9*	– 33,715

+ Based on the district total of 379,803 acres

* Based on the district total of 379,756 acres

Table KH 4.1
Summary of non-agricultural land use in the mukims of the district of Baling (Kedah)

Code	Land Use Category	BAKAI		BALING	
		1974	1966	1974	1966
1U	Urban and associated areas	21	139	93	102
1E	Estate buildings and associated areas	148	96	–	–
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	585	1,949	48	258
7F	Forest	39,904	39,419	5,353	5,576
7S	Scrub forest	1,123	2,772	408	775
7C	Newly cleared land	1,926	619	25	272
8	Swamps	591	1,755	–	17
9	Unused land	–	–	–	–
UN	Unclassified	48	36	–	16
	Total	44,346	46,785	5,927	7,016

Table KH 4.1 cont'd

Code	Land Use Category	BONGOR		KUPANG		PULAI		SIONG		TAWAR		TELUI KANAN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	3	8	121	106	27	61	13	38	119	78	67	106
1E	Estate buildings and associated areas	–	–	40	32	–	–	20	–	300	300	–	–
1T	Tin mining areas	–	–	–	–	–	–	176	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	18	80	247	1,277	925	1,094	336	1,167	443	1,458	1,688	4,707
7F	Forest	3,033	1,524	18,822	20,887	9,210	10,635	120,264	120,963	52	59	65	761
7S	Scrub forest	58	2,546	1,848	4,491	1,199	3,979	3,191	4,264	531	1,150	1,048	10,235
7C	Newly cleared land	120	74	1,237	478	1,595	721	569	199	1,246	2,571	2,485	2,054
8	Swamps	16	92	73	196	124	432	80	126	644	1,418	80	1,532
9	Unused land	–	–	6	–	622	842	–	–	6	24	3	77
UN	Unclassified	1	65	199	160	46	72	237	229	510	550	216	248
	Total	3,249	4,389	22,593	27,627	13,748	17,836	124,886	126,986	3,851	7,608	5,652	19,720

Table KH 5
Summary of agricultural land use in the district of Baling (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	13,915	3.7	15,188	4.0	– 1,273
2M	Market gardening	–	–	16	–	– 16
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	13,590	3.6	–	–	–
3Gm	Mature rubber	84,272	22.2	–	–	–
3Gs	Senile rubber	22,000	5.8	–	–	–
	Sub-total	119,862	31.6	88,984	23.4	+ 30,878
30y	Young oil palm	341	0.1	–	–	–
30m	Mature oil palm	975	0.3	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	1,316	0.4	–	–	+ 1,316
3Cy	Young coconut	36	–	–	–	–
3Cm	Mature coconut	76	–	96	–	–
3Cs	Senile coconut	9	–	–	–	–
	Sub-total	121	–	96	–	+ 25
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	507	0.1	218	–	+ 289
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	25	–	– 25
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	18,552	4.9	16,891	4.4	+ 1,661
4C	Diversified crops	1,269	0.3	371	0.1	+ 898
4X	Shifting cultivation	9	–	–	–	+ 9
5	Improved permanent pasture	–	–	–	–	–
	Total	155,551	41.0+	121,789	31.9*	– 33,762

+ Based on the district total of 379,803 acres

* Based on the district total of 379,756 acres

Table KH 5.1
Summary of agricultural land use in the mukims of the district of Baling (Kedah)

Code	Land Use Category	BAKAI		BALING		BONGOR		KUPANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,123	1,567	650	827	848	936	2,788	3,265
2M	Market gardening	–	16	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3GY	Young rubber	3,105	–	89	–	295	–	2,994	–
3Gm	Mature rubber	10,717	–	3,392	–	4,442	–	14,758	–
3Gs	Senile rubber	5,870	–	59	–	537	–	2,610	–
	Sub-total	19,692	17,314	3,540	2,259	5,274	4,086	20,362	14,809
3OY	Young oil palm	6	–	–	–	–	–	–	–
3Om	Mature oil palm	–	–	–	–	–	–	–	–
3Os	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	6	–	–	–	–	–	–	–
3CY	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	22	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	22	36
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	19	–	6	4	29	14	3	48
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	12	–	–	–	–	–	6
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,894	2,342	811	827	1,067	1,075	3,643	3,710
4C	Diversified crops	72	64	–	–	33	–	135	45
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	23,806	21,315	5,007	3,917	7,251	6,111	26,953	21,919

Code	Land Use Category	PULAI		SIONG		TAWAR		TELUI KANAN	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	2,725	3,110	2,404	2,244	1,116	1,302	2,261	1,935
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,628	–	336	–	2,767	–	2,376	–
3Gm	Mature rubber	14,233	–	3,501	–	18,439	–	14,790	–
3Gs	Senile rubber	3,110	–	5,208	–	2,275	–	2,331	–
	Sub-total	18,971	14,633	9,045	7,384	23,481	21,397	19,497	7,104
30y	Young oil palm	–	–	–	–	335	–	–	–
30m	Mature oil palm	–	–	–	–	975	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	1,310	–	–	–
3Cy	Young coconut	–	–	–	–	36	–	–	–
3Cm	Mature coconut	–	–	22	–	32	–	–	–
3Cs	Senile coconut	–	–	–	–	9	–	–	–
	Sub-total	–	22	22	–	77	38	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	29	36	249	39	100	77	72	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	7	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,670	3,767	2,337	2,356	1,398	1,067	2,732	1,747
4C	Diversified crops	317	57	90	24	192	25	430	156
4X	Shifting cultivation	9	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	25,721	21,632	14,147	12,047	27,674	23,906	24,992	10,942

Table KH 6
Summary of non-agricultural land use in the district of Bandar Bahru (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	501	0.7	384	0.6	+ 117
1E	Estate buildings and associated areas	109	0.2	162	0.2	– 53
1T	Tin mining areas	513	0.8	–	–	+ 513
1X	Other mining and quarrying areas	3	–	–	–	+ 3
1P	Power line right of way	–	–	–	–	–
6	Grasslands	1,530	2.3	4,040	6.0	– 2,510
7F	Forest	3,864	5.8	5,002	7.5	– 1,138
7S	Scrub forest	4,673	7.0	2,098	3.1	+ 2,575
7C	Newly cleared land	3,431	5.1	1,555	2.3	+ 1,876
8	Swamps	5,980	9.0	8,011	12.0	– 2,031
9	Unused land	8	–	9	–	– 1
UN	Unclassified	379	0.6	438	0.7	– 59
	Total	20,991	31.4+	21,699	32.4*	– 708

+ Based on the district total of 66,748 acres

* Based on the district total of 66,750 acres

Table KH 6.1
Summary of non-agricultural land use in the mukims of the district of Bandar Bharu (Kedah)

Code	Land Use Category	BAGAN SEMAK		KUALA SELAMAT		SERDANG	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	146	124	64	65	242	166
1E	Estate buildings and associated areas	23	51	13	16	63	73
1T	Tin mining areas	–	–	4	–	509	–
1X	Other mining and quarrying areas	–	–	2	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	195	825	114	219	650	1,506
7F	Forest	654	959	–	2	683	749
7S	Scrub forest	849	425	212	166	699	249
7C	Newly cleared land	1,153	254	406	372	670	482
8	Swamps	2,091	2,444	823	1,029	2,433	2,990
9	Unused land	–	–	–	–	–	–
UN	Unclassified	223	–	39	–	35	–
	Total	5,334	5,082	1,677	1,869	5,984	6,215

Table KH 6.1 cont'd

Code	Land Use Category	SUNGAI BATU		SUNGAI KECIL		RELAU		PERMATANG PASIR	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	3	4	16	8	–	3	30	14
1E	Estate buildings and associated areas	10	16	–	–	–	–	–	6
1T	Tin mining areas	–	–	–	–	–	–	1	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	129	489	346	694	84	299	12	8
7F	Forest	11	323	268	541	2,219	2,420	29	8
7S	Scrub forest	1,251	787	737	320	825	120	100	31
7C	Newly cleared land	478	378	313	39	383	25	28	5
8	Swamps	614	1,533	–	3	8	–	11	12
9	Unused land	8	–	1	–	–	–	9	–
UN	Unclassified	72	–	–	–	–	–	–	–
	Total	2,576	3,530	1,681	1,605	3,519	2,867	220	84

Table KH 6.1 cont'd

Code	Land Use Category	SUNGAI BATU		SUNGAI KECIL		RELAU		PERMATANG PASIR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	385	566	156	149	277	394	115	69
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,006	–	905	–	615	–	118	–
3Gm	Mature rubber	3,107	–	1,684	–	782	–	175	–
3Gs	Senile rubber	1,619	–	481	–	955	–	176	–
	Sub-total	5,732	4,797	3,070	3,128	2,352	2,930	469	652
30y	Young oil palm	245	–	38	–	13	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	7	–	8	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	2	83	92	26	9	26	12
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	664	664	43	97	264	261	151	162
4C	Diversified crops	34	–	11	10	33	13	8	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	7,060	6,029	3,401	3,483	2,965	3,615	769	895

Table KH 7
Summary of agricultural land use in the district of Bandar Bharu (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	2,768	4.1	2,508	3.8	+ 260
2M	Market gardening	8	–	4	–	+ 4
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	6,347	9.5	–	–	–
3Gm	Mature rubber	20,780	31.1	–	–	–
3Gs	Senile rubber	7,880	11.8	–	–	–
	Sub-total	35,007	52.4	36,659	54.9	– 1,652
30y	Young oil palm	1,987	3.0	–	–	–
30m	Mature oil palm	415	0.6	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	2,403	3.6	34	–	+ 2,368
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	20	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	20	–	–	–	+ 20
3N	Pineapple	–	–	8	–	– 8
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	153	0.2	134	8.3	+ 19
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	5,121	7.7	5,527	8.3	– 406
4C	Diversified crops	278	0.4	177	0.3	+ 455
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	45,757	68.6+	45,051	75.6*	+ 706

+ Based on the district total of 66,748 acres

* Based on the district total of 66,750 acres

Table KH 7.1
Summary of agricultural land use in the mukims of the district of Bandar Bharu (Kedah)

Code	Land Use Category	BAGAN SEMAK		KUALA SELAMAT		SERDANG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,238	751	182	149	416	430
2M	Market gardening	8	4	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,103	–	628	–	1,972	–
3Gm	Mature rubber	4,621	–	3,359	–	7,052	–
3Gs	Senile rubber	2,690	–	525	–	1,434	–
	Sub-total	8,414	10,416	4,512	4,445	10,458	10,291
30y	Young oil palm	1,198	–	142	–	351	–
30m	Mature oil palm	360	–	–	–	55	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	1,558	–	142	–	406	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	20	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	20	4	–	9	–	6
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	3	4	4	–	11	15
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	3,022	3,102	423	434	554	807
4C	Diversified	164	100	–	6	28	48
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	14,427	14,381	5,263	5,043	11,873	11,597

Table KH 8
Summary of non-agricultural land use in the district of Kota Setar (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	4,774	2.9	3,198	1.9	+ 1,576
1E	Estate building and associated areas	25	—	15	—	+ 10
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	177	0.1	26	—	+ 151
1P	Power line right of way	—	—	—	—	—
6	Grasslands	2,763	1.7	4,124	2.5	— 1,361
7F	Forest	5,990	3.6	6,421	3.9	— 431
7S	Scrub forest	5,134	3.1	13,201	8.0	— 8,067
7C	Newly cleared land	1,419	0.9	560	0.3	+ 859
8	Swamps	3,161	1.9	5,354	3.3	— 2,193
9	Unused land	215	0.1	424	0.3	— 209
UN	Uncalssified	4,344	2.6	1,908	1.2	+ 2,436
	Total	28,002	17.0+	35,231	21.4*	— 7,229

+ Based on the district total of 164,626 acres

* Based on the district total of 164,417 acres

Table KH 8.1
Summary of non-agricultural land use in the mukims of the district of Alor Setar (Kedah)

Code	Land Use Category	ALOR MALAI		ALOR MERAH		ANAK BUKIT		BUKIT LADA		BUKIT PINANG		DERANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	415	209	571	409	137	96	5	–	364	67	–	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–		
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	56	6	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	81	26	14	35	46	–	555	772	131	33	213	611
7F	Forest	–	–	4	–	–	–	611	799	156	195	1,849	2,936
7S	Scrub forest	3	3	–	–	3	4	1,627	3,088	32	149	780	952
7C	Newly cleared land	11	–	3	–	–	–	154	24	17	–	241	234
8	Swamps	52	10	6	–	4	–	33	91	–	–	52	26
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	23	–	12	23	37	35	16	–	109	431	65	80
	Total	585	248	610	467	227	135	3,001	4,774	865	881	3,200	4,839

Table KH 8.1 cont'd

Code	Land Use Category	DERGA		GAJAH MATI		GUNONG		HUTAN KAMPONG		JABI		KANGKONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	284	296	94	59	–	30	15	–	86	37	19	58
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	25	15	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	20	–	–	117	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	65	13	610	1,455	40	–	–	–	217	303	–	–
7F	Forest	–	–	2,354	1,744	142	107	–	–	185	564	–	–
7S	Scrub forest	–	10	1,368	4,322	8	35	–	–	284	753	–	9
7C	Newly cleared land	–	–	723	228	–	–	–	–	13	65	2	–
8	Swamps	458	671	54	12	7	14	2	–	35	15	59	163
9	Unused land	–	–	–	–	–	–	–	–	–	–	42	34
UN	Unclassified	263	118	–	–	70	30	57	–	71	–	157	–
	Total	1,070	1,108	5,203	7,820	267	236	74	–	1,033	1,752	279	264

Table KH 8.1 cont'd

Code	Land Use Category	KOTA SETAR		KUALA KEDAH		KUBANG ROTAN		LANGGAR		LENGKUAS		LEPAI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	1,276	1,183	221	166	14	15	87	48	20	11	6	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	35	9	9	33	1	14	3	–	47	57	1	4
7F	Forest	–	–	–	–	–	–	54	–	1	23	97	–
7S	Scrub forest	–	–	–	–	–	–	55	–	99	82	25	–
7C	Newly cleared land	–	–	–	–	–	–	1	–	27	5	10	–
8	Swamps	59	56	228	287	323	797	37	5	–	–	6	5
9	Unused land	–	–	38	65	17	75	–	–	–	3	–	–
UN	Unclassified	103	101	354	237	343	158	53	–	57	19	66	–
	Total	1,473	1,349	850	788	698	1,059	290	53	251	200	211	9

Table KH 8.1 cont'd

Code	Land Use Category	LESONG		LIMBONG		MERGONG		PADANG LALANG		PADANG NANG		PENGKALAN KUNDOR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	2	–	–	–	109	6	27	12	9	–	515	312
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	346	528	–	–	42	4	11	20	–	–	39	30
7F	Forest	442	26	2	–	–	–	–	–	–	–	–	–
7S	Scrub forest	713	2,169	13	–	–	–	–	–	–	–	–	11
7C	Newly cleared land	111	–	–	–	34	–	–	–	–	–	3	–
8	Swamps	286	565	72	23	199	222	25	82	–	–	84	231
9	Unused land	4	–	–	–	–	–	4	84	–	–	–	–
UN	Unclassified	166	25	37	–	160	–	270	70	124	55	258	74
	Total	2,070	3,313	124	23	544	232	337	268	133	55	899	658

Table KH 8.1 cont'd

Code	Land Use Category	PUMPONG		SALA KECHIL		SUNGAI BARU		TAJAR		TEBENGAU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	44	10	120	84	5	–	11	9	–	12
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–
6	Grasslands	–	–	49	–	–	–	24	5	–	16
7F	Forest	–	–	–	–	–	–	32	7	–	–
7S	Scrub forest	–	–	–	8	–	–	17	8	–	17
7C	Newly cleared land	–	–	–	–	–	–	–	–	–	–
8	Swamps	13	10	126	285	–	8	386	704	125	355
9	Unused land	–	–	52	23	–	–	21	–	31	103
UN	Unclassified	97	26	155	60	20	3	383	197	148	4
	Total	154	46	502	460	25	11	874	930	304	507

Table KH 8.1 cont'd

Code	Land Use Category	TELAGA MAS		TELOK CHENGAI		TELOK KECHAI		TITI GAJAH		TUALANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	3	–	52	31	39	3	205	27	19	8
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	4	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–
6	Grasslands	79	40	–	–	–	19	37	10	68	87
7F	Forest	35	10	–	–	–	–	16	–	10	10
7S	Scrub forest	35	54	–	–	–	12	18	–	54	1,515
7C	Newly cleared land	46	–	–	–	–	–	–	–	23	4
8	Swamps	7	–	143	166	98	130	4	20	178	401
9	Unused land	–	–	–	–	6	37	–	–	–	–
UN	Unclassified	126	–	131	84	94	3	64	75	255	–
	Total	335	104	326	281	237	204	344	132	607	2,025

Table KH 9
Summary of agricultural land use in the district of Kota Setar (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	14,560	8.8	17,466	10.6	– 2,906
2M	Market gardening	23	–	193	0.1	– 170
2E	Agricultural stations	271	0.2	189	0.1	+ 82
3Gy	Young rubber	4,913	3.0	–	–	–
3Gm	Mature rubber	17,012	10.3	–	–	–
3Gs	Senile rubber	3,725	2.3	–	–	–
	Sub-total	25,650	15.6	18,122	11.0	+ 7,528
30y	Young oil palm	9	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	9	–	4	–	+ 5
3Cy	Young coconut	12	–	–	–	–
3Cm	Mature coconut	243	0.1	–	–	–
3Cs	Senile coconut	1	–	–	–	–
	Sub-total	256	0.1	1,119	0.7	– 863
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	447	0.3	231	0.1	+ 216
3F	Fibre crops	–	–	–	–	–
3S	Sago	46	–	139	0.1	– 93
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	94,773	57.6	91,657	55.7	+ 3,116
4C	Diversified crops	561	0.3	66	–	+ 495
4X	Shifting cultivation	28	–	–	–	+ 28
5	Improved permanent pasture	–	–	–	–	–
	Total	136,624	83.0+	129,186	78.4*	+ 7,438

+ Based on the district total of 164,626 acres

* Based on the district total of 164,417 acres

Table KH 9.1
Summary of agricultural land use in the mukims of the district of Kota Setar (Kedah)

Code	Land Use Category	ALOR MALAI		ALOR MERAH	
		1974	1966	1974	1966
2H	Mixed horticulture	100	196	89	175
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	–	–
3Gm	Mature rubber	5	–	–	–
3Gs	Senile rubber	–	–	–	–
	Sub-total	5	–	–	–
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	4	–	6	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	4	–	6	668
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	1,168	1,415	701	96
4C	Diversified crops	–	3	–	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	1,277	1,614	796	939

Table KH 9.1 cont'd

Code	Land Use Category	ANAK BUKIT		BUKIT LADA		BUKIT PINANG		DERANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	268	333	1,063	1,163	298	356	672	594
2M	Market gardening	–	–	–	3	3	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	1,052	–	58	–	606	–
3Gm	Mature rubber	–	–	2,394	–	360	–	2,322	–
3Gs	Senile rubber	–	–	282	–	15	–	1,506	–
	Sub-total	–	–	3,728	2,267	433	557	4,434	3,120
30y	Young oil palm	–	–	6	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	6	–	–	–	–	4
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	20	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	20	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	67	68	29	–	25	9
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	5	5	10	–	–	1	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,769	1,791	2,117	1,680	1,006	843	850	687
4C	Diversified crops	–	–	29	–	3	–	71	–
4X	Shifting cultivation	–	–	28	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,037	2,129	7,063	5,191	1,772	1,756	6,053	4,414

Table KH 9.1 cont'd

Code	Land Use Category	DERGA		GAJAH MATI		GUNONG		HUTAN KAMPONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	533	719	962	994	600	564	199	228
2M	Market gardening	–	3	–	5	–	25	–	–
2E	Agricultural stations	–	–	199	189	–	–	–	–
3Gy	Young rubber	–	–	1,523	–	–	–	3	–
3Gm	Mature rubber	–	–	3,298	–	–	–	–	–
3Gs	Senile rubber	–	–	397	–	–	–	–	–
	Sub-total	–	–	5,218	2,829	–	–	–	5
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	37	–	–	–	–	–	1	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	37	34	–	27	–	19	1	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	165	72	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	20	3	–	4	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	5,416	5,400	1,745	1,537	4,044	4,071	2,111	2,155
4C	Diversified crops	208	–	58	28	8	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,194	6,156	8,367	5,684	4,652	4,683	2,314	2,388

Table KH 9.1 cont'd

Code	Land Use Category	JABI		KANGKONG		KOTA SETAR		KUALA KEDAH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	574	658	489	425	7	16	132	179
2M	Market gardening	3	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	553	–	–	–	–	–	–	–
3Gm	Mature rubber	3,746	–	–	–	–	–	–	–
3Gs	Senile rubber	367	–	–	–	–	–	–	–
	Sub-total	4,666	3,631	–	–	–	–	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	1	–	–	–	–	–	–	–
3Cm	Mature coconut	24	–	22	–	–	–	19	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	25	6	22	127	–	29	19	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	84	20	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	1	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,516	1,866	4,806	4,780	148	238	1,540	1,565
4C	Diversified crops	46	15	–	–	4	–	–	9
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,915	6,196	5,317	5,332	159	283	1,691	1,753

Table KH 9.1 cont'd

Code	Land Use Category	KUBANG ROTAN		LANGGAR		LENGKUAS		LEPAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	317	346	300	492	160	200	296	500
2M	Market gardening	–	–	–	–	9	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	131	–	10	–
3Gm	Mature rubber	–	–	68	–	734	–	103	–
3Gs	Senile rubber	–	–	77	–	195	–	9	–
	Sub-total	–	–	145	137	1,060	1,025	122	149
30y	Young oil palm	–	–	–	–	3	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	3	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	1	–	–	–	–	–	–	–
	Sub-total	1	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	2	–	19	24	1	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	5	1	–	–	14
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	4,369	3,980	1,847	1,897	413	488	1,275	1,231
4C	Diversified crops	–	–	–	–	21	–	–	2
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,687	4,326	2,294	2,531	1,686	1,737	1,694	1,896

Table KH 9.1 cont'd

Code	Land Use Category	LESONG		LIMBONG		MERGONG		PADANG LALANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,249	1,642	196	322	247	279	603	675
2M	Market gardening	–	4	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	486	–	–	–	–	–	–	–
3Gm	Mature rubber	1,713	–	20	–	–	–	–	–
3Gs	Senile rubber	350	–	46	–	–	–	–	–
	Sub-total	2,549	1,379	66	65	–	–	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	2	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	25	–
	Sub-total	2	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	25	50
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	16	10	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	4	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	4,444	3,985	1,487	1,463	2,375	2,655	5,025	4,997
4C	Diversified crops	38	–	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	8,302	7,020	1,749	1,850	2,622	2,934	5,653	5,722

Table KH 9.1 cont'd

Code	Land Use Category	PADANG NANG		PENGKALAH KUNDOR		PUMPONG		SALA KECIL	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	513	591	892	1,064	243	260	342	405
2M	Market gardening	–	–	8	153	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	–	–	–	–
3Gm	Mature rubber	–	–	–	–	–	–	6	–
3Gs	Senile rubber	–	–	4	–	–	–	–	–
	Sub-total	–	–	4	–	–	–	6	9
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	2	–	–	–	–	–
3Cm	Mature coconut	9	–	22	–	3	–	42	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	9	6	24	82	3	6	42	48
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	17	–	–	13	40
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	4,857	4,860	8,281	8,145	2,342	2,433	2,978	2,923
4C	Diversified crops	–	–	18	3	3	–	2	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,379	5,457	9,227	9,464	2,591	2,699	3,383	3,425

Code	Land Use Category	SUNGAI BARU		TAJAR		TEBENGAU		TELAGA MAS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	169	172	1,048	1,420	379	470	337	282
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	5	–
3Gy	Young rubber	–	–	–	–	–	–	265	–
3Gm	Mature rubber	–	–	8	–	–	–	862	–
3Gs	Senile rubber	–	–	–	–	–	–	281	–
	Sub-total	–	–	8	20	–	–	1,508	1,555
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
		–	–	–	–	–	–	9	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	5	–	12	9	–
	Sub-total	–	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	17	6
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	23	–	14	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,320	1,331	9,150	8,682	3,650	3,330	1,175	1,348
4C	Diversified crops	–	–	–	–	–	–	15	6
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,489	1,503	10,206	10,150	4,029	3,826	2,966	3,197

Table KH 9.1 cont'd

Code	Land Use Category	TELOK CHENGAI		TELOK KECHAI		TITI GAJAH		TUALANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	99	147	172	241	155	340	857	1.018
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	67	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	3	–	223	–
3Gm	Mature rubber	–	–	–	–	22	–	1,351	–
3Gs	Senile rubber	–	–	–	–	–	–	196	–
	Sub-total	–	–	–	–	25	51	1,770	1,323
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	7	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	7	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	2	–	20	22
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	1	–	–	4
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,019	1,083	1,609	1,573	2,707	2,722	5,513	4,407
4C	Diversified crops	–	–	–	–	11	–	26	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,185	1,230	1,781	1,814	2,901	3,113	8,193	6,774

Table KH 10
Summary of non-agricultural land use in the district of Kuala Muda (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,167	1.4	2,306	1.0	+ 861
1E	Estate buildings and associated areas	1,074	0.5	842	0.4	+ 232
1T	Tin mining areas	1,534	0.7	1,417	0.6	+ 117
1X	Other mining and quarrying areas	356	0.2	79	—	+ 277
1P	Power line right of way	218	0.1	108	—	+ 110
6	Grasslands	4,015	1.8	10,484	4.6	— 6,469
7F	Forest	25,284	11.1	30,299	13.3	— 5,015
7S	Scrub forest	3,813	1.7	7,005	3.1	— 3,192
7C	Newly cleared land	9,947	4.4	5,932	2.6	+ 4,015
8	Swamps	17,649	7.7	22,537	9.9	— 4,888
9	Unused land	192	0.1	371	0.2	— 179
UN	Unclassified	5,626	2.5	4,934	2.2	+ 692
	Total	72,875	32.0+	86,314	37.9*	— 13,439

+ Based on the district total of 227,928 acres

* Based on the district total of 227,942 acres

Table KH 10.1
Summary of non-agricultural land use in the mukims of the district of Kuala Muda (Kedah)

Code	Land Use Category	BUJANG		BUKIT MERIAM		GURUN		HAJI KUDONG	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	50	6	15	16	311	413	4	–
1E	Estate buildings and associated areas	23	29	–	–	345	168	–	–
1T	Tin mining areas	276	139	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	29	–	–	30	–	–	–
1P	Power line right of way	8	–	–	–	89	–	–	–
6	Grasslands	188	134	36	41	894	3,839	4	–
7F	Forest	4,527	4,641	847	688	11,607	13,584	–	–
7S	Scrub forest	193	272	42	111	1,707	2,652	–	–
7C	Newly cleared land	15	32	–	43	3,207	888	–	–
8	Swamps	4,176	5,664	4,232	4,810	107	174	216	227
9	Unused land	–	98	80	22	–	–	–	–
UN	Unclassified	2,560	2,598	982	650	28	36	40	8
	Total	12,016	13,642	6,234	6,381	18,325	21,754	264	235

Table KH 10.1 cont'd

Code	Land Use Category	KOTA		KUALA		MERBOK		PEKULA		PINANG TUNGGAL		RANTAU PANJANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	17	5	8	9	89	29	64	6	80	20	–	–
1E	Estate buildings and associated areas	–	–	–	–	56	61	1	–	37	8	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	41	38	8	12	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	24	25	–	–	–	–
6	Grasslands	2	–	–	–	96	250	75	78	254	301	7	–
7F	Forest	3	–	–	–	1,964	2,104	551	381	48	–	–	4
7S	Scrub forest	–	–	–	–	165	422	28	46	283	317	–	12
7C	Newly cleared land	–	–	–	–	2	–	111	21	111	220	–	–
8	Swamps	285	345	382	374	1,538	2,588	28	36	256	749	361	474
9	Unused land	–	–	57	114	24	51	4	19	2	3	–	–
UN	Unclassified	79	50	–	8	354	212	30	–	37	70	72	15
	Total	386	400	447	505	4,329	5,755	924	624	1,108	1,688	440	505

Table KH 10.1 cont'd

Code	Land Use Category	SEMILING		SIDAM KIRI		SIMPOR		SUNGAI PASIR		SUNGAI PETANI		TELUI KIRI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	284	289	19	8	3	–	252	132	1,947	1,341	24	32
1E	Estate buildings and associated areas	61	8	135	125	–	–	50	22	219	291	147	130
1T	Tin mining areas	1,258	1,278	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	269	–	–	–	4	–	4	–	–	–	–	–
1P	Power line right of way	14	–	–	–	–	–	72	83	11	–	–	–
6	Grasslands	804	526	128	1,032	4	106	223	175	744	1,366	556	2,636
7F	Forest	123	244	35	14	606	244	451	529	251	369	4,271	7,497
7S	Scrub forest	277	967	160	247	36	104	112	291	539	787	271	777
7C	Newly cleared land	33	32	289	789	2	–	107	23	1,091	2,476	4,979	1,408
8	Swamps	803	886	757	955	1,065	1,304	1,495	1,465	1,731	1,752	217	734
9	Unused land	–	15	25	26	–	–	–	–	–	–	–	23
UN	Unclassified	403	335	325	254	40	77	73	56	199	211	404	354
	Total	4,329	4,580	1,873	3,450	1,760	1,835	2,839	2,776	6,732	8,593	10,869	13,591

Table KH 11
Summary of agricultural land use in the district of Kuala Muda (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	8,470	3.7	8,164	3.6	+ 306
2M	Market gardening	110	–	174	0.1	– 64
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	26,777	11.7	–	–	–
3Gm	Mature rubber	80,885	35.5	–	–	–
3Gs	Senile rubber	9,067	4.0	–	–	–
	Sub-total	116,729	51.2	109,880	48.2	+ 6,849
30y	Young oil palm	662	0.3	–	–	–
30m	Mature oil palm	202	0.1	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	864	0.4	91	–	+ 773
3Cy	Young coconut	61	–	–	–	–
3Cm	Mature coconut	1,700	0.7	–	–	–
3Cs	Senile coconut	67	–	–	–	–
	Sub-total	1,828	0.7	1,792	0.8	+ 36
3N	Pineapple	38	–	34	–	+ 4
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	953	0.4	558	0.2	+ 395
3F	Fibre crops	–	–	–	–	–
3S	Sago	4	–	26	–	– 22
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	24,217	10.6	19,726	8.6	+ 4,491
4C	Diversified crops	1,822	0.8	1,183	0.5	+ 639
4X	Shifting cultivation	18	–	–	–	+ 18
5	Improved permanent pasture	–	–	–	–	–
	Total	155,053	68.0+	141,628	62.1*	+ 13,425

+ Based on the district total of 227,928 acres

* Based on the district total of 227,942 acres

Table KH 11.1
Summary of agricultural land use in the mukims of the district of Kuala Muda (Kedah)

Code	Land Use Category	BUJANG		BUKIT MERIAM		GURUN		HAJI KUDONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	823	719	324	415	1,194	1,210	55	60
2M	Market gardening	–	–	–	–	23	43	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	318	–	81	–	3,176	–	–	–
3Gm	Mature rubber	2,292	–	297	–	22,093	–	–	–
3Gs	Senile rubber	187	–	22	–	1,352	–	–	–
	Sub-total	2,797	2,821	400	342	26,621	24,513	–	–
30y	Young oil palm	–	–	–	–	322	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	322	9	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	74	–	247	–	8	–	53	–
3Cs	Senile coconut	–	–	13	–	–	–	–	–
	Sub-total	74	64	260	198	8	14	53	60
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	1	–	4	–	202	63	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	6	1	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,216	1,678	2,019	1,883	1,607	1,372	604	622
4C	Diversified crops	38	26	–	16	889	220	–	–
4X	Shifting cultivation	–	–	–	–	18	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,949	5,308	3,007	2,860	30,885	27,444	712	742

Table KH 11.1 cont'd

Code	Land Use Category	KOTA		KUALA		MERBOK		PEKULA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	128	235	106	79	1,216	1,053	410	464
2M	Market gardening	–	–	–	–	–	–	–	4
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	360	–	401	–
3Gm	Mature rubber	–	–	–	–	2,040	–	1,606	–
3Gs	Senile rubber	–	–	–	–	506	–	33	–
	Sub-total	–	–	–	–	2,906	2,606	2,040	2,529
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	4	–	–	–	–	–
3Cm	Mature coconut	206	–	116	–	382	–	28	–
3Cs	Senile coconut	5	–	–	–	–	–	–	–
	Sub-total	211	126	120	103	382	423	28	48
3N	Pineapple	–	25	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	3	–	36	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	20	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	799	736	1,191	1,174	3,192	2,191	1,741	1,666
4C	Diversified crops	–	–	–	3	–	–	165	3
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,138	1,142	1,417	1,359	7,699	6,273	4,420	4,720

Table KH 11.1 cont'd

Code	Land Use Category	PINANG TUNGGAL		RANTAU PANJANG		SEMILING		SIDAM KIRI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	241	204	320	363	423	308	691	692
2M	Market gardening	–	–	1	–	52	49	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,901	–	–	–	1,320	–	1,133	–
3Gm	Mature rubber	4,234	–	72	–	2,319	–	10,847	–
3Gs	Senile rubber	152	–	–	–	462	–	704	–
	Sub-total	6,287	6,046	72	63	4,101	4,669	12,684	11,307
30y	Young oil palm	–	–	–	–	–	–	37	–
30m	Mature oil palm	–	–	–	–	124	–	46	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	124	–	83	–
3Cy	Young coconut	–	–	–	–	52	–	–	–
3Cm	Mature coconut	65	–	99	–	75	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	65	147	99	59	127	104	4	16
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	15	25	–	–	123	111	22	4
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,057	673	1,446	1,378	455	201	1,389	1,374
4C	Diversified crops	10	–	–	11	302	12	164	67
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	7,675	7,095	1,938	1,874	5,707	5,454	15,037	13,460

Table KH 11.1 cont'd

Code	Land Use Category	SIMPOR		SUNGAI PASIR		SUNGAI PETANI		TELUI KIRI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	307	574	448	358	701	658	1,083	772
2M	Market gardening	–	–	5	–	29	78	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	66	–	439	–	12,934	–	4,648	–
3Gm	Mature rubber	651	–	3,934	–	20,412	–	10,088	–
3Gs	Senile rubber	66	–	95	–	2,728	–	2,760	–
	Sub-total	783	749	4,468	4,578	36,074	34,319	17,496	15,338
30y	Young oil palm	–	–	–	–	–	–	303	–
30m	Mature oil palm	–	–	–	–	32	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	32	43	303	39
3Cy	Young coconut	2	–	3	–	–	–	–	–
3Cm	Mature coconut	150	–	109	–	63	–	21	–
3Cs	Senile coconut	12	–	11	–	26	–	–	–
	Sub-total	164	43	123	195	89	151	21	41
3N	Pineapple	–	–	–	–	38	9	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	8	6	10	19	146	117	383	207
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	3	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,054	1,864	1,106	1,061	1,425	1,281	916	572
4C	Diversified crops	–	8	15	13	105	117	134	687
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,319	3,244	6,175	6,224	38,639	36,773	20,336	17,656

Table KH 12
Summary of non-agricultural land use in the district of Kubang Pasu (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,101	0.5	768	0.3	+ 333
1E	Estate buildings and associated areas	78	–	110	–	– 32
1T	Tin mining areas	80	–	40	–	+ 40
1X	Other mining and quarrying areas	80	–	50	–	+ 30
1P	Power line right of way	–	–	–	–	–
6	Grasslands	3,378	1.4	4,085	1.7	– 707
7F	Forest	68,991	29.5	72,014	30.8	– 3,113
7S	Scrub forest	9,067	3.9	24,229	10.4	– 15,162
7C	Newly cleared land	6,588	2.8	1,092	0.5	+ 5,496
8	Swamps	1,838	0.8	3,311	1.4	– 1,473
9	Unused land	40	–	4	–	+ 36
UN	Unclassified	2,844	1.2	1,056	0.5	+ 1,788
	Total	94,085	40.2+	106,759	45.7*	– 12,674

+ Based on the district total of 233,828 acres

* Based on the district total of 233,794 acres

Table KH 12.1
Summary of non-agricultural land use in the mukims of the district of Kubang Pasu (Kedah)

Code	Land Use Category	AH		BINJAL		BUKIT TINGGI	
		1974	1966	1974	1966	1974	1974
1U	Urban and associated areas	22	37	13	–	32	22
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	1	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	120	71	76	177	16	14
7F	Forest	174	62	1,213	1,204	99	9
7S	Scrub forest	252	590	236	403	61	21
7C	Newly cleared land	2	–	49	37	–	–
8	Swamps	5	18	306	595	10	–
9	Unused land	–	–	–	–	–	–
UN	Unclassified	160	39	63	–	50	42
	Total	735	817	1,956	2,416	269	108

Table KH 12.1 cont'd

Code	Land Use Category	GELONG		HUSBA		JERAM		JERLUN		JITRA		KEPELU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	28	–	3	–	11	15	109	67	347	145	53	64
1E	Eatete buildings and associated areas	31	32	7	9	–	–	–	–	–	14	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	4	–	–	–	34	–	–	–	–	–	9	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	123	279	59	227	–	3	–	29	187	129	168	106
7F	Forest	33	12	12	33	–	–	–	–	–	18	2,433	2,541
7S	Scrub forest	55	352	293	903	33	22	–	–	48	72	533	1,119
7C	Newly cleared land	10	24	23	80	–	25	–	–	24	–	7	12
8	Swamps	6	114	139	376	401	114	178	189	37	55	47	31
9	Unused land	–	–	–	–	–	–	24	4	–	–	–	–
UN	Unclassified	42	28	1	–	179	40	674	302	119	38	192	29
	Total	332	841	537	1,628	759	219	985	591	762	471	3,442	3,902

Table KH 12.1 cont'd

Code	Land Use Category	KUBANG PASU		MALAU		NAGA		PADANG PERAHU		PELUBANG		PERING	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	78	75	7	9	163	108	4	–	–	3	21	14
1E	Estate buildings and associated areas	8	5	–	–	17	36	–	–	2	6	–	–
1T	Tin mining areas	–	–	–	–	79	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	50	–	–	4	–	18	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	196	504	192	147	153	132	31	12	69	84	374	189
7F	Forest	3,720	3,882	7,181	7,700	9	26	173	–	67	208	420	443
7S	Scrub forest	690	1,781	433	722	41	79	22	302	64	74	713	591
7C	Newly cleared land	98	137	137	19	20	–	–	–	26	89	31	35
8	Swamps	15	209	152	211	106	202	2	10	19	–	6	18
9	Unused	–	–	–	–	–	–	–	–	1	–	–	–
UN	Unclassified	–	–	–	6	359	117	121	57	184	68	115	10
	Total	4,805	6,593	8,102	8,814	947	750	353	381	436	532	1,698	1,300

Table KH 12.1 cont'd

Code	Land Use Category	PUTAT		SANGLANG		SUNGEI LAKA		TEMIN		TUNJANG		WANG TEPUS	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	22	10	39	62	29	41	60	48	54	42	6	6
1E	Estate buildings and associated areas	–	–	–	–	1	–	12	8	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	40	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	5	–	–	–	6	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Graselands	116	79	76	8	797	728	366	750	65	88	93	329
7F	Forest	15	12	–	–	12,162	14,387	38,004	37,355	491	421	2,785	3,701
7S	Scrub forest	65	516	–	12	2,920	7,860	2,135	8,337	108	311	365	162
7C	Newly cleared land	7	5	–	–	2,631	336	3,304	235	1	10	218	48
8	Swamps	9	–	46	104	123	212	189	853	1	–	41	–
9	Unused land	–	–	15	–	–	–	–	–	–	–	–	–
UN	Unclassified	160	41	207	116	–	–	6	–	161	72	51	51
	Total	394	663	383	302	18,668	23,564	44,076	47,626	887	944	3,559	4,297

Table KH 13
Summary of agricultural land use in the district of Kubang Pasu (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	12,064	5.2	12,151	5.2	— 87
2M	Market gardening	19	—	55	—	— 36
2E	Agricultural stations	2	—	—	—	+ 2
3Gy	Young rubber	9,218	3.9	—	—	—
3Gm	Mature rubber	25,550	10.9	—	—	—
3Gs	Senile rubber	14,872	6.4	—	—	—
	Sub-total	49,640	21.2	36,843	15.7	+ 12,797
30y	Young oil palm	2	—	—	—	—
30m	Mature oil palm	6	—	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	8	—	—	—	+ 8
3Cy	Young coconut	23	—	—	—	—
3Cm	Mature coconut	151	0.1	—	—	—
3Cs	Senile coconut	1	—	—	—	—
	Sub-total	175	0.1	308	0.1	— 133
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	624	0.3	55	—	+ 569
3F	Fibre crops	—	—	—	—	—
3S	Sago	320	0.1	167	0.1	+ 153
3B	Banana	—	—	—	—	—
3H	Fish ponds	26	—	—	—	+ 26
3R	Arecanut	—	—	—	—	—
4P	Padi	75,761	32.4	77,434	33.1	— 1,673
4C	Diversified crops	1,100	0.5	22	—	+ 1,078
4X	Shifting cultivation	4	—	—	—	+ 4
5	Improved permanent pasture	—	—	—	—	—
	Total	139,743	59.8+	127,035	54.3*	+ 12,708

+ Based on the district total of 233,828 acres

* Based on the district total of 233,794 acres

Table KH 13.1
Summary of agricultural land use in the mukims of the district of Kubang Pasu (Kedah)

Code	Land Use Category	AH		BINJAL	
		1974	1966	1974	1966
2H	Mixed horticulture	640	598	366	370
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	42	–	158	–
3Gm	Mature rubber	433	–	568	–
3Gs	Senile rubber	71	–	1,344	–
	Sub-total	546	426	2,070	1,759
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	6	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	6	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	2	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	2	5	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	6	–	9	–
3F	Fibre crops	–	–	–	–
3S	Sago	34	18	34	20
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	5,595	5,771	1,275	1,177
4C	Diversified crops	77	–	26	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	6,900	6,818	3,786	3,326

Table KH 13.1 cont'd

Code	Land Use Category	BUKIT TINGGI		GELONG		HUSBA	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	424	469	443	548	247	238
2M	Market gardening	–	–	1	16	–	4
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	22	–	824	–	404	–
3Gm	Mature rubber	201	–	3,138	–	2,701	–
3Gs	Senile rubber	20	–	788	–	1,373	–
	Sub-total	243	317	4,750	4,364	4,478	3,399
30y	Young oil palm	–	–	2	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	2	–	–	–
3Cy	Young coconut	–	–	21	–	–	–
3Cm	Mature coconut	4	–	–	–	2	–
3Cs	Senile coconut	–	–	–	–	1	–
	Sub-total	4	–	21	–	3	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	5	–	56	23	32	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	3	–	48	38
3B	Banana	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	1,111	1,186	1,196	1,458	980	1,070
4C	Diversified crops	24	–	455	9	52	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	1,811	1,972	6,927	6,418	5,840	4,749

Code	Land Use Category	JERAM		JERLUN		JITRA		KEPELU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	749	712	1,696	1,633	233	343	979	920
2M	Market gardening	–	–	–	13	3	6	14	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	37	–	–	–	66	–	315	–
3Gm	Mature rubber	218	–	–	–	1,102	–	905	–
3Gs	Senile rubber	2	–	–	–	153	–	166	–
	Sub-total	257	250	–	–	1,321	1,469	1,385	895
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	6	–	53	–	–	–	10	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	6	39	53	110	–	6	10	4
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	15	12	36	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	3	–	–	31	–	–	30	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	26	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	8,318	8,874	14,808	15,160	793	859	4,415	4,625
4C	Diversified crops	2	–	–	4	13	–	34	–
4X	Shifting cultivations	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	9,335	9,875	16,557	16,951	2,404	2,695	6,904	6,444

Code	Land Use Category	KUBANG PASU		MALAU		NAGA		PADANG PERAHU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	401	254	354	388	826	909	345	446
2M	Market gardening	–	4	–	–	–	12	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	447	–	422	–	307	–	67	–
3Gm	Mature rubber	3,392	–	1,445	–	2,325	–	364	–
3Gs	Senile rubber	875	–	1,251	–	489	–	199	–
	Sub-total	4,714	3,535	3,118	2,340	3,121	3,003	630	524
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	5	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	5	–	–	–	–	37	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	73	6	1	–	5	4	48	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	19	14	10	5	18	–	9	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	692	377	641	685	7,006	7,226	3,616	3,667
4C	Diversified crops	74	–	10	–	16	–	17	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,978	4,190	4,134	3,418	10,992	11,191	4,665	4,637

Table KH 13.1 cont'd

Code	Land Use Category	PELUBANG		PERING		PUTAT		SANGLANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticultural	438	401	730	765	430	377	772	758
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	2	–	–	–	–	–
3Gy	Young rubber	210	–	218	–	75	–	–	–
3Gm	Mature rubber	1,149	–	860	–	1,525	–	–	–
3Gs	Senile rubber	553	–	332	–	115	–	–	–
	Sub-total	1,912	1,801	1,410	1,627	1,715	1,319	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	2	–	60	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	10	2	4	60	69
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	8	–	37	7	44	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	41	6	28	17	–	8
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	358	428	5,957	6,237	3,907	4,162	7,584	7,662
4C	Diversified crops	10	–	86	9	22	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,726	2,630	8,263	8,661	6,148	5,879	8,416	8,497

Table KH 13.1 cont'd

Code	Land Use Category	SUNGAI LAKA		TEMIN		TUNJANG		WANG TEPUS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	378	368	673	579	595	682	345	393
2M	Market gardening	–	–	1	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	3,814	–	1,330	–	162	–	298	–
3Gm	Mature rubber	1,602	–	2,370	–	501	–	751	–
3Gs	Senile rubber	2,243	–	3,566	–	247	–	1,085	–
	Sub-total	7,659	3,085	7,266	4,364	910	939	2,134	1,427
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	2	–	–	–
3Cm	Mature coconut	7	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	7	24	–	–	2	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	66	–	28	–	128	–	27	3
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	18	4	21	6	4	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,041	807	1,572	1,102	4,526	4,554	370	347
4C	Diversified crops	37	–	46	–	67	–	32	–
4X	Shifting cultivation	2	–	2	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	9,208	4,288	9,609	6,051	6,232	6,175	2,908	2,167

Table KH 14
Summary of non-agricultural land use in the district of Kulim (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,263	0.7	1,098	0.6	+ 165
1E	Estate buildings and associated areas	643	0.3	870	0.4	— 227
1T	Tin mining areas	712	0.4	301	0.2	+ 411
1X	Other mining and quarrying areas	104	0.1	30	—	+ 74
1P	Power line right of way	—	—	—	—	—
6	Grasslands	3,745	2.0	9,659	5.1	— 5,914
7F	Forest	47,671	25.3	48,684	25.8	— 1,013
7S	Scrub forest	4,811	2.5	6,063	3.2	— 1,252
7C	Newly cleared land	3,308	1.8	4,781	2.5	— 1,473
8	Swamps	2,712	1.4	8,354	4.4	— 5,642
9	Unused land	67	—	75	—	— 8
UN	Unclassified	894	0.5	885	0.5	+ 9
	Total	65,930	35.0+	80,800	42.7*	— 14,870

+ Based on the district total of 188,793 acres

* Based on the district total of 188,690 acres

Table KH 14.1
Summary of non-agricultural land use in the mukims of the district of Kulim (Kedah)

Code	Land Use Category	BAGAN SENA		JUNGJONG		KARANGAN	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	23	–	21	22	25	62
1E	Estate buildings and associated areas	81	77	2	3	50	56
1T	Tin mining areas	–	–	–	–	80	94
1X	Other mining and quarrying areas	–	–	–	–	63	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	495	1,424	45	237	396	1,074
7F	Forest	31	121	16	15	10,319	9,882
7S	Scrub forest	451	365	47	127	156	785
7C	Newly cleared land	646	648	365	24	558	121
8	Swamps	1,235	2,294	6	4	286	646
9	Unused land	–	–	–	–	–	–
UN	Unclassified	171	163	–	–	30	45
	Total	3,133	5,092	502	432	11,963	12,765

Table KH 14.1 cont'd

Code	Land Use Category	KELADI		KULIM		LUNAS		NAGA LILIT		MAHANG		PADANG CHINA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	91	59	468	440	59	80	141	59	18	28	133	203
1E	Estate buildings and associated areas	–	–	62	67	23	37	11	66	10	20	96	58
1T	Tin mining areas	–	–	207	80	–	–	–	–	–	30	42	–
1X	Other mining and quarrying areas	–	–	35	7	–	–	–	8	–	–	6	15
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	75	65	179	715	72	124	170	223	46	240	177	743
7F	Forest	–	–	–	454	–	8	–	–	22,416	22,492	27	25
7S	Scrub forest	30	4	29	193	33	30	68	112	262	478	51	451
7C	Newly cleared land	15	68	79	390	16	76	158	255	189	142	52	910
8	Swamps	–	41	14	121	113	180	26	225	46	161	75	324
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	32	39	39	55	33	40	–	–	33	35	1	–
	Total	243	276	1,112	2,522	349	575	574	948	23,020	23,626	660	2,729

Table KH 14.1 cont'd

Code	Land Use Category	PADANG NEHA		SEDIM		SIDAM KANAN		SUNGAI SELUANG		SUNGAI ULAR		TERAP	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	121	46	29	42	60	30	22	21	34	6	18	–
1E	Estate buildings and associated areas	71	113	170	229	24	37	12	23	31	45	–	39
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	383	97
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	337	607	26	574	532	491	79	280	56	485	1,060	2,377
7F	Forest	–	2	40	160	–	6	–	–	4,006	3,765	10,816	11,744
7S	Scrub forest	276	149	306	629	261	52	17	15	47	328	2,777	2,345
7C	Newly cleared land	270	169	240	1,059	267	71	132	442	8	30	313	376
8	Swamps	609	1,776	156	438	72	1,508	4	136	–	4	70	496
9	Unused land	–	–	–	–	49	75	–	–	–	–	18	12
UN	Unclassified	125	42	75	82	333	309	–	–	16	63	6	–
	Total	1,809	2,914	1,042	3,213	1,598	2,579	266	917	4,198	4,726	15,461	17,486

Table KH 15
Summary of agricultural land use in the district of Kulim (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	4,498	2.4	4,140	2.2	+ 358
2M	Market gardening	–	–	23	–	– 23
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	15,562	8.2	–	–	–
3Gm	Mature rubber	74,141	39.3	–	–	–
3Gs	Senile rubber	12,091	6.4	–	–	–
	Sub-total	101,794	53.9	96,274	51.0	+ 5,520
30y	Young oil palm	2,140	1.1	–	–	–
30m	Mature oil palm	5,368	2.8	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	7,508	3.9	243	0.1	+ 7,265
3Cy	Young coconut	174	0.1	–	–	–
3Cm	Mature coconut	164	0.1	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	338	0.2	526	0.3	– 188
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	3	–	– 3
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	313	0.2	95	–	+ 218
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	4	–	– 4
3R	Arecanut	–	–	–	–	–
4P	Padi	7,563	4.0	6,314	3.3	+ 1,249
4C	Diversified crops	849	0.4	268	0.1	+ 581
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	122,863	65.0+	107,890	57.0*	+ 14,973

+ Based on the district total of 188,793 acres

* Based on the district total of 188,690 acres

Table KH 15.1
Summary of agricultural land use in the mukims of the district of Kulim (Kedah)

Code	Land Use Category	BAGAN SENA		JUNJONG		KARANGAN	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	494	739	204	200	495	305
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,639	–	1,614	–	735	–
3Gm	Mature rubber	7,159	–	4,337	–	3,536	–
3Gs	Senile rubber	1,228	–	1,382	–	647	–
	Sub-total	10,026	8,810	7,333	7,451	4,918	6,446
30y	Young oil palm	189	–	81	–	321	–
30m	Mature oil palm	535	–	–	–	1,584	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	724	–	81	–	1,905	–
3Cy	Young coconut	–	–	–	–	136	–
3Cm	Mature coconut	–	–	–	–	2	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	3	–	27	138	89
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	21	7	–	4	133	4
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	4	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	654	419	224	230	194	114
4C	Diversified	42	23	6	6	130	35
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	11,961	10,005	7,848	7,918	7,913	6,993

Code	Land Use Category	KELADI		KULIM		LUNAS		NAGA LILIT	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	129	120	341	197	282	51	172	105
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	521	–	2,496	–	267	–	327	–
3Gm	Mature rubber	1,711	–	7,523	–	2,058	–	3,710	–
3Gs	Senile rubber	141	–	1,791	–	83	–	1,329	–
	Sub-total	2,373	2,357	11,810	10,585	2,408	2,689	5,366	5,474
30y	Young oil palm	–	–	–	–	242	–	–	–
30m	Mature oil palm	–	–	–	–	297	–	621	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	539	–	621	243
3Cy	Young coconut	5	–	–	–	27	–	–	–
3Cm	Mature coconut	19	–	–	–	51	–	3	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	24	5	–	–	78	247	3	29
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	14	–	3	4	4	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	200	237	48	31	251	385	753	705
4C	Diversified crops	37	12	23	7	77	36	47	36
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,763	2,731	12,236	10,820	3,638	3,412	6,966	6,592

Table KH 15.1 cont'd

Code	Land Use Category	MAHANG		PADANG CHINA		PADANG NEHA		SEDIM	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	326	362	122	100	445	326	317	323
2M	Market gardening	–	–	–	18	–	5	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	572	–	120	–	1,860	–	217	–
3Gm	Mature rubber	1,915	–	7,449	–	7,653	–	10,542	–
3Gs	Senile rubber	362	–	687	–	1,584	–	332	–
	Sub-total	2,849	2,308	8,256	8,924	11,097	10,423	11,091	8,982
30y	Young oil palm	40	–	607	–	143	–	7	–
30m	Mature oil palm	–	–	2,075	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	40	–	2,682	–	–	–	7	–
3Cy	Young coconut	–	–	2	–	4	–	–	–
3Cm	Mature coconut	–	–	–	–	83	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	2	6	87	80	–	12
3N	Pineapple	–	–	–	–	–	3	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	12	21	20	19	38	3	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	460	426	147	121	898	792	404	291
4C	Diversified crops	36	–	46	18	45	16	13	54
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,723	3,117	–	9,206	12,753	11,648	11,832	9,662

Table KH 15.1 cont'd

Code	Land Use Category	SIDAM KANAN		SUNGAI SELUANG		SUNGAI ULAR		TERAP	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	493	525	194	135	45	125	439	527
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	719	–	504	–	1,770	–	2,201	–
3Gm	Mature rubber	3,690	–	3,683	–	4,966	–	4,209	–
3Gs	Senile rubber	733	–	2	–	777	–	1,013	–
	Sub-total	5,142	4,985	4,189	3,885	7,513	7,190	7,423	5,764
30y	Young oil palm	5	–	135	–	63	–	307	–
30m	Mature oil palm	103	–	5	–	148	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	108	–	140	–	211	–	307	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	6	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	6	8	–	20	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	25	18	9	9	–	–	34	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,965	1,402	609	538	231	218	525	405
4C	Diversified crops	180	–	93	10	64	3	10	13
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	7,919	6,938	5,234	4,597	8,064	7,536	8,738	6,715

Table KH 16
Summary of non-agricultural land use in the district of Langkawi (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	361	0.3	239	0.2	+ 122
1E	Estate buildings and associated areas	–	–	31	–	– 31
1T	Tin mining areas	- 33	–	–	–	+ 33
1X	Other mining and quarrying areas	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–
6	Grasslands	531	0.4	5,177	4.4	– 4,646
7F	Forest	66,006	55.9	71,917	61.2	– 5,911
7S	Scrub forest	8,971	7.6	6,252	5.3	+ 2,719
7C	Newly cleared land	1,148	1.0	1,109	0.9	+ 39
8	Swamps	9,288	7.9	10,146	8.6	– 858
9	Unused land	3,024	2.6	1,848	1.6	+ 1,176
UN	Unclassified	1,949	1.6	1,580	1.3	+ 369
	Total	91,311	77.3+	98,299	83.5*	– 6,988

+ Based on the district total of 118,144 acres

* Based on the district total of 117,411 acres

Table KH 16.1
Summary of non-agricultural land use in the mukims of the district of Langkawi (Kedah)

Code	Land Use Category	AYER HANGAT		BOHOR		KEDAWANG		KUAH		PADANG MASIRAT		ULU MELAKA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	42	6	19	20	8	8	239	160	49	42	4	3
1E	Estate buildings and associated areas	–	–	–	–	–	–	33	31	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	115	1,289	9	512	172	1,189	70	1,153	165	498	–	536
7F	Forest	3,686	5,158	4,997	4,968	2,786	3,535	25,142	28,641	15,447	15,452	13,948	14,163
7S	Scrub forest	2,295	1,429	85	358	1,329	1,374	3,878	1,210	628	350	756	1,531
7C	Newly cleared land	72	409	24	112	100	117	713	390	37	17	202	64
8	Swamps	3,561	3,801	–	–	213	356	5,255	5,643	45	117	214	229
9	Unused land	651	392	–	–	165	173	1,731	612	375	671	102	–
UN	Unclassified	1,209	812	–	–	7	11	699	730	29	4	5	23
	Total	11,631	13,296	5,134	5,970	4,780	6,763	37,760	38,570	16,775	17,151	15,231	16,549

Table KH 17
Summary of agricultural land use in the district of Langkawi (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	5,709	4.8	3,319	2.0	+ 2,390
2M	Market gardening	84	0.1	–	–	+ 84
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	1,655	1.4	–	–	–
3Gm	Mature rubber	7,936	6.7	–	–	–
3Gs	Senile rubber	929	0.8	–	–	–
	Sub-total	10,520	8.9	6,088	5.2	+ 4,432
30y	Young oil palm	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	–	–	–	–	–
3Cy	Young coconut	160	0.1	–	–	–
3Cm	Mature coconut	2,296	1.9	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	2,456	2.0	2,308	2.0	– 172
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	30	–	36	–	– 6
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	7,992	6.8	7,201	6.1	+ 791
4C	Diversified crops	42	–	160	0.1	– 118
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	26,833	22.6+	19,112	16.3*	+ 7,721

+ Based on the district total of 118,144 acres

* Based on the district total of 117,411 acres

Table KH 17.1
Summary of agricultural land use in the mukims of the district of Langkawi (Kedah)

Code	Land Use Category	AYER HANGAT		BOHOR	
		1974	1966	1974	1966
2H	Mixed horticulture	1,273	544	657	435
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	85	–	40	–
3Gm	Mature rubber	661	–	911	–
3Gs	Senile rubber	40	–	12	–
	Sub-total	786	323	963	332
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	92	–	2	–
3Cm	Mature coconut	397	–	101	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	489	246	103	180
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	–	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	1,108	842	1,128	1,092
4C	Diversified crops	2	–	10	9
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	3,658	1,961	2,861	2,048

Table KH 17.1 cont'd

Code	Land Use Category	KEDAWANG		KUAH		PADANG MASIRAT		ULU MELAKA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,003	390	1,280	701	616	564	880	685
2M	Market gardening	84	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	579	–	342	–	31	–	578	–
3Gm	Mature rubber	1,326	–	3,047	–	158	–	1,833	–
3Gs	Senile rubber	23	–	553	–	–	–	301	–
	Sub-total	1,928	420	3,942	3,124	189	75	2,712	1,814
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	29	–	7	–	13	–	17	–
3Cm	Mature coconut	526	–	504	–	562	–	206	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	555	876	511	571	575	262	223	173
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	8	28	12	–	–	2	10
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,675	1,589	941	650	856	850	2,284	2,178
4C	Diversified crops	3	–	5	34	–	109	22	8
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,248	3,283	6,707	5,092	2,236	1,860	6,123	4,868

Table KH 18
Summary of non-agricultural land use in the district of Padang Terap (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	585	0.2	275	0.1	+ 310
1E	Estate buildings and associated areas	100	–	27	–	+ 73
1T	Tin mining areas	51	–	–	–	+ 51
1X	Other mining and quarrying areas	1	–	3	–	– 2
1P	Power line right of way	–	–	–	–	–
6	Grasslands	11,597	3.5	11,578	3.4	+ 19
7F	Forest	184,822	55.0	224,443	67.0	– 39,621
7S	Scrub forest	46,763	13.9	62,402	18.6	– 15,739
7C	Newly cleared land	11,126	3.3	4,199	1.2	+ 6,699
8	Swamps	1,204	0.4	1,847	0.6	– 643
9	Unused land	2	–	–	–	+ 2
UN	Unclassified	13,591	4.1	872	0.3	+ 12,719
	Total	269,842	80.3+	305,646	91.2*	– 35,804

+ Based on the district total of 335,998 acres

* Based on the district total of 334,982 acres

Table KH 18.1
Summary of non-agricultural land use in the mukims of the district of Padang Terap (Kedah)

Code	Land Use Category	BATANG TUNGGANG KANAN		BATANG SUNGGANG KIRI		BELIMBING KANAN		BELIMBING KIRI		KURONG HITAM	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	8	4	83	60	–	–	6	7
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	3	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–
6	Grasslands	555	360	539	479	609	918	260	344	544	424
7F	Forest	17,344	16,844	43,720	43,928	695	980	1,534	2,976	8,381	10,413
7S	Scrub forest	1,742	2,968	1,848	2,946	2,144	3,727	1,465	1,482	1,673	1,091
7C	Newly cleared land	139	69	949	68	413	296	340	158	264	119
8	Swamps	109	190	140	172	36	32	19	–	29	14
9	Unused land	–	–	73	112	2	–	–	–	–	–
UN	Unclassified	–	–	–	–	139	156	5	–	–	–
	Total	19,889	20,431	47,277	47,709	4,121	6,169	3,623	4,963	10,897	12,068

Table KH 18.1 cont'd

Code	Land Use Category	PADANG TEMAK		PADANG TERAP KANAN		PADANG TERAP KIRI		PEDU		TEKAI		TOLAK	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	169	125	–	–	2	–	31	45	286	34	–	–
1E	Estate buildings and associated areas	5	–	–	–	71	–	–	–	4	27	20	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	51	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	595	1,278	473	549	281	614	2,797	1,797	4,689	4,682	255	133
7F	Forest	905	4,660	472	381	14,833	17,834	48,348	63,216	33,679	44,910	14,911	18,301
7S	Scrub forest	2,112	2,164	1,911	2,972	2,651	3,795	8,086	9,635	21,467	30,534	1,664	1,088
7C	Newly cleared land	2,372	162	293	123	759	114	530	330	3,431	2,600	1,636	160
8	Swamps	73	85	34	123	13	142	324	341	399	657	28	91
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	138	127	–	5	83	57	13,007	222	146	186	–	7
	Total	6,369	8,601	3,183	4,153	18,693	22,556	73,123	75,586	64,102	83,630	18,565	19,780

Table KH 19
Summary of agricultural land use in the district of Padang Terap (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	8,656	2.6	7,771	2.3	+ 885
2M	Market gardening	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	14,245	4.2	–	–	–
3Gm	Mature rubber	17,968	5.3	–	–	–
3Gs	Senile rubber	5,007	1.5	–	–	–
	Sub-total	37,220	11.1	10,645	3.2	+ 26,575
30y	Young oil palm	2	–	–	–	–
30m	Mature oil palm	4	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	6	–	–	–	+ 6
3Cy	Young coconut	3	–	–	–	–
3Cm	Mature coconut	12	–	–	–	–
3Cs	Senile coconut	5	–	–	–	–
	Sub-total	20	–	131	–	– 111
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	2,713	0.8	–	–	+ 2,713
3X	Orchards	894	0.3	181	–	+ 713
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	3	–	3
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	15,887	4.8	10,301	3.1	+ 5,586
4C	Diversified crops	438	0.1	132	–	+ 306
4X	Shifting cultivation	322	0.1	172	–	+ 150
5	Improved permanent pasture	–	–	–	–	–
	Total	66,156	19.7+	29,336	8.8*	+ 36,820

+ Based on the district total of 335,998 acres

* Based on the district total of 334,982 acres

Table KH 19.1
Summary of agricultural land use in the mukims of the district of Padang Terap (Kedah)

Code	Land Use Category	BATANG TUNGGANG KANAN		BATANG TUNGGANG KIRI		BELIMBING KANAN	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	185	118	203	151	1,132	1,324
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	32	–	153	–	1,057	–
3Gm	Mature rubber	55	–	197	–	1,882	–
3Gs	Senile rubber	91	–	75	–	801	–
	Sub-total	178	78	425	23	3,740	1,781
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	4	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	4	–
3Cy	Young coconut	–	–	–	–	1	–
3Cm	Mature coconut	–	–	–	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	–	–	–	5	128
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	–	–	–	–	202	34
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	500	255	234	199	1,347	1,047
4C	Diversified crops	8	–	6	–	38	18
4X	Shifting cultivation	122	–	24	80	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	993	451	892	453	6,468	4,332

Code	Land Use Category	BELIMBING KIRI		KURONG HITAM		PADANG TEMAK		PADANG TERAP KANAN	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	594	611	524	403	944	634	331	421
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	619	–	545	–	918	–	388	–
3Gm	Mature rubber	1,139	–	547	–	2,156	–	513	–
3Gs	Senile rubber	154	–	425	–	652	–	238	–
	Sub-total	1,912	859	1,517	550	3,726	2,111	1,139	516
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	2	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	2	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	262	5	86	8	137	134	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	708	620	608	501	970	674	1,057	629
4C	Diversified crops	34	50	26	9	86	20	2	3
4X	Shifting cultivation	–	–	–	–	–	–	32	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,510	2,145	2,761	1,471	5,865	3,573	2,561	1,569

Table KH 19.1 cont'd

Code	Land Use Category	PADANG TERAP KIRI		PEDU		TEKAI		TOLAK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	545	651	1,127	1,267	2,632	2,045	439	146
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	468	–	1,087	–	8,422	–	456	–
3Gm	Mature rubber	610	–	909	–	9,590	–	370	–
3Gs	Senile rubber	380	–	676	–	1,503	–	12	–
	Sub-total	1,458	488	2,672	1,015	19,515	3,148	838	76
30y	Young oil palm	–	–	–	–	2	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	2	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	5	–	3	–	–	–
3Cs	Senile coconut	5	–	–	–	–	–	–	–
	Sub-total	5	–	5	3	3	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	2,713	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	23	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	77	3	33	–	74	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,277	1,021	2,667	1,620	6,203	3,556	316	179
4C	Diversified crops	46	–	12	24	180	8	–	–
4X	Shifting cultivation	–	–	111	13	33	79	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,121	2,163	6,627	3,942	28,642	8,836	1,616	401

Table KH 20
Summary of non-agricultural land use in the district of Pendang (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	575	0.4	755	0.5	− 180
1E	Estate buildings and associated	99	0.1	106	0.1	− 7
1T	Tin mining areas	−	−	−	−	−
1X	Other mining and quarrying areas	79	−	−	−	+ 79
1P	Power line right of way	−	−	−	−	−
6	Grasslands	7,129	4.5	7,532	4.8	− 403
7F	Forest	32,531	20.7	34,812	22.2	− 2,281
7S	Scrub forest	10,396	6.6	25,498	16.3	− 15,102
7C	Newly cleared land	2,750	1.7	1,548	1.0	+ 1,202
8	Swamps	2,054	1.3	5,947	3.8	− 3,893
9	Unused land	419	0.3	51	−	+ 368
UN	Unclassified	1,824	1.2	237	0.1	+ 1,587
	Total	57,856	36.9+	76,486	48.9*	− 18,630

+ Based on the district total of 156,839 acres

* Based on the district total of 156,426 acres

Table KH 20.1
Summary of non-agricultural land use in the mukims of the district of Pendang (Kedah)

Code	Land Use Category	AYER PUTEH		BUKIT RAYA		GUAR KEPAYANG		PADANG KERBAU	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	190	104	54	31	23	195	233	264
1E	Estate buildings and associated areas	99	105	–	–	–	–	–	1
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	12	–	32	–	5	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	1,273	2,022	86	–	251	207	1,794	2,790
7F	Forest	302	180	4	–	94	14	3,556	3,504
7S	Scrub forest	920	3,437	10	–	466	1,155	4,809	9,552
7C	Newly cleared land	812	459	11	–	25	10	693	535
8	Swamps	255	1,708	267	1,012	87	252	252	1,004
9	Unused land	181	–	75	–	61	–	–	–
UN	Unclassified	519	88	580	43	233	21	2	–
	Total	4,563	8,103	1,119	1,086	1,245	1,854	11,339	17,650

Table KH 20.1 cont'd

Code	Land Use Category	PADANG PELIANG		PADANG PUSING		RAMBAI		TOBIAR	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	41	83	29	56	5	22
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	30	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	2,851	799	219	396	539	1,026	116	292
7F	Forest	27,371	30,572	233	232	889	310	82	–
7S	Scrub forest	1,990	3,158	656	2,390	1,362	4,171	183	1,635
7C	Newly cleared land	636	32	171	175	207	4	195	44
8	Swamps	118	77	172	219	283	767	620	908
9	Unused land	–	51	25	–	12	–	65	–
UN	Unclassified	–	–	157	27	72	17	261	41
	Total	32,996	34,978	1,674	3,522	3,393	6,351	1,527	2,942

Table KH 21
Summary of agricultural land use in the district of Pendang (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	8,635	5.5	9,664	6.2	– 1,029
2M	Market gardening	16	–	4	–	+ 12
2E	Agricultural stations	4	–	–	–	+ 4
3Gy	Young rubber	6,858	4.4	–	–	–
3Gm	Mature rubber	30,568	19.5	–	–	–
3Gs	Senile rubber	3,376	2.1	–	–	–
	Sub-total	40,802	26.0	26,079	16.7	+ 14,723
30y	Young oil palm	10	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	10	–	–	–	+ 10
3Cy	Young coconut	33	–	–	–	–
3Cm	Mature coconut	34	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	67	–	12	–	+ 55
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	8	–	–	–	+ 8
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	134	0.1	48	–	+ 86
3F	Fibre crops	–	–	–	–	–
3S	Sago	19	–	5	–	+ 14
3B	Banana	–	–	–	–	–
3H	Fish ponds	1	–	–	–	+ 1
3R	Arecanut	–	–	–	–	–
4P	Padi	48,906	31.2	43,988	28.1	+ 4,918
4C	Diversified crops	354	0.2	130	0.1	+ 224
4X	Shifting cultivation	27	–	10	–	+ 17
5	Improved permanent pasture	–	–	–	–	–
	Total	98,983	63.1+	79,940	51.1*	+ 9,043

+ Based on the district total of 156,839 acres

* Based on the district total of 156,426 acres

Table KH 21.1
Summary of agricultural land use in the mukims of the district of Pendang (Kedah)

Code	Land Use Category	AYER PUTEH		BUKIT RAYA		GUAR KEPAYANG		PADANG KERBAU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	2,303	2,575	1,138	1,257	687	678	1,148	1,153
2M	Market gardening	16	4	–	–	–	–	–	–
2E	Agricultural stations	4	–	–	–	–	–	–	–
3Gy	Young rubber	2,742	–	15	–	246	–	1,555	–
3Gm	Mature rubber	10,011	–	60	–	1,289	–	8,830	–
3Gs	Senile rubber	716	–	–	–	570	–	926	–
	Sub-total	13,469	11,616	75	149	2,105	1,343	11,311	6,263
30y	Young oil palm	–	–	–	–	–	–	10	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	10	–
3Cy	Young coconut	32	–	1	–	–	–	–	–
3Cm	Mature coconut	15	–	11	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	47	5	12	3	–	4	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	62	48	–	–	1	–	40	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	8	–	–	–	–	–	6	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	13,096	11,306	13,099	12,948	4,021	4,179	3,802	2,481
4C	Diversified crops	214	121	–	–	6	–	54	–
4X	Shifting cultivation	–	–	–	–	–	–	6	10
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	29,219	25,675	14,324	14,357	6,820	6,204	16,377	9,907

Code	Land Use Category	PADANG PELIANG		PADANG PUSING		RAMBAI		TOBIAR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	379	331	821	971	1,388	1,787	771	912
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	611	–	446	–	901	–	343	–
3Gm	Mature rubber	1,922	–	2,626	–	3,660	–	2,170	–
3Gs	Senile rubber	132	–	298	–	524	–	210	–
	Sub-total	2,665	1,229	3,370	1,448	5,085	2,519	2,723	1,512
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	8	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	8	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	8	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	1	–	6	–	16	–	8	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	5	5	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	1	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,041	453	4,128	3,983	4,842	4,094	4,877	4,544
4C	Diversified crops	1	–	42	9	33	–	4	–
4X	Shifting cultivation	6	–	–	–	15	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,093	2,013	8,368	6,416	11,400	8,400	8,383	6,968

Table KH 22
Summary of non-agricultural land use in the district of Sik (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	295	0.1	175	—	+ 130
1E	Estate buildings and associated areas	—	—	—	—	—
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	—	—	4	—	— 4
1P	Power line right of way	—	—	—	—	—
6	Grasslands	5,728	1.4	9,702	2.4	— 3,974
7F	Forest	309,142	75.1	324,161	78.8	— 15,019
7S	Scrub forest	17,868	4.3	32,488	7.9	— 14,620
7C	Newly cleared land	7,117	1.7	3,547	0.9	+ 3,570
8	Swamps	744	0.2	1,096	0.3	— 336
9	Unused land	43	—	38	—	+ 5
UN	Unclassified	4,716	1.1	1,219	0.3	+ 3,497
	Total	345,653	83.9+	372,430	90.5*	— 26,777

+ Based on the district total of 411,755 acres

* Based on the district total of 411,305 acres

Table KH 22.1
Summary of non-agricultural land use in the mukims of the district of Sik (Kedah)

Code	Land Use Category	JENERI		SIK		SOK	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	27	5	145	143	123	27
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	4	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	2,723	4,468	1,610	3,496	1,395	1,738
7F	Forest	6,017	7,529	108,915	117,819	194,210	198,813
7S	Scrub forest	4,441	11,441	5,508	9,152	7,919	11,879
7C	Newly cleared land	1,712	1,038	4,597	1,517	808	992
8	Swamps	585	528	120	382	39	186
9	Unused land	43	7	–	31	–	–
UN	Unclassified	358	389	257	236	4,101	594
	Total	15,906	25,405	121,152	132,780	208,595	214,229

Table KH 23
Summary of agricultural land use in the district of Sik (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	8,656	2.1	7,871	1.9	+ 785
2M	Market gardening	–	–	–	–	–
2E	Agricultural stations	119	–	39	–	+ 80
3Gy	Young rubber	5,331	1.3	–	–	–
3Gm	Mature rubber	29,846	7.2	–	–	–
3Gs	Senile rubber	13,664	3.3	–	–	–
	Sub-total	48,841	11.8	23,958	5.8	+ 24,883
30y	Young oil palm	3	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	3	–	–	–	+ 3
3Cy	Young coconut	5	–	–	–	–
3Cm	Mature coconut	34	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	39	–	19	–	+ 20
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	3	–	–	–	+ 3
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	573	0.1	106	–	+ 462
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	6	–	– 6
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	7,495	1.8	6,273	1.5	+ 1,222
4C	Diversified crops	377	0.1	525	0.1	– 148
4X	Shifting cultivation	16	–	62	–	– 46
5	Improved permanent pasture	–	–	–	–	–
	Total	66,124	16.1+	38,859	9.4*	+ 27,265

+ Based on the district total of 411,755 acres

* Based on the district total of 411,305 acres

Table KH 23.1
Summary of agricultural land use in the mukims of the district of Sik (Kedah)

Code	Land Use Category	JENERI		SIK		SOK	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,777	1,433	5,111	5,325	1,768	1,128
2M	Market gardening	–	–	–	–	–	–
2E	Agriculture stations	–	–	–	39	119	–
3Gy	Young rubber	1,822	–	2,936	–	573	–
3Gm	Mature rubber	9,604	–	18,022	–	2,220	–
3Gs	Senile rubber	3,704	–	6,715	–	3,245	–
	Sub-total	15,130	6,112	27,673	16,667	6,038	1,180
30y	Young oil palm	–	–	3	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	3	–	–	–
3Cy	Young coconut	–	–	5	–	–	–
3Cm	Mature coconut	–	–	6	–	28	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	7	11	12	28	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	3	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	70	32	462	44	41	30
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	6	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	1,368	1,006	5,323	4,608	804	659
4C	Diversified crops	211	222	124	207	42	96
4X	Shifting cultivation	16	4	–	4	–	54
5	Improved permanent pasture	–	–	–	–	–	–
	Total	18,575	8,816	38,707	26,912	8,840	3,147

Table KH 24
Summary of non-agricultural land use in the district of Yen (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	392	0.6	243	0.4	+ 149
1E	Estate buildings and associated areas	–	–	4	–	– 4
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	45	0.1	18	–	+ 27
1P	Power line right of way	6	–	–	–	+ 6
6	Grasslands	195	0.3	368	0.6	– 173
7F	Forest	6,980	11.6	7,659	12.8	– 679
7S	Scrub forest	712	1.2	1,861	3.1	– 1,149
7C	Newly cleared land	116	0.2	–	–	+ 116
8	Swamps	583	1.0	2,338	3.9	– 1,755
9	Unused land	284	0.5	219	0.4	+ 284
UN	Unclassified	1,306	2.2	263	0.4	+ 1,043
	Total	10,619	17.7+	12,973	21.7*	– 2,135

+ Based on the district total of 59,974 acres

* Based on the district total of 59,948 acres

Table KH 24.1
Summary of non-agricultural land use in the mukims of the district of Yen (Kedah)

Code	Land Use Category	DULANG		SALA BESAR		SINGKIR		SUNGAI DAUN		YEN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	4	–	201	135	11	–	50	37	126	71
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	4
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	34	13	–	–	–	–	11	5
1P	Power line right of way	–	–	–	–	–	–	–	–	6	–
6	Grasslands	2	–	91	29	13	103	–	45	89	191
7F	Forest	–	–	2	10	780	1,108	202	–	5,996	6,541
7S	Scrub forest	–	–	33	19	399	1,035	54	238	226	569
7C	Newly cleared land	4	–	1	–	4	–	–	–	107	–
8	Swamps	104	129	158	1,308	–	63	175	539	146	299
9	Unused land	67	38	117	57	–	–	97	89	3	35
UN	Unclassified	161	14	508	200	–	–	356	39	281	10
	Total	342	181	1,145	1,771	1,207	2,309	934	987	6,991	7,725

Table KH 25
Summary of agricultural land use in the district of Yen (Kedah)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,459	9.1	5,580	3	– 121
2M	Market gardening	–	–	65	0.1	– 65
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	544	0.9	–	–	–
3Gm	Mature rubber	2,227	3.7	–	–	–
3Gs	Senile rubber	1,924	3.2	–	–	–
	Sub-total	4,695	7.8	3,355	5.6	+ 1,340
30y	Young oil palm	23	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	23	–	–	–	+ 23
3Cy	Younc coconut	–	–	–	–	–
3Cm	Mature coconut	921	1.5	–	–	–
3Cs	Senile coconut	2	–	–	–	–
	Sub-total	923	1.5	1,727	2.9	– 804
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	713	1.2	13	–	+ 700
3F	Fibre crops	–	–	–	–	–
3S	Sago	6	–	7	–	– 1
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	37,496	62.5	36,126	60.2	+ 1,370
4C	Diversified crops	40	0.1	102	0.2	– 62
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	49,355	82.3+	46,975	78.3*	+ 2,380

+ Based on the district total of 59,974 acres

* Based on the district total of 59,948 acres

Table KH 25.1
Summary of agricultural land use in the mukims of the district of Yen (Kedah)

Code	Land Use Category	DULANG		SALA BESAR	
		1974	1966	1974	1966
2H	Mixed horticulture	495	473	1,367	1,484
2M	Market gardening	–	10	–	14
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	40	–
3Gm	Mature rubber	–	–	304	–
3Gs	Senile rubber	–	–	66	–
	Sub-total	–	8	410	445
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	137	–	60	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	137	280	60	112
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	–	–	12	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	2	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	4,741	4,720	14,497	13,674
4C	Diversified crops	–	43	7	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	5,373	5,534	16,355	15,729

Table KH 25.1 cont'd

Code	Land Use Category	SINGKIR		SUNGAI DAUN		YEN	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	709	407	1,092	1,128	1,796	2,088
2M	Market gardening	–	–	–	–	–	41
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	131	–	–	–	373	–
3Gm	Mature rubber	463	–	–	–	1,460	–
3Gs	Senile rubber	618	–	–	–	1,240	–
	Sub-total	1,212	669	–	–	3,073	2,233
30y	Young oil palm	23	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	23	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	32	–	185	–	507	–
3Cs	Senile coconut	–	–	–	–	2	–
	Sub-total	32	16	185	405	509	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	236	–	–	–	465	13
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	4	7	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	1,409	1,412	11,374	11,062	5,475	5,258
4C	Diversified crops	–	–	–	–	3	59
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	3,621	2,504	12,655	12,602	11,351	10,606

THE PRESENT LAND USE OF KELANTAN

The General Pattern

The State of Kelantan is largely forested. Agricultural development has made little headway into the forest zone as a result of the steep and rugged terrain of the highlands. Consequently, land developed for agricultural and urban use is confined mainly to the coastal plains, the riverine plains and terraces and low hills. The coastal swamps and sand ridges or permatang have also remained relatively undeveloped.

Padi cultivation, a totally smallholder enterprise, is still the major activity on the marine and riverine plains. Where irrigation facilities have been provided double cropping is practised; in the absence of irrigation facilities, particularly on the higher terraces, tobacco is the main "dry" season crop. This crop has, however, not been mapped in this survey because the tobacco plots are each about one-seventh of an acre in size. Contiguous blocks of a few acres are uncommon and their mapping would not represent the total acreage planted. Coconuts continue to be grown as the main tree crop on the plains while rubber is predominant in the high terraces and hilly land. The predominantly smallholder agriculture is seen in the presence of numerous clusters of settlement units or individual units within the padi plains, coconut groves, rubber holdings or narrow elongated conurbations bordering the main highways and river courses. These are the mixed horticulture units which are characterized by a mixed cropping pattern consisting of various combinations of coconut palms, fruit trees, bananas, tapioca, yams, sugarcane, vegetable gardens and the odd rubber tree.

The possibility of intertilling tree crops with low crops such as rubber (in the early years of growth) with pineapple increases the intensity of land use. This practice, as indicated in the section on the Methodology of Survey, has necessitated the adoption of the crop equivalent factor. Consequently, the land use area for the State in 1974 is 2,878 acres (1,166 ha) larger than the physical area.

Post – 1966 Developments

Recession of the coastline, particularly in the district of Tumpat, has resulted in a reduction of the total physical area of the State by 47 acres (19 ha) since 1966 (Wong, 1970a). This difference would have been larger but for the re-alignment of the boundaries of the unclassified category across river estuaries.

The land use area in 1974 is larger than that in 1966 by 2,831 acres (1,146 ha). This is indicated in Table KN 1. Agricultural land use shows an even larger increase. Land already under agricultural use shows an increment of 114,800 acres (46,494 ha). This figure does not, however, take into account the total area earmarked for agricultural development. To obtain a closer assessment of the total land devoted to agricultural use the areas of newly cleared land would have to be included. Such inclusion brings the total agricultural land use in the State to 690,051 acres (279,471 ha). Compared to the 1966 total of 546,004 acres (221,132 ha) there is a net increase of 144,047 acres (58,339 ha) in 1974.

Further comparisons by land use category at the State, district and mukim levels are indicated in Tables KN 2 to KN 19.

Table KN 1
The land use summary of the State of Kelantan

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	3,713,679	3,713,726	– 47
Total land use area	3,716,557*	3,713,726	+ 2,831
Cultivated area	634,488	519,688	+ 114,800
Newly cleared land	55,563	26,316	+ 29,247
Total agricultural land	690,051	546,004	+ 144,047

* The land use acreage in 1974 is 2,878 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations.

Table KN 2
Summary of non-agricultural land use in the State of Kelantan

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	7,576	0.2	6,833	0.2	+ 743
1E	Estate buildings and associated areas	607	–	522	–	+ 85
1T	Tin mining areas	8	–	–	–	+ 8
1X	Other mining and quarrying areas	359	–	352	–	+ 7
1P	Power line right of way	276	–	361	–	– 85
6	Grasslands	46,103	1.2	67,622	1.8	– 21,519
7F	Forest	2,728,824	73.4	2,821,841	76.0	– 90,828
7S	Scrub forest	137,611	3.7	159,644	4.3	– 22,033
7C	Newly cleared land	55,563	1.5	26,316	0.7	+ 29,247
8	Swamps	64,126	1.7	64,710	1.7	– 584
9	Unused land	4,632	0.1	15,664	0.4	+ 11,032
UN	Unclassified	36,312	1.0	30,173	0.8	+ 6,139
	Total	3,081,997	82.9+	3,194,038	86.0*	– 112,041

+ Based on the State total of 3,716,557 acres

* Based on the State total of 3,713, 726 acres

Table KN 3
Summary of agricultural land use in the State of Kelantan

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	84,881	2.3	80,561	2.2	+ 4,320
2M	Market gardening	50	–	67	–	– 17
2E	Agricultural stations	77	–	73	–	+ 4
3Gy	Young rubber	56,272	1.5	–	–	–
3Gm	Mature rubber	202,002	5.4	–	–	–
3Gs	Senilr rubber	61,976	1.7	–	–	–
	Sub-total	320,191	8.6	223,716	6.0	+ 96,475
30y	Young oil palm	4,622	0.1	–	–	–
30m	Mature oil palm	8,297	0.2	–	–	–
30s	Senile oil palm	75	–	–	–	–
	Sub-total	12,994	0.3	1,219	–	+ 11,775
3Cy	Young coconut	3,707	0.1	–	–	–
3Cm	Mature coconut	12,129	0.3	–	–	–
3Cs	Senile coconut	3,099	0.1	–	–	–
	Sub-total	18,935	0.5	17,370	0.5	+ 1,565
3N	Pineapple	261	–	–	–	+ 261
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	12	–	–	–	+ 12
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	2,267	0.1	452	–	+ 1,815
3F	Fibre crops	–	–	–	–	–
3S	Sago	467	–	1,492	–	– 1,025
3B	Banana	–	–	--	–	–
3H	Fish ponds	14	–	26	–	– 12
3R	Arecanut	–	–	–	–	–
4P	Padi	185,884	5.0	188,390	5.1	– 2,506
4C	Diversified crops	5,607	0.2	2,753	0.1	+ 2,854
4X	Shifting cultivation	2,861	0.1	3,569	0.1	– 708
5	Improved permanent pasture	–	–	–	–	–
	Total	634,501	17.1+	519,688	14.0*	+ 114,813

+ Based on the State total of 3,716,557 acres

* Based on the State total of 3,713,726 acres

Table KN 4
Summary of non-agricultural land use in the district of Bachok (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	197	0.2	190	0.3	+ 7
1E	Estate buildings and associated areas	—	—	—	—	—
1T	Tin mining areas	—	—	3	—	— 3
1X	Other mining and quarrying areas	—	—	—	—	—
1P	Power line right of way	—	—	—	—	—
6	Grasslands	8,651	12.5	7,366	10.7	+ 1,285
7F	Forest	321	0.4	342	0.5	— 21
7S	Scrub forest	884	1.2	1,388	2.0	— 504
7C	Newly cleared land	604	0.8	4	—	+ 600
8	Swamps	12,353	17.9	14,958	21.7	— 2,605
9	Unused land	493	0.7	589	0.8	— 96
UN	Unclassified	1,347	1.9	514	0.7	+ 833
	Total	24,850	35.6+	25,354	36.7*	— 504

+ Based on the district total of 68,926 acres

* Based on the district total of 68,753 acres

Table KN 4.1
Summary of non-agricultural land use in the mukims of the district of Bachok (Kelantan)

Code	Land Use Category	BEKELAM		GUNONG BARAT (MAHLIGAI)		GUNONG TIMOR (GUNONG)		MENTUAN (TAWANG)	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	5	4	3	7	21	42	32	5
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	3	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	57	61	128	120	762	660	427	1,041
7F	Forest	3	3	3	9	302	325	9	–
7S	Scrub forest	59	4	18	–	223	336	46	6
7C	Newly cleared land	24	–	15	4	48	–	47	–
8	Swamps	103	57	26	35	2,413	2,218	267	225
9	Unused land	–	–	–	–	–	–	98	83
UN	Unclassified	161	50	253	–	295	31	223	105
	Total	412	182	446	175	4,064	3,612	1,149	1,465

Table KN 4.1 cont'd

Code	Land Use Category	PERUPOK		REPEK		TANJONG PAUH (PAYA TERATAI)		TELONG	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	88	91	27	20	13	21	8	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	88	140	1,569	1,457	332	458	5,288	3,429
7F	Forest	4	–	–	–	–	–	–	5
7S	Scrub forest	8	–	72	44	46	–	412	998
7C	Newly cleared land	35	–	111	–	99	–	225	–
8	Swamps	281	230	2,391	2,702	170	233	6,702	9,258
9	Unused land	106	132	111	150	–	–	178	224
UN	Unclassified	95	112	135	115	153	87	32	14
	Total	705	705	4,416	4,488	813	799	12,845	13,928

Table KN 5
Summary of agricultural land use in the district of Bachok (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	8,301	12.0	9,309	13.5	– 1,008
2M	Market gardening	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	461	0.6	–	–	–
3Gm	Mature rubber	2,194	3.1	–	–	–
3Gs	Senile rubber	784	1.1	–	–	–
	Sub-total	3,439	4.8	3,629	5.3	– 190
30y	Young oil palm	6	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	6	–	–	–	–
3Cy	Young coconut	2,014	2.9	–	–	–
3Cm	Mature coconut	3,204	4.6	–	–	–
3Cs	Senile coconut	1,476	2.1	–	–	–
	Sub-total	6,694	9.6	5,774	8.4	+ 920
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	30	–	–	–	+ 30
3F	Fibre crops	–	–	–	–	–
3S	Sago	13	–	51	0.1	– 38
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	25,495	36.9	24,636	35.8	+ 859
4C	Diversified crops	98	0.1	–	–	+ 98
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	44,076	63.4+	43,399	63.1*	+ 677

+ Based on the district total of 68,926 acres

* Based on the district total of 68,753 acres

Table KN 5.1
Summary of agricultural land use in the mukims of the district of Bachok (Kelantan)

Code	Land Use Category	BEKELAM		GUNONG BARAT (MAHLIGAI)		GUNONG TIMOR (GUNONG)		MENTUAN (TAWANG)	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,002	1,074	771	533	1,936	1,937	1,966	2,954
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	50	–	137	–	212	–	26	–
3Gm	Mature rubber	324	–	569	–	944	–	15	–
3Gs	Senile ruhber	60	–	109	–	437	–	34	–
	Sub-total	434	612	815	1,231	1,593	1,541	75	38
30y	Yuong oil palm	–	–	6	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	6	–	–	–	–	–
3Cy	Young coconut	11	–	5	–	57	–	753	–
3Cm	Mature coconut	65	–	100	–	220	–	568	–
3Cs	Senile coconut	2	–	6	–	119	–	242	–
	Sub-total	78	195	111	148	396	729	1,563	599
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	2	–	2	–	11	–	12	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	1	10	7	24	4	17	1	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,960	3,830	2,533	2,593	6,206	6,380	5,078	4,686
4C	Diversified crops	14	–	13	–	10	–	14	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,491	5,721	4,258	4,529	10,156	10,604	8,709	8,277

Table KN 5.1 cont'd

Code	Land Use Category	PERUPOK		REPEK		TANJONG PAUH (PAYA TERATAI)		TELONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	868	713	830	913	601	856	327	329
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	8	–	21	–	7	–
3Gm	Mature rubber	51	–	237	–	27	–	27	–
3Gs	Senile rubber	–	–	44	–	14	–	86	–
	Sub-total	51	–	289	83	62	26	120	98
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	132	–	336	–	148	–	572	–
3Cm	Mature coconut	769	–	660	–	238	–	584	–
3Cs	Senile coconut	194	–	585	–	179	–	149	–
	Sub-total	1,095	1,374	1,581	1,522	565	475	1,305	732
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	3	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,574	1,485	3,081	3,186	1,873	1,759	1,190	717
4C	Diversified crops	–	–	12	–	–	–	35	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,588	3,572	5,793	5,704	3,104	3,116	2,977	1,876

Table KN 6
Summary of non-agricultural land use in the district of Kota Bharu (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,842	3.8	3,121	3.1	+ 734
1E	Estate buildings and associated areas	—	—	—	—	—
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	2	—	5	—	— 3
1P	Power line right of way	24	—	18	—	+ 6
6	Grasslands	3,511	3.5	3,394	3.4	+ 117
7F	Forest	199	0.2	155	0.2	+ 44
7S	Scrub forest	1,043	1.0	918	0.9	+ 125
7C	Newly cleared land	184	0.1	57	—	+ 127
8	Swamps	4,100	4.1	2,685	2.7	+ 1,415
9	Unused land	646	0.6	535	0.5	+ 111
UN	Unclassified	5,338	5.3	3,832	3.8	+ 1,506
	Total	18,889	19.0+	14,720	14.8*	+ 4,182

+ Based on the district total of 99,443 acres

* Based on the district total of 99,354 acres

Table KN 6.1
Summary of non-agricultural land use in the mukims of the district of Kota Bharu (Kelantan)

Code	Land Use Category	BADANG		BANGGU		BETA	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	43	170	18	37	13	15
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	5	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	429	411	149	84	48	49
7F	Forest	–	–	7	4	8	–
7S	Scrub forest	89	81	116	3	50	–
7C	Newly cleared land	1	4	22	–	–	–
8	Swamps	665	756	211	140	344	104
9	Unused land	295	414	12	–	22	–
UN	Unclassified	999	1,101	280	110	352	242
	Total	2,521	2,937	815	383	837	410

Table KN 6.1 cont'd

Code	Land Use Category	KADOK		KEMUNIN		KOTA		KOTA BHARU		LIMBAT		LUNDANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	29	41	634	275	126	184	1,892	1,520	21	34	298	227
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	13	–
6	Grasslands	216	102	705	1,080	66	97	25	137	110	56	82	–
7F	Forest	–	–	–	–	14	–	–	–	10	103	50	17
7S	Scrub forest	83	4	5	13	12	–	–	6	118	8	38	–
7C	Newly cleared land	7	–	–	–	–	–	–	39	10	–	7	–
8	Swamps	268	14	387	450	113	27	73	14	203	89	151	127
9	Unused land	–	–	62	40	65	–	23	–	22	–	18	–
UN	Unclassified	128	11	194	189	296	246	256	266	86	31	55	33
	Total	731	172	1,987	2,047	692	554	2,269	1,982	580	321	712	404

Table KN 6.1 cont'd

Code	Land Use Category	PANGKALAN KALONG		PANJI		PENDEK		PERINGAT		SERING		SALOR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	220	137	413	321	29	29	70	47	28	30	8	54
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	2	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	11	18	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,035	624	206	195	37	68	307	389	68	33	28	52
7F	Forest	76	48	5	–	11	–	4	–	14	–	–	–
7S	Scrub forest	273	786	29	–	48	7	137	10	21	–	24	–
7C	Newly cleared land	35	14	49	–	2	–	36	–	15	–	–	–
8	Swamps	716	312	143	145	116	24	242	–	414	361	54	22
9	Unused land	5	19	–	–	16	–	–	100	36	45	70	17
UN	Unclassified	911	355	98	61	251	117	307	7	464	437	661	626
	Total	3,284	2,313	943	722	510	245	1,103	553	1,060	906	845	771

Table KN 7
Summary of agricultural land use in the district of Kota Bharu (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	17,292	17.3	17,748	17.9	– 456
2M	Market gardening	–	–	–	–	–
2E	Agricultural stations	65	0.1	46	–	+ 19
3Gy	Young rubber	1,881	1.8	–	–	–
3Gm	Mature rubber	11,093	11.1	–	–	–
3Gs	Senile rubber	4,949	4.9	–	–	–
	Sub-total	17,923	17.8	19,380	19.5	– 1,457
30y	Young oil palm	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	–	–	–	–	–
3Cy	Young coconut	789	0.7	–	–	–
3Cm	Mature coconut	4,695	4.7	–	–	–
3Cs	Senile coconut	715	0.7	–	–	–
	Sub-total	6,199	6.1	6,332	6.4	– 133
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	1,206	1.2	12	–	+ 1,194
3F	Fibre crops	–	–	–	–	–
3S	Sago	19	–	593	0.6	– 574
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	36,901	37.1	40,101	40.4	– 3,200
4C	Diversified crops	949	0.9	422	0.4	+ 527
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	80,554	81.0+	84,634*	85.2*	– 4,080

+ Based on the district total of 99,443 acres

* Based on the district total of 99,354 acres

Table KN 7.1
Summary of agricultural land use in the mukims of the district of Kota Bharu (Kelantan)

Code	Land Use Category	BADANG		BANGGU		BETA	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	792	908	1,446	1,517	612	543
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	24	–	182	–	88	–
3Gm	Mature rubber	31	–	1,036	–	282	–
3Gs	Senile rubber	26	–	269	–	897	–
	Sub-total	81	78	1,487	1,786	1,267	1,422
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	376	–	12	–	–	–
3Cm	Mature coconut	2,272	–	134	–	5	–
3Cs	Senile coconut	419	–	5	–	25	–
	Sub-total	3,067	2,463	151	140	30	20
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–
3F	Fibre crops	–	–	21	–	62	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	2	7	–	88
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	837	921	3,629	3,760	2,915	3,263
4C	Diversified crops	79	61	42	–	23	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	4,856	4,431	6,778	7,210	4,909	5,336

Table KN 7.1 cont'd

Code	Land Use Category	KADOK		KEMUNIN		KOTA		KOTA BHARU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,033	640	1,116	972	1,102	1,643	188	315
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	168	–	2	–	22	–	8	–
3Gm	Mature rubber	1,046	–	8	–	602	–	11	–
3Gs	Senile rubber	279	–	–	–	379	–	54	–
	Sub-total	1,493	2,096	10	16	1,003	517	73	51
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	240	–	–	–	–	–
3Cm	Mature coconut	3	–	684	–	43	–	7	–
3Cs	Senile coconut	–	–	24	–	–	–	3	–
	Sub-total	3	5	948	1,002	43	71	10	118
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	156	–	–	–	104	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	2	108	–	–	–	41	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,568	3,989	1,493	1,451	1,123	1,246	21	115
4C	Diversified crops	24	–	–	3	152	147	124	98
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,279	6,838	3,567	3,444	3,527	3,665	416	697

Table KN 7.1 cont'd

Code	Land Use Category	LIMBAT		LUNDANG		PENGKALAN KALONG		PANJI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	541	582	1,438	2,236	1,807	1,315	1,962	2,385
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	63	–	2	–	–	–
3Gy	Young rubber	182	–	11	–	552	–	31	–
3Gm	Mature rubber	830	–	545	–	3,801	–	273	–
3Gs	Senile rubber	166	–	468	–	913	–	369	–
	Sub-total	1,178	1,545	1,024	575	5,266	5,843	673	329
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	8	–	–	–	19	–	38	–
3Cm	Mature coconut	6	–	189	–	12	–	519	–
3Cs	Senile coconut	–	–	2	–	–	–	185	–
	Sub-total	14	67	191	91	31	107	742	752
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	442	8	18	–	107	–	29	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	20	–	66	–	128	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,462	1,712	1,755	1,885	5,797	6,632	1,661	1,870
4C	Diversified crops	38	–	56	–	80	36	58	7
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,675	3,934	4,545	4,853	13,090	14,061	5,125	5,343

Table KN 7.1 cont'd

Code	Land Use Category	PENDEK		PERINGAT		SERING		SALOR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	820	907	1,811	1,176	1,662	1,503	962	1,106
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	46	–	–	–	–
3Gy	Young rubber	75	–	496	–	15	–	25	–
3Gm	Mature rubber	778	–	1,583	–	70	–	197	–
3Gs	Senile rubber	187	–	613	–	98	–	231	–
	Sub-total	1,040	1,151	2,692	3,598	183	69	453	304
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	8	–	6	–	79	–	3	–
3Cm	Mature coconut	11	–	21	–	763	–	26	–
3Cs	Senile coconut	–	–	11	–	39	–	2	–
	Sub-total	19	32	38	94	881	1,343	31	27
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	118	–	142	4	7	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	89	15	46	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,960	3,067	4,883	5,241	1,803	1,809	2,994	3,140
4C	Diversified crops	72	44	78	–	34	–	89	26
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,029	5,290	9,659	10,205	4,570	4,724	4,529	4,603

Table KN 8
Summary of non-agricultural land use in the district of Machang (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	312	0.2	228	0.2	+ 84
1E	Estate buildings and associated areas	28	–	34	–	– 6
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	238	–	344	0.3	– 106
1P	Power line right of way	125	–	145	0.1	– 20
6	Grasslands	2,568	1.9	5,457	4.2	– 2,889
7F	Forest	52,649	40.1	56,445	43.2	– 3,796
7S	Scrub forest	7,281	5.5	7,512	5.7	– 231
7C	Newly cleared land	2,299	1.7	1,260	1.0	+ 1,039
8	Swamps	1,904	1.4	1,654	1.3	+ 250
9	Unused land	208	0.1	192	0.1	+ 16
UN	Unclassified	2,144	1.6	2,022	1.5	+ 122
	Total	69,756	53.3+	75,293	57.6*	– 5,537

+ Based on the district total of 131,023 acres

* Based on the district total of 130,662 acres

Table KN 8.1
Summary of non-agricultural land use in the mukims of the district of Machang (Kelantan)

Table KN 8.1 cont'd

Code	Land Use Category	LABOK		PANYIT		PULAI CHON DONG		TAMANGAN		TANAH MERAH (LIMAU HANTU)		ULU SAT	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	34	38	18	–	48	37	40	65	2	11	170	77
1E	Estate buildings and associated areas	–	14	–	–	12	7	9	6	7	–	–	7
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	54	35	170	309	–	–	14	–
1P	Power line right of way	28	34	11	23	56	39	–	–	5	7	25	42
6	Grasslands	655	965	348	674	333	496	329	906	394	856	509	1,560
7F	Forest	3,902	4,628	722	1,796	2,467	2,148	6,219	7,330	16	113	39,323	40,430
7S	Scrub forest	1,517	2,230	1,467	960	345	297	1,171	1,073	499	793	2,282	2,159
7C	Newly cleared land	547	81	439	248	34	27	612	594	265	35	402	275
8	Swamps	514	646	242	166	234	134	228	177	381	360	305	171
9	Unused land	50	41	–	–	14	10	68	54	76	87	–	–
UN	Unclassified	300	278	–	–	368	349	706	687	492	489	278	219
	Total	7,547	8,955	3,247	3,867	3,965	3,579	9,552	11,201	2,137	2,751	43,308	44,940

Table KN 9
Summary of agricultural land use in the district of Machang (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	6,738	5.1	6,585	5.0	+ 153
2M	Market gardening	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	6,980	5.3	–	–	–
3Gm	Mature rubber	24,429	18.6	–	–	–
3Gs	Senile rubber	6,304	4.8	–	–	–
	Sub-total	37,713	28.9	33,081	25.3	+ 4,632
30y	Young oil palm	4	–	–	–	–
30m	Mature oil palm	187	0.1	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	191	0.1	–	–	+ 191
3Cy	Young coconut	17	–	–	–	–
3Cm	Mature coconut	257	0.1	–	–	–
3Cs	Senile coconut	5	–	–	–	–
	Sub-total	279	0.1	202	0.1	+ 77
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	98	–	4	–	+ 94
3F	Fibre crops	–	–	–	–	–
3S	Sago	72	–	160	0.1	– 88
3B	Banana	–	–	–	–	–
3H	Fish ponds	9	–	17	–	– 8
3R	Arecanut	–	–	–	–	–
4P	Padi	15,668	11.9	14,824	11.3	+ 844
4C	Diversified crops	499	0.3	496	0.4	+ 3
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	61,267	46.7+	55,369	42.4*	+ 5,898

+ Based on the district total of 131,023

* Based on the district total of 130,662 acres

Table KN 9.1
Summary of non-agricultural land use in the mukims of the district of Machang (Kelantan)

Code	Land Use Category	LABOK		PANYIT		PULAI CHON DONG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	948	910	1,179	1,361	1,059	827
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,711	–	662	–	974	–
3Gm	Mature rubber	7,306	–	1,874	–	2,812	–
3Gs	Senile rubber	2,153	–	588	–	977	–
	Sub-total	11,170	10,045	3,124	2,392	4,763	5,221
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	2	–
3Cm	Mature coconut	186	–	8	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	186	135	8	–	2	37
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	11	–	12	–	3	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	6	20	10	36	8	39
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	9	–	–	13	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	2,899	2,630	2,959	2,789	2,475	2,570
4C	Diversified crops	51	45	23	11	88	39
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	15,280	13,785	7,315	6,602	8,398	8,733

Table KN 9.1 cont'd

Code	Land Use Category	TAMANGAN		TANAH MERAH (LIMAU HANTU)		ULU SAT	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	692	616	1,106	1,189	1,754	1,682
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	877	–	987	–	1,769	–
3Gm	Mature rubber	4,138	–	3,139	–	5,160	–
3Gs	Senile rubber	1,238	–	531	–	817	–
	Sub-total	6,253	4,990	4,657	4,336	7,746	6,097
30y	Young oil palm	4	–	–	–	–	–
30m	Mature oil palm	156	–	27	–	4	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	160	–	27	–	4	–
3Cy	Young coconut	–	–	12	–	3	–
3Cm	Mature coconut	3	–	34	–	26	–
3Cs	Senile coconut	–	–	5	–	–	–
	Sub-total	3	19	51	8	29	3
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–
3F	Fibre crops	2	–	65	4	5	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	30	57	18	8
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	4
4P	Padi	505	314	3,275	2,959	3,555	3,562
4C	Diversified crops	177	188	148	180	12	33
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	7,792	6,127	9,359	8,733	13,123	11,389

Table KN 10
Summary of non-agricultural land use in the district of Pasir Mas (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	640	0.4	582	0.4	+ 58
1E	Estate buildings and associated areas	1	–	–	–	+ 1
1T	Tin mining areas	8	–	–	–	+ 8
1X	Other mining and quarrying areas	78	–	–	–	+ 78
1P	Power line right of way	–	–	–	–	–
6	Grasslands	5,677	3.7	6,904	4.3	– 1,227
7F	Forest	10,219	6.4	17,731	11.2	– 7,512
7S	Scrub forest	16,587	10.4	16,892	10.6	– 305
7C	Newly cleared land	6,325	4.0	473	0.3	+ 5,848
8	Swamps	22,554	14.1	22,469	14.2	+ 85
9	Unused land	175	0.1	181	0.1	– 6
UN	Unclassified	5,245	3.2	2,780	1.7	+ 2,465
	Total	67,509	42.4+	68,012	42.9*	– 503

+ Based on the district total of 159,425 acres

* Based on the district total of 158,635 acres

Table KN 10.1
Summary of non-agricultural land use in the mukims of the district of Pasir Mas (Kelantan)

Code	Land Use Category	ALOR PASIR		BUNUT SUSU		CHETOK		GUAL PERIOK	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	5	23	28	42	12	35	30
1E	Estate buildings and associated areas	–	–	–	–	1	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	50	–	–	–	20	–	8	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	86	517	114	81	424	438	1,556	1,968
7F	Forest	12	54	10	7	182	–	669	711
7S	Scrub forest	86	90	47	16	326	562	4,176	5,597
7C	Newly cleared land	52	–	5	–	17	15	892	195
8	Swamps	1,999	1,308	731	1,180	665	205	8,969	8,575
9	Unused land	–	–	–	–	41	31	–	–
UN	Unclassified	178	91	239	19	770	563	237	236
	Total	2,463	2,065	1,169	1,331	2,488	1,826	16,542	17,312

Table KN 10.1 cont'd

Code	Land Use Category	KANGKONG		KUALA LEMAL		KUBANG GADONG		KUBANG SEPAT		PASIR MAS		RANTAU PANJANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	63	17	44	37	59	76	23	45	239	251	112	81
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining	–	–	–	–	–	–	–	–	–	–	8	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,249	1,612	162	121	326	333	46	27	12	–	1,702	1,807
7F	Forest	763	433	132	68	147	97	–	–	–	–	8,304	16,361
7S	Scrub forest	5,728	6,383	160	233	173	86	10	–	3	4	5,878	3,921
7C	Newly cleared land	686	112	33	–	83	–	–	–	–	–	4,557	151
8	Swamps	2,176	3,564	1,159	804	2,448	2,286	229	17	156	11	4,022	4,519
9	Unused land	4	–	–	–	–	–	108	40	–	6	22	104
UN	Unclassified	1,749	610	248	219	497	253	410	403	274	92	643	294
	Total	12,418	12,731	1,938	1,482	3,733	3,131	826	532	684	364	25,248	27,238

Table KN 11
Summary of agricultural land use in the district of Pasir Mas (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	13,935	8.7	13,909	8.8	+ 26
2M	Market gardening	24	–	–	–	+ 24
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	9,023	5.6	–	–	–
3Gm	Mature rubber	15,790	9.9	–	–	–
3Gs	Senile rubber	12,325	7.7	–	–	–
	Sub-total	37,138	23.2	33,285	21.0	+ 3,853
30y	Young oil palm	14	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	14	–	–	–	+ 14
3Cy	Young coconut	14	–	–	–	–
3Cm	Mature coconut	60	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	74	–	148	0.1	– 74
3N	Pineapple	261	0.1	–	–	+ 261
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	256	0.1	106	0.1	+ 150
3F	Fibre crops	–	–	–	–	–
3S	Sago	165	0.1	408	0.2	– 243
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	8	–	– 8
3R	Arecanut	–	–	–	–	–
4P	Padi	39,216	24.5	42,215	26.6	– 2,999
4C	Diversified crops	833	0.5	544	0.3	+ 289
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	91,916	57.6+	90,623	57.1*	+ 1,293

+ Based on the district total of 159,425 acres

* Based on the district total of 158,635 acres

Table KN 11.1
Summary of agricultural land use in the mukims of the district of Pasir Mas (Kelantan)

Code	Land Use Category	ALOR PASIR		BUNUT SUSU	
		1974	1966	1974	1966
2H	Mixed horticulture	939	763	1,960	2,542
2M	Market gardening	24	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	183	–	88	–
3Gm	Mature rubber	767	–	394	–
3Gs	Senile rubber	207	–	526	–
	Sub-total	1,157	1,592	1,008	675
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	1	–
3Cm	Mature coconut	–	–	2	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	–	18	3	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	13	–	37	–
3F	Fibre crops	–	–	–	–
3S	Sago	34	79	5	43
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	4,505	4,626	5,134	4,749
4C	Diversified crops	40	21	51	23
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	6,712	7,099	8,198	8,032

Table KN 11.1 cont'd

Code	Land Use Category	CHETOK		GUAL PERIOK		KANGKONG		KUALA LEMAL	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,110	978	1,045	726	1,932	1,612	999	1,101
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,008	–	2,821	–	1,587	–	468	–
3Gm	Mature rubber	2,124	–	2,543	–	3,720	–	731	–
3Gs	Senile rubber	1,461	–	2,727	–	2,430	–	657	–
	Sub-total	4,593	4,622	8,091	7,359	7,737	7,361	1,856	1,678
30y	Young oil palm	–	–	–	–	14	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	14	–	–	–
3Cy	Young coconut	–	–	4	–	2	–	–	–
3Cm	Mature coconut	12	–	–	–	4	–	2	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	12	47	4	9	6	29	2	–
3N	Pineapple	–	–	146	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	33	18	20	11	2	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	72	34	24	–	28	–	29
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	3	–	–	–	–	–	5
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,399	4,076	3,178	3,476	5,220	5,638	2,854	3,359
4C	Diversified crops	149	96	65	13	141	21	55	6
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	9,263	9,894	12,596	11,625	15,070	14,700	5,768	6,178

Table KN 11.1 cont'd

Code	Land Use Category	KUBANG GADONG		KUBANG SEPAT		PASIR MAS		RANTAU PANJANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	2,162	1,967	1,594	1,694	786	816	1,408	1,710
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	150	–	23	–	36	–	2,659	–
3Gm	Mature rubber	862	–	137	–	140	–	4,372	–
3Gs	Senile rubber	687	–	400	–	176	–	3,054	–
	Sub-total	1,699	2,110	560	571	352	370	10,085	6,947
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	2	–	5	–
3Cm	Mature coconut	7	–	33	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	7	–	33	45	2	–	5	–
3N	Pineapple	–	–	–	–	–	–	115	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	8	–	77	–	3	3	63	74
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	49	57	–	6	22	35	21	35
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	6,221	6,601	2,219	2,422	3,042	3,306	3,444	3,962
4C	Diversified crops	52	41	247	286	13	10	20	27
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	10,198	10,776	4,730	5,024	4,220	4,540	15,161	12,755

Table KN 12
Summary of non-agricultural land use in the district of Pasir Puteh (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	639	0.6	296	0.3	+ 343
1E	Estate buildings and associated areas	19	–	6	–	+ 13
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	15	–	–	–	+ 15
1P	Power line right of way	–	–	46	–	– 46
6	Grasslands	6,115	5.8	7,392	7.1	– 1,277
7F	Forest	12,829	12.1	13,821	13.2	– 992
7S	Scrub forest	5,836	5.5	5,472	5.2	+ 364
7C	Newly cleared land	981	0.9	486	0.5	+ 495
8	Swamps	12,203	11.6	15,513	14.8	– 3,310
9	Unused land	220	0.2	276	0.3	– 56
UN	Unclassified	2,201	2.0	1,887	1.8	+ 314
	Total	41,058	39.1+	45,195	43.1*	– 4,137

+ Based on the district total of 105,179 acres

* Based on the district total of 104,904 acres

Table KN 12.1
Summary of non-agricultural land use in the mukims of the district of Pasir Puteh (Kelantan)

Code	Land Use Category	BATU SABUTIR		BUKIT ABAL	
		1974	1966	1974	1966
1U	Urban and associated areas	24	16	14	17
1E	Estate buildings and associated areas	19	6	–	–
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	46	–	–
6	Grasslands	473	504	237	281
7F	Forest	819	1,029	5,020	5,315
7S	Scrub forest	900	783	798	423
7C	Newly cleared land	175	–	137	8
8	Swamps	639	914	51	20
9	Unused land	–	–	–	–
UN	Unclassified	110	27	159	–
	Total	3,159	3,325	6,416	6,064

Table KN 12.1 cont'd

Code	Land Use Category	BUKIT AWANG		BUKIT JAWA		GONG DATOK		JERAM		LIM BONGON		SEMERAK	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	79	34	10	–	17	21	168	208	327	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	15	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	26	43	626	821	208	445	203	675	260	231	4,082	4,392
7F	Forest	–	151	1,803	1,630	840	1,003	4,311	4,664	6	8	30	21
7S	Scrub forest	25	–	901	1,038	1,277	1,281	1,593	1,162	54	68	288	717
7C	Newly cleared land	–	–	96	63	75	248	286	148	54	3	158	16
8	Swamps	138	349	592	621	65	107	112	43	239	387	10,367	13,072
9	Unused land	–	–	–	–	–	–	–	–	–	9	220	267
UN	Unclassified	69	51	583	13	58	83	96	141	78	109	1,048	1,463
	Total	258	594	4,680	4,220	2,533	3,167	6,618	6,854	859	1,023	16,535	19,948

Table KN 13
Summary of agricultural land use in the district of Pasir Puteh (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	11,441	10.8	10,826	10.3	+ 615
2M	Market gardening	–	–	27	–	– 27
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	2,645	2.5	–	–	–
3Gm	Mature rubber	7,952	7.5	–	–	–
3Gs	Senile rubber	4,100	3.8	–	–	–
	Sub-total	14,697	13.8	13,580	10.3	+ 1,117
30y	Young oil palm	10	–	–	–	–
30m	Mature oil palm	8	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	18	–	–	–	–
3Cy	Young coconut	381	0.3	–	–	–
3Cm	Mature coconut	1,499	1.4	–	–	–
3Cs	Senile coconut	528	0.5	–	–	–
	Sub-total	2,408	2.2	1,732	1.6	+ 676
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	79	–	13	–	+ 66
3F	Fibre crops	–	–	–	–	–
3S	Sago	78	–	107	0.1	– 29
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	1	–	– 1
3R	Arecanut	–	–	–	–	–
4P	Padi	34,979	33.2	33,351	31.8	+ 1,628
4C	Diversified crops	421	0.4	72	0.1	+ 349
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	64,121	60.9+	59,709	56.9*	+ 4,412

+ Based on the district total of 105,179 acres

* Based on the district total of 104,904 acres

Table KN 13.1
Summary of agricultural land use in the mukims of the district of Pasir Puteh (Kelantan)

Code	Land Use Category	BATU SABUTIR		BUKIT ABAL		BUKIT AWANG		BUKIT JAWA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,067	1,233	957	1,191	1,262	1,248	1,860	2,123
2M	Market gardening	–	–	–	–	–	–	–	22
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	421	–	419	–	90	–	693	–
3Gm	Mature rubber	1,948	–	680	–	392	–	1,710	–
3Gs	Senile rubber	558	–	814	–	113	–	1,110	–
	Sub-total	2,927	2,644	1,913	2,030	595	434	3,513	3,586
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	12	–	4	–	–	–	18	–
3Cm	Mature coconut	105	–	31	–	90	–	248	–
3Cs	Senile coconut	11	–	12	–	–	–	38	–
	Sub-total	128	101	47	35	90	183	304	185
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	6	–	8	–	–	4	28	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	4	18	10	8	–	8	3	33
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	1	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,256	3,222	3,981	4,023	4,766	4,502	8,492	8,776
4C	Diversified crops	102	23	110	3	3	–	117	8
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	7,490	7,242	7,026	7,290	6,716	6,379	14,317	14,739

Table KN 13.1 cont'd

Code	Land Use Category	GONG DATOK		JERAM		LIM BONGON		SEMERAK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,271	1,211	1,431	1,281	978	782	2,615	1,757
2M	Market gardening	–	5	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	449	–	411	–	80	–	82	–
3Gm	Mature rubber	1,180	–	1,221	–	591	–	230	–
3Gs	Senile rubber	752	–	601	–	38	–	114	–
	Sub-total	2,381	1,806	2,233	2,025	709	647	426	408
30y	Young oil palm	–	–	10	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	8	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	10	–	–	–	8	–
3Cy	Young coconut	–	–	1	–	1	–	345	–
3Cm	Mature coconut	52	–	29	–	7	–	937	–
3Cs	Senile coconut	–	–	–	–	13	–	454	–
	Sub-total	52	50	30	95	21	48	1,736	1,035
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	29	–	–	–	1	3	7	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	18	8	43	29	–	3	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,840	2,822	2,727	2,845	1,801	1,859	7,116	5,302
4C	Diversified crops	16	11	43	–	–	4	30	23
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,607	5,913	6,517	6,275	3,510	3,346	11,938	8,525

Table KN 14
Summary of non-agricultural land use in the district of Tanah Merah (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	473	0.1	789	0.2	— 316
1E	Estate buildings and associated areas	174	—	69	—	+ 105
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	26	—	—	—	+ 26
1P	Power line right of way	—	—	—	—	—
6	Grasslands	9,103	2.6	14,260	4.1	— 5,157
7F	Forest	194,167	55.5	220,360	63.2	— 26,193
7S	Scrub forest	26,911	7.7	32,614	9.3	— 5,703
7C	Newly cleared land	19,853	5.7	6,927	2.0	+ 12,926
8	Swamps	5,167	1.4	4,105	1.2	+ 1,062
9	Unused land	264	—	233	0.1	+ 31
UN	Unclassified	2,362	0.6	2,311	0.6	+ 51
	Total	258,503	74.0[+]	281,668	80.8[*]	— 23,165

[+] Based on the district total of 349,418 acres

[*] Based on the district total of 348,810 acres

Table KN 14.1
Summary of non-agricultural land use in the mukims of the district of Tanah Merah (Kelantan)

Code	Land Use Category	BATU MELINTANG (BELIMBING)		JEDOK		JELI		BUKIT PANAU (KUSIAH)		SOKOR		ULU KUSIAL	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	16	38	39	29	103	236	176	193	52	142	87	151
1E	Estate buildings and associated areas	–	–	100	–	–	–	6	10	56	36	12	23
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	26	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,171	1,066	1,215	1,893	2,941	3,196	2,336	2,773	586	1,553	857	3,779
7F	Forest	67,704	67,711	15,785	30,983	52,474	55,695	3,303	462	48,783	55,677	6,118	9,832
7S	Scrub forest	4,512	4,687	6,306	4,965	8,997	7,631	684	6,530	3,574	2,247	2,838	6,554
7C	Newly cleared land	629	621	8,601	181	4,302	3,454	1,872	196	2,260	1,441	2,189	1,034
8	Swamps	–	–	681	604	39	154	2,225	2,356	254	146	1,968	845
9	Unused land	8	11	10	19	60	75	146	83	–	–	40	45
UN	Unclassified	370	419	234	143	382	407	679	502	409	496	288	344
	Total	74,410	74,553	32,971	38,817	69,298	70,848	11,453	13,105	55,974	61,738	14,397	22,607

Table KN 15
Summary of agricultural land use in the district of Tanah Merah (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	8,124	2.3	6,976	2.0	+ 1,148
2M	Market gardening	7	–	6	–	+ 1
2E	Agricultural stations	12	–	27	–	– 15
3Gy	Young rubber	13,823	3.9	–	–	–
3Gm	Mature rubber	39,461	11.2	–	–	–
3Gs	Senile rubber	17,328	4.9	–	–	–
	Sub-total	70,612	20.0	49,671	14.2	+ 20,941
30y	Young oil palm	367	0.1	–	–	–
30m	Mature oil palm	61	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	428	0.1	4	–	+ 424
3Cy	Young coconut	13	–	–	–	–
3Cm	Mature coconut	255	–	–	–	–
3Cs	Senile coconut	49	–	–	–	–
	Sub-total	317	–	302	0.1	+ 15
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	12	–	–	–	+ 12
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	330	–	242	0.1	+ 88
3F	Fibre crops	–	–	–	–	–
3S	Sago	60	–	78	–	– 18
3B	Banana	–	–	–	–	–
3H	Fish ponds	5	–	–	–	+ 5
3R	Arecanut	–	–	–	–	–
4P	Padi	10,128	2.8	9,191	2.6	+ 937
4C	Diversified crops	794	0.2	568	0.2	+ 226
4X	Shifting cultivation	86	–	77	–	+ 9
5	Improved permanent pasture	–	–	–	–	–
	Total	90,915	26.0+	67,142	19.2*	+ 23,773

+ Based on the district total of 349,418 acres

* Based on the district total of 348,810 acres

Table KN 15.1
Summary of agricultural land use in the mukims of the district of Tanah Merah (Kelantan)

Code	Land Use Category	BATU MELINTANG (BELIMBING)		JEDOK	
		1974	1966	1974	1966
2H	Mixed horticulture	364	404	1,845	1,960
2M	Market gardening	7	6	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	2,488	–
3Gm	Mature rubber	1,146	–	6,651	–
3Gs	Senile rubber	23	–	2,186	–
	Sub-total	1,169	1,065	11,325	5,872
30y	Young oil palm	–	–	360	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	360	–
3Cy	Young coconut	–	–	3	–
3Cm	Mature coconut	17	–	27	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	17	23	30	38
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	102	89
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	14	10
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	458	381	2,608	2,274
4C	Diversified crops	9	6	89	28
4X	Shifting cultivation	39	35	–	–
5	Improved permanent pasture	–	–	–	–
	Total	2,063	1,920	16,373	10,271

Table KN 15.1 cont'd

Code	Land Use Category	JELI		BUKIT PANAU (KUSIAH)		SOKOR		ULU KUSIAL	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	553	447	2,435	2,227	566	114	2,361	1,824
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	12	27
3Gy	Young rubber	616	–	3,460	–	3,537	–	3,722	–
3Gm	Mature rubber	4,287	–	9,249	–	5,640	–	12,488	–
3Gs	Senile rubber	198	–	6,707	–	2,064	–	6,150	–
	Sub-total	5,101	3,890	19,416	17,911	11,241	6,161	22,360	14,772
30y	Young oil palm	–	–	–	–	–	–	7	–
30m	Mature oil palm	–	–	–	–	–	–	61	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	68	4
3Cy	Young coconut	–	–	1	–	–	–	9	–
3Cm	Mature coconut	15	–	143	–	6	–	47	–
3Cs	Senile coconut	–	–	49	–	–	–	–	–
	Sub-total	15	–	193	193	6	–	56	48
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	12	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	182	118	25	23	–	–	21	12
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	15	42	–	–	31	26
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	5	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	398	240	3,136	2,803	107	98	3,421	3,395
4C	Diversified crops	35	13	201	288	284	67	176	166
4X	Shifting cultivation	47	42	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,348	4,750	25,421	23,487	12,204	6,440	28,506	20,274

Table KN 16
Summary of non-agricultural land use in the district of Tumpat (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	395	0.8	688	1.5	– 293
1E	Estate buildings and associated areas	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–
6	Grasslands	607	1.4	490	1.1	+ 117
7F	Forest	–	–	–	–	–
7S	Scrub forest	67	0.1	28	0.1	+ 39
7C	Newly cleared land	120	0.3	–	–	+ 120
8	Swamps	4,489	10.0	2,724	6.1	+ 1,765
9	Unused land	680	1.5	2,398	5.3	– 1,718
UN	Unclassified	2,391	5.3	2,111	4.7	+ 280
	Total	8,749	19.5+	8,439	18.8*	+ 310

+ Based on the district total of 44,793 acres

* Based on the district total of 44,793 acres

Table KN 16.1
Summary of non-agricultural land use in the mukims of the district of Tumpat (Kelantan)

Code	Land Use Category	JAL BESAR		KEBAKAT		PENGKALAN KUBOR	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	13	42	65	18	99
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	11	42	65	133	90	85
7F	Forest	–	–	–	–	–	–
7S	Scrub forest	4	5	7	–	7	6
7C	Newly cleared land	–	–	9	–	–	–
8	Swamps	1,265	1,119	98	41	660	385
9	Unused land	–	–	22	–	53	309
UN	Unclassified	110	4	181	146	532	415
	Total	1,390	1,183	424	385	1,360	1,299

Table KN 16.1 cont'd

Code	Land Use Category	SUNGAI PINANG		TERBOK		TUMPAT		WAKAF BARU	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	69	121	33	39	194	219	39	132
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	320	94	48	23	24	57	49	56
7F	Forest	–	–	–	–	–	–	–	–
7S	Scrub forest	42	13	2	–	–	–	5	4
7C	Newly cleared land	77	–	15	–	19	–	–	–
8	Swamps	793	234	129	238	1,415	707	129	–
9	Unused land	279	946	–	–	311	1,143	15	–
UN	Unclassified	911	960	44	34	318	280	295	272
	Total	2,491	2,368	271	334	2,281	2,406	532	464

Table KN 17
Summary of agricultural land use in the district of Tumpat (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	10,999	24.6	10,905	24.3	+ 94
2M	Market gardening	6	–	6	–	–
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	61	0.1	–	–	–
3Gm	Mature rubber	406	0.9	–	–	–
3Gs	Senile rubber	639	1.4	–	–	–
	Sub-total	1,106	2.4	1,007	2.2	+ 99
30y	Young oil palm	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	–	–	–	–	–
3Cy	Young coconut	438	0.9	–	–	–
3Cm	Mature coconut	1,991	4.4	–	–	–
3Cs	Senile coconut	314	0.7	–	–	–
	Sub-total	2,743	6.0	2,836	6.3	– 93
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	198	0.4	10	–	+ 188
3F	Fibre crops	–	–	–	–	–
3S	Sago	17	–	84	0.2	– 67
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	20,323	45.4	21,433	47.8	– 1,110
4C	Diversified crops	619	1.4	73	0.2	+ 546
4X	Shifting cultivation	33	0.1	–	–	+ 33
5	Improved permanent pasture	–	–	–	–	–
	Total	36,044	80.5+	36,354	81.2*	– 310

+ Based on the district total of 44,793 acres

* Based on the district total of 44,793 acres

Table KN 17.1
Summary of agricultural land use in the mukims of the district of Tumpat (Kelantan)

Code	Land Use Category	JAL BESAR		KEBAKAT		PENGKALAN KUBOR	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,683	1,643	1,255	1,099	1,199	1,493
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	9	–	–	–	12	–
3Gm	Mature rubber	50	–	10	–	65	–
3Gs	Senile rubber	35	–	39	–	53	–
	Sub-total	94	176	49	48	130	142
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	20	–
3Cm	Mature coconut	–	–	62	–	340	–
3Cs	Senile coconut	–	–	16	–	30	–
	Sub-total	–	–	78	205	390	90
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	–	–	–	–	3	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	6	23	3	44	1	4
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	4,969	5,232	1,790	1,992	3,095	3,179
4C	Diversified crops	130	15	190	16	34	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	6,882	7,089	3,365	3,404	4,852	4,908

Code	Land Use Category	SUNGAI PINANG		TERBOK		TUMPAT		WAKAF BARU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,182	940	2,343	2,268	683	678	2,654	2,784
2M	Market gardening	–	–	–	6	–	–	6	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	9	–	–	–	31	–
3Gm	Mature rubber	11	–	36	–	3	–	231	–
3Gs	Senile rubber	93	–	13	–	–	–	406	–
	Sub-total	104	21	58	83	3	–	668	537
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	392	–	2	–	24	–	–	–
3Cm	Mature coconut	1,231	–	8	–	338	–	12	–
3Cs	Senile coconut	251	–	–	–	17	–	–	–
	Sub-total	1,874	2,092	10	52	379	286	12	111
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	55	5	–	–	137	5
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	10	13
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,631	2,078	3,848	3,857	2,757	2,733	2,233	2,362
4C	Diversified crops	220	8	20	–	–	–	58	34
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,011	5,139	6,334	6,271	3,822	3,697	5,778	5,846

Table KN 18
Summary of non-agricultural land use in the district of Ulu Kelantan (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,078	—	939	—	+ 139
1E	Estate buildings and associated areas	385	—	413	—	— 28
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	—	—	—	—	—
1P	Power line right of way	127	—	152	—	— 25
6	Grasslands	9,868	0.4	22,359	0.8	— 12,491
7F	Forest	2,458,440	89.1	2,510,798	91.1	— 52,358
7S	Scrub forest	79,002	2.9	94,820	3.4	— 15,818
7C	Newly cleared land	25,197	0.9	17,109	0.6	+ 8,088
8	Swamps	1,356	—	602	—	+ 754
9	Unused land	1,946	0.1	11,260	0.4	— 9,314
UN	Unclassified	15,284	0.5	14,716	0.5	+ 568
	Total	2,592,683	94.0+	2,673,168	97.0*	— 80,485

+ Based on the district total of 2,758,350 acres

* Based on the district total of 2,755,626 acres

Table KN 18.1
Summary of non-agricultural land use in the mukims of the district of Ulu Kelantan (Kelantan)

Code	Land Use Category	BATU MENGKEBANG		GALAS		KUALA BALAH	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	602	392	181	130	23	69
1E	Estate buildings and associated areas	239	339	37	3	2	7
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	127	152	–	–	–	–
6	Grasslands	4,627	8,812	869	1,402	1,560	2,398
7F	Forest	113,775	138,635	190,992	210,625	152,803	146,253
7S	Scrub forest	15,582	14,198	6,260	3,236	7,729	7,742
7C	Newly cleared land	8,064	4,561	9,177	1,701	1,798	1,548
8	Swamps	687	377	69	–	63	98
9	Unused land	70	64	28	3,507	145	39
UN	Unclassified	3,332	2,945	509	623	1,336	1,391
	Total	147,105	170,475	208,122	221,227	165,459	159,545

Table KN 18.1 cont'd

Code	Land Use Category	OLAK JERAM		STONG KANDEK		ULU LEBIR		NENGGIRI	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	117	107	115	122	–	–	40	119
1E	Estate buildings and associated areas	30	18	77	46	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	1,145	4,290	562	3,371	44	71	1,061	2,015
7F	Forest	97,866	115,795	176,384	189,527	746,120	747,145	980,500	965,007
7S	Scrub forest	6,622	7,954	4,615	8,112	4,210	3,423	33,984	50,155
7C	Newly cleared land	3,159	6,468	1,554	1,793	92	123	1,353	915
8	Swamps	198	78	137	12	37	37	165	–
9	Unused land	10	12	9	264	–	–	1,684	7,374
UN	Unclassified	753	693	1,972	1,969	2,032	1,964	5,350	5,131
	Total	109,900	135,415	185,425	205,216	752,535	752,763	1,024,137	1,030,716

Table KN 19
Summary of agricultural land use in the district of Ulu Kelantan (Kelantan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	8,051	0.3	4,303	0.2	+ 3,748
2M	Market gardening	13	–	28	–	– 15
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	21,398	0.8	–	–	–
3Gm	Mature rubber	100,677	3.6	–	–	–
3Gs	Senile rubber	15,547	0.6	–	–	–
	Sub-total	137,622	5.0	70,083	2.5	+ 67,539
30y	Young oil palm	4,221	0.1	–	–	–
30m	Mature oil palm	8,041	0.3	–	–	–
30s	Senile oil palm	75	–	–	–	–
	Sub-total	12,337	0.4	1,215	–	+ 11,122
3Cy	Young coconut	41	–	–	–	–
3Cm	Mature coconut	168	–	–	–	–
3Cs	Senile coconut	12	–	–	–	–
	Sub-total	221	–	44	–	+ 177
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	70	–	65	–	+ 5
3F	Fibre crops	–	–	–	–	–
3S	Sago	43	–	11	–	+ 32
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	3,174	0.7	2,639	0.1	+ 535
4C	Diversified crops	1,394	0.1	578	–	+ 816
4X	Shifting cultivation	2,742	0.1	3,492	0.1	– 750
5	Improved permanent pasture	–	–	–	–	–
	Total	165,667	6.0+	82,458	3.0*	+ 83,209

+ Based on the district total of 2,758,350 acres

* Based on the district total of 2,755,626 acres

Table KN 19.1
Summary of agricultural land use in the mukims of the district of Ulu Kelantan (Kelantan)

Code	Land Use Category	BATU MENGKEBANG		GALAS		KUALA BALAH	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	3,977	1,836	931	322	568	545
2M	Market gardening	9	28	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	7,369	–	7,074	–	791	–
3Gm	Mature rubber	33,282	–	8,110	–	6,425	–
3Gs	Senile rubber	9,479	–	753	–	508	–
	Sub-total	50,130	31,628	15,937	7,742	7,724	5,019
30y	Young oil palm	1,727	–	854	–	–	–
30m	Mature oil palm	712	–	3,478	–	–	–
30s	Senile oil palm	–	–	75	–	–	–
	Sub-total	2,439	130	4,407	624	–	–
3Cy	Young coconut	41	–	–	–	–	–
3Cm	Mature coconut	131	–	5	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	172	31	5	–	–	13
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	24	17	10	–	6	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	42	11	–	–	1	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	1,415	1,117	701	411	896	988
4C	Diversified crops	560	304	253	–	419	256
4X	Shifting cultivation	3	–	26	23	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	58,771	35,102	22,270	9,122	9,614	6,821

Table KN 19.1 cont'd

Code	Land Use Category	OLAK JERAM		STONG KANDEK		ULU LEBIR		NENGGIRI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,762	1,047	359	206	4	11	450	336
2M	Market gardening	3	–	–	–	–	–	1	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	4,696	–	670	–	20	–	778	–
3Gm	Mature rubber	30,031	–	12,886	–	243	–	9,700	–
3Gs	Senile rubber	3,387	–	921	–	–	–	499	–
	Sub-total	38,114	15,213	14,477	6,618	263	39	10,977	3,824
30y	Young oil palm	49	–	1,591	–	–	–	–	–
30m	Mature oil palm	2,104	–	1,747	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	2,153	234	3,338	227	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	32	–	–	–	–	–	–	–
3Cs	Senile coconut	12	–	–	–	–	–	–	–
	Sub-total	44	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	24	48	3	–	–	–	3	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	76	92	83	31	–	–	3	–
4C	Diversified crops	56	–	–	14	–	–	106	4
4X	Shifting cultivation	–	–	–	6	158	147	2,555	3,316
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	42,232	16,634	18,260	7,102	425	197	14,095	7,480

THE PRESENT LAND USE OF MELAKA

The General Pattern

The emphasis on commercial agriculture, in particular, the cultivation of rubber on a plantation basis is clearly evident. Preference for rubber cultivation has been given to the better drained soils of the undulating to hilly land above the coastal plain. Extensive acreages have also been cultivated on lateritic soils which occupy a substantial area of the hinterland. Choice of soils for the cultivation of oil palm follows that for rubber with greater preference for the non-lateritic soils. Along the coast and narrow inland riverine valleys padi is the major crop. The greatest concentration is, however, in the Central District around Melaka Town. Coconuts are less extensive, being confined mainly to coastal and mixed horticulture areas.

The presence of a significant smallholder population based on padi, rubber and coconut cultivation is indicated by the numerous units of mixed horticulture which are sited on higher ground within or on the peripheries of padi areas or are closely associated with rubber and coconut holdings.

The land use area is 1,205 acres (488 ha) larger than the physical area because of the adoption of the crop equivalent factor which is described under the section on the Methodology of Survey. Generally the intermixture is between rubber, coconut and orchards, on the one hand, and scrub grasslands, on the other.

Post — 1966 Developments

There is an increase of 325 acres (132 ha) in the overall physical area of the State (Table MA 1). This increase is the result of an expansion of mangrove swamps along the coast. Overall the land use area has also increased since 1966 (Donaldson, 1968) there being 1,530 acres (620 ha) more in 1974.

Total cultivated land has increased by 6,637 acres (2,688 ha). This figure, however, does not take into account the total area earmarked for agricultural development. To obtain a more realistic assessment of the total land devoted to agricultural use the areas of newly cleared land would have to be included. Such inclusion brings the total agricultural land use in the State to 325,771 acres (131,937 ha). Compared to the 1966 total of 314,438 acres (127,347 ha), there is a net increase of 11,333 acres (4,590 ha) in 1974.

Further comparisons by land use category at the State, district and mukim levels are indicated in Tables MA 2 to MA 9.

Table MA 1
The land use summary of the State of Melaka

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	407,806	407,481	+ 325
Total land use area	409,011*	407,481	+ 1,530
Cultivated area	318,581	311,944	+ 6,637
Newly cleared land	7,190	2,292	+ 4,898
Total agricultural land	325,771	314,438	+ 11,333

* The land use acreage in 1974 is 1,205 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations.

Table MA 2
Summary of non-agricultural land use in the State of Melaka

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres	
		Total acres	% of State	Total acres	% of State		
1U	Urban and associated areas	7,841	1.9	6,946	1.7	+	923
1E	Estate buildings and associated areas	1,280	0.3	1,135	0.3	+	145
1T	Tin mining areas	851	0.2	425	0.1	+	426
1X	Other mining and quarrying areas	179	–	358	0.1	–	179
1P	Power line right of way	433	0.1	540	0.1	–	107
6	Grasslands	7,623	1.9	8,026	2.0	–	419
7F	Forest	31,782	7.8	48,044	11.8	–	16,254
7S	Scrub forest	8,428	2.1	8,405	2.1	+	24
7C	Newly cleared land	7,190	1.8	2,656	0.7	+	4,543
8	Swamps	22,358	5.5	14,957	3.7	+	7,440
9	Unused land	112	–	203	0.1	–	91
UN	Unclassified	2,353	0.6	3,838	0.9	–	1,485
	Total	90,430	22.1+	95,533	23.4*	–	5,103

+ Based on the State total of 409,011 acres

* Based on the State total of 407,300 acres

Table MA 3
Summary of agricultural land use in the State of Melaka

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	23,149	5.7	16,765	4.1	+ 6,384
2M	Market gardening	1,171	0.3	1,488	0.4	– 317
2E	Agricultural stations	95	–	128	–	+ 33
3Gy	Young rubber	23,369	5.7	–	–	–
3Gm	Mature rubber	197,855	48.4	–	–	–
3Gs	Senile rubber	19,590	4.8	–	–	–
	Sub-total	240,814	58.9	246,754	60.6	– 5,940
30y	Young oil palm	3,978	1.0	–	–	–
30m	Mature oil palm	6,017	1.5	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	9,995	2.5	827	0.2	+ 9,168
3Cy	Young coconut	703	0.2	–	–	–
3Cm	Mature coconut	6,694	1.6	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	7,397	1.8	11,449	2.8	– 4,052
3N	Pineapple	46	–	–	–	+ 46
3T	Tea	–	–	–	–	–
3K	Coffee	12	–	–	–	+ 12
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	1,762	0.3	768	0.2	+ 994
3F	Fibre crops	–	–	–	–	–
3S	Sago	1,051	0.3	1,004	0.3	+ 47
3B	Banana	–	–	28	–	– 28
3H	Fish ponds	192	–	186	–	+ 6
3R	Arecanut	–	–	–	–	–
4P	Padi	30,235	7.4	31,859	7.8	– 1,624
4C	Diversified crops	2,571	0.6	511	0.1	+ 2,060
4X	Shifting cultivation	91	–	–	–	+ 91
5	Improved permanent pasture	–	–	–	–	–
	Total	318,581	77.9+	311,767	76.5*	+ 6,814

+ Based on the State total of 409,011 acres

* Based on the State total of 407,300 acres

Table MA 4
Summary of non-agricultural land use in the district of Selatan (Melaka)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	806	0.5	765	0.5	+ 41
1E	Estate buildings and associated areas	696	0.4	558	0.3	+ 138
1T	Tin mining areas	839	0.5	271	0.2	+ 568
1X	Other mining and quarrying areas	22	–	182	0.1	– 160
1P	Power line right of way	107	0.1	216	0.1	– 109
6	Grasslands	2,951	1.7	4,061	2.4	– 1,110
7F	Forest	21,239	12.5	31,074	18.4	– 9,835
7S	Scrub forest	4,102	2.4	4,003	2.4	+ 99
7C	Newly cleared land	4,641	2.7	1,205	0.7	+ 3,436
8	Swamps	9,205	5.4	5,109	3.0	+ 4,096
9	Unused land	–	–	9	–	– 9
UN	Unclassified	923	0.5	3,031	1.8	– 2,108
	Total	45,531	26.8+	50,484	29.8*	– 4,953

+ Based on the district total of 169,664 acres

* Based on the district total of 169,264 acres

Table MA 4.1
Summary of non-agricultural land use in the mukims of the district of Selatan (Melaka)

Code	Land Use Category	AYER PANAS		BATANG MELAKA	
		1974	1966	1974	1966
1U	Urban and associated areas	64	34	69	73
1E	Estate buildings and associated areas	21	41	4	–
1T	Tin mining areas	395	180	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	349	312	166	233
7F	Forest	3,008	3,262	3,516	3,742
7S	Scrub forest	497	267	33	47
7C	Newly cleared land	6	20	–	229
8	Swamps	568	535	23	–
9	Unused land	–	–	–	–
UN	Unclassified	56	–	–	–
	Total	4,964	4,651	3,811	4,324

Table MA 4.1 cont'd

Code	Land Use Category	BUKIT SENGGEH		CHABAU		CHIN-CHIN		CHOCONG		JASIN		JUS	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	10	6	97	77	15	–	–	–	179	147	–	–
1E	Estate buildings and associated areas	6	28	98	28	50	39	7	6	129	167	1	–
1T	Tin mining areas	–	–	–	–	273	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	8	–	–	–	13	180	–	–	–	–	1	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	85	213	88	787	38	53	5	63	168	132	29	67
7F	Forest	412	437	329	501	9	317	24	216	72	224	22	74
7S	Scrub forest	287	190	183	308	180	114	12	34	218	182	33	47
7C	Newly cleared land	28	–	1,047	157	15	–	–	29	444	42	1	–
8	Swamps	59	–	614	–	921	737	483	172	172	362	19	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	29	–	76	22	7	–	4	–	–	–
	Total	895	874	2,485	1,858	1,590	1,462	538	520	1,386	1,256	106	188

Table MA 4.1 cont'd

Code	Land Use Category	KESANG		MERLIMAU		NYALAS		RIM		SEBATU		SELANDAR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	46	175	86	62	52	34	39	32	5	11	47	34
1E	Estate buildings and associated areas	23	35	87	102	124	18	118	74	–	–	3	2
1T	Tin mining areas	171	91	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	2	–	–
1P	Power line right of way	–	–	30	46	–	–	–	–	35	51	–	–
6	Grasslands	293	278	220	310	410	551	174	106	24	106	117	245
7F	Forest	86	135	143	299	4,364	9,963	30	412	2	77	7,610	8,109
7S	Scrub forest	286	742	250	157	800	478	178	131	80	139	447	381
7C	Newly cleared land	533	182	28	88	152	237	178	110	6	75	91	16
8	Swamps	165	–	1,205	1,066	313	–	97	–	752	704	75	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	75	18	132	23	–	–	40	22	102	78	–	–
	Total	1,678	1,656	2,181	2,153	6,215	11,281	854	887	1,006	1,243	8,390	8,787

Table MA 4.1 cont'd

Code	Land Use Category	SIMPANG		SEMUNJOK		SERKAM		SUNGEI RAMBAI		TEDONG		UMBAI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	2	–	–	–	28	2	34	65	2	–	31	13
1E	Estate buildings and associated areas	–	–	4	–	21	18	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	11	42	108	–	–	–	–
6	Grasslands	17	64	139	110	149	79	337	213	10	11	133	128
7F	Forest	16	38	1,328	2,821	186	126	82	317	–	4	–	–
7S	Scrub forest	75	4	153	95	112	373	259	216	–	–	19	98
7C	Newly cleared land	78	–	1,777	20	252	–	5	–	–	–	–	–
8	Swamps	9	58	2,431	303	325	364	755	626	68	84	151	98
9	Unused land	–	–	–	–	–	–	–	4	–	–	–	5
UN	Unclassified	–	–	133	2,737	17	–	226	123	–	–	26	8
	Total	197	164	5,965	6,086	1,090	973	1,740	1,672	80	99	360	350

Table MA 5
Summary of agricultural land use in the district of Selatan (Melaka)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,176	3.6	4,953	2.9	+ 1,223
2M	Market gardening	65	–	151	0.1	– 86
2E	Agricultural stations	–	–	6	–	– 6
3Gy	Young rubber	10,419	6.1	–	–	–
3Gm	Mature rubber	80,059	47.2	–	–	–
3Gs	Senile rubber	9,660	5.7	–	–	–
	Sub-total	100,138	59.0	100,385	59.3	– 247
30y	Young oil palm	2,505	1.5	–	–	–
30m	Mature oil palm	2,901	1.7	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	5,406	3.2	587	0.4	+ 4,819
3Cy	Young coconut	234	0.1	–	–	–
3Cm	Mature coconut	4,218	2.5	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	4,452	2.6	5,242	3.1	– 790
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	8	–	–	–	+ 8
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchard	743	0.4	443	0.3	+ 300
3F	Fibre crops	–	–	–	–	–
3S	Sago	412	0.2	242	0.1	+ 170
3B	Banana	–	–	–	–	–
3H	Fish ponds	26	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	5,874	3.5	6,505	3.8	– 631
4C	Diversified crops	742	0.4	266	0.2	+ 476
4X	Shifting cultivation	91	–	–	–	+ 91
5	Improved permanent pasture	–	–	–	–	–
	Total	124,133	73.2+	118,780	70.2*	+ 5,353

+ Based on the district total of 169,664 acres

* Based on the district total of 169,264 acres

Table MA 5.1
Summary of agricultural land use in the mukims of the district of Selatan (Melaka)

Code	Land Use Category	AYER PANAS		BATANG MELAKA		BUKIT SENGGEH		CHABAU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	269	372	135	92	254	218	372	330
2M	Market gardening	–	–	15	17	–	–	–	49
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	121	–	321	–	395	–	858	–
3Gm	Mature rubber	9,668	–	5,028	–	2,890	–	4,264	–
3Gs	Senile rubber	1,415	–	4	–	64	–	275	–
	Sub-total	11,204	11,722	5,353	4,877	3,349	3,407	5,397	7,528
30y	Young oil palm	34	–	–	–	86	–	1,289	–
30m	Mature oil palm	216	–	–	–	–	–	85	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	250	–	–	–	86	–	1,374	–
3Cy	Young coconut	–	–	2	–	7	–	–	–
3Cm	Mature coconut	22	–	2	–	4	–	7	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	22	12	4	–	11	–	7	5
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	60	–	–	–	5	–	57	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	29	–	6	–	2	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	301	398	211	214	284	380	396	343
4C	Diversified crops	123	34	9	8	4	8	31	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	12,258	12,538	5,733	5,208	3,995	4,013	7,634	8,261

Table MA 5.1 cont'd

Code	Land Use Category	CHIN-CHIN		CHOCONG		JASIN		JUS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	327	357	140	136	503	496	50	52
2M	Market gardening	–	25	–	7	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	34	–	74	–	244	–	108	–
3Gm	Mature rubber	5,404	–	758	–	8,263	–	2,015	–
3Gs	Senile rubber	437	–	124	–	2,684	–	23	–
	Sub-total	5,875	5,830	956	957	11,191	11,249	2,146	2,066
30y	Young oil palm	–	–	–	–	31	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	31	–	–	–
3Cy	Young coconut	–	–	11	–	17	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	7	11	–	17	4	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	1	–	–	3	26	41	–	4
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	99	82	29	–	50	42	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	423	545	230	285	449	566	83	75
4C	Diversified crops	–	–	15	11	20	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,725	6,846	1,381	1,399	12,287	12,398	2,279	2,197

Table MA 5.1 cont'd

Code	Land Use Category	KESANG		MERLIMAU		NYALAS		RIM	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	438	317	646	393	529	592	81	148
2M	Market gardening	–	5	48	17	–	–	–	10
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	572	–	223	–	5,290	–	817	–
3Gm	Mature rubber	5,995	–	7,657	–	6,761	–	4,820	–
3Gs	Senile rubber	866	–	1,745	–	203	–	842	–
	Sub-total	7,433	8,557	9,625	9,494	12,254	7,574	6,478	7,717
30y	Young oil palm	350	–	–	–	463	–	78	–
30m	Mature oil palm	569	–	–	–	2	–	1,997	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	919	–	–	–	465	–	2,075	587
3Cy	Young coconut	1	–	39	–	24	–	–	–
3Cm	Mature coconut	–	–	921	–	102	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	1	75	960	1,341	126	120	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	242	4	10	62	38	4	17	9
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	8	11	54	–	3	5	12	20
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	26	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	439	498	443	497	476	476	239	266
4C	Diversified crops	37	90	50	9	4	–	12	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	9,543	9,557	11,836	11,813	13,895	8,771	8,915	8,757

Table MA 5.1 cont'd

Code	Land Use Category	SEBATU		SELANDAR		SIMPANG		SEMUNJOK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	439	102	274	307	258	261	113	92
2M	Market gardening	–	–	–	21	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	167	–	323	–	25	–	84	–
3Gm	Mature rubber	1,476	–	5,845	–	320	–	64	–
3Gs	Senile rubber	65	–	162	–	8	–	7	–
	Sub-total	1,708	1,820	6,330	5,914	353	424	155	40
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	2,256	–	–	–	1	–	12	–
3Cm	Mature coconut	–	–	13	–	70	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	2,256	2,272	13	8	71	60	16	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	6	47	22	–	17	–	1	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	15	16	3	–	3	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	4	–	279	280	162	160	63	105
4C	Diversified crops	66	–	8	2	8	–	16	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,494	4,257	6,929	6,532	872	905	364	237

Table MA 5.1 cont'd

Code	Land Use Category	SERKAM		SUNGEI RAMBAI		TEDONG		UMBAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	186	153	732	135	114	128	316	272
2M	Market gardening	–	–	2	–	–	–	–	–
2E	Agricultural stations	–	6	–	–	–	–	–	–
3Gy	Young rubber	192	–	473	–	23	–	75	–
3Gm	Mature rubber	3,560	–	3,565	–	234	–	1,472	–
3Gs	Senile rubber	443	–	146	–	–	–	147	–
	Sub-total	4,195	4,379	4,184	4,778	257	254	1,694	1,798
30y	Young oil palm	132	–	42	–	–	–	–	–
30m	Mature oil palm	–	–	32	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	132	–	74	–	–	–	–	–
3Cy	Young coconut	3	–	71	–	–	–	63	–
3Cm	Mature coconut	270	–	323	–	22	–	193	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	273	358	394	752	22	22	256	206
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	17	22	198	235	–	–	26	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	23	–	74	66	2	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	417	459	414	365	154	130	407	463
4C	Diversified crops	44	27	299	50	4	–	83	27
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,287	5,404	6,371	6,381	553	534	2,782	2,772

Table MA 6
Summary of non-agricultural land use in the district of Tengah (Melaka)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	5,455	7.4	4,591	6.3	+ 864
1E	Estate buildings and associated areas	79	0.1	121	0.2	– 42
1T	Tin mining areas	–	–	1	–	– 1
1X	Other mining and quarrying areas	69	0.1	80	0.1	– 11
1P	Power line right of way	83	0.1	87	0.1	– 5
6	Grasslands	1,531	2.1	1,195	1.6	+ 336
7F	Forest	2,909	3.9	4,579	6.3	– 1,670
7S	Scrub forest	871	1.2	939	1.3	– 68
7C	Newly cleared land	693	0.9	338	0.5	+ 355
8	Swamps	7,494	10.2	6,335	8.6	+ 1,159
9	Unused land	31	–	189	0.3	– 158
UN	Unclassified	735	1.0	297	0.4	+ 438
	Total	19,950	27.0+	18,752	25.6*	+ 1,198

+ Based on the district total of 73,522 acres

* Based on the district total of 73,311 acres

Table MA 6.1
Summary of non-agricultural land use in the mukims of the district of Tengah (Melaka)

Code	Land Use Category	ALAI		AYER MOLEK		BACHANG		BALAI PANJANG		BATU BERENDAM		BERTAM	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	7	–	40	43	24	17	82	91	382	300	29	32
1E	Estate buildings and associated areas	–	–	10	23	–	10	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	1	–	–
1X	Other mining and quarrying areas	1	–	6	5	–	–	–	–	4	–	3	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	21	–	206	14	–	23	–	11	78	39	8	–
7F	Forest	–	–	9	25	–	–	–	–	46	79	–	–
7S	Scrub forest	5	–	10	28	3	–	–	–	65	94	5	–
7C	Newly cleared land	–	11	305	–	–	–	–	–	–	30	–	–
8	Swamps	478	606	466	314	836	763	75	4	1,221	1,214	174	210
9	Unused land	–	2	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	57	–	–	–	88	39	59	–	46	5	24	–
	Total	569	619	1,052	452	951	852	216	106	1,842	1,762	243	242

Table MA 6.1 cont'd

Code	Land Use Category	BUKIT BARU		BUKIT KATIL		BUKIT LINTANG		BUKIT PIATU		BUKIT RAMBAI		CHENG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	543	439	435	329	4	–	45	45	54	71	51	78
1E	Estate buildings and associated areas	–	–	2	–	–	3	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	17	20	–	4	–	–	–	20	–	–	10	–
1P	Power line right of way	15	19	–	–	–	–	–	–	–	2	29	27
6	Grasslands	137	12	171	140	175	52	–	14	11	19	14	13
7F	Forest	91	–	2,422	3,790	3	–	–	–	–	6	–	–
7S	Scrub forest	243	184	332	288	6	7	–	–	13	–	33	68
7C	Newly cleared land	8	23	263	–	26	–	–	–	13	–	6	7
8	Swamps	384	446	1,045	632	66	16	4	–	142	55	342	387
9	Unused land	–	–	–	–	–	–	–	–	5	–	–	–
UN	Unclassified	34	–	48	52	40	–	–	–	28	52	49	28
	Total	1,472	1,143	4,718	5,235	320	78	49	79	266	205	534	608

Table MA 6.1 cont'd

Code	Land Use Category	DUYONG		KANDANG		KLEBANG BESAR		KLEBANG KECHIL		KRUBONG		MELAKA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	23	19	–	–	105	70	248	136	2	1	1,598	1,295
1E	Estate buildings and associated areas	–	–	–	–	–	39	–	–	20	7	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	11	–	–	–	–	–	–	–	–	–	–	26
1P	Power line right of way		–	–	–	–	2	–	–	–	–	–	–
6	Grasslands	48	34	10	–	1	10	–	–	26	33	58	85
7F	Forest	–	–	–	–	–	–	–	–	–	59	–	–
7S	Scrub forest	8	21	4	–	–	–	–	–	5	–	6	–
7C	Newly cleared land	11	8	–	–	–	–	–	–	–	21	5	5
8	Swamps	380	257	27	28	40	–	20	–	496	493	242	97
9	Unused land	–	–	–	–	3	–	–	–	–	–	–	–
UN	Unclassified	26	–	4	–	22	50	2	–	35	–	42	28
	Total	507	339	45	28	171	171	270	136	584	614	1,951	1,536

Table MA 6.1 cont'd

Code	Land Use Category	PADANG SEMABOK		PADANG TEMU		PAYA RUMPUT		PERNU		PRINGGIT		SEMABOK	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	8	6	25	12	6	3	26	16	199	140	22	–
1E	Estate buildings and associated areas	–	–	–	–	31	28	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	11	–
1P	Power line right of way	–	–	–	–	36	37	–	–	–	–	–	–
6	Grasslands	–	–	43	118	9	70	7	9	3	98	–	–
7F	Forest	–	–	–	–	–	–	–	324	–	–	–	–
7S	Scrub forest	–	–	–	–	–	61	–	–	–	–	4	18
7C	Newly cleared land	–	–	–	–	–	6	–	–	–	11	–	–
8	Swamps	2	–	258	289	61	27	167	123	220	118	74	44
9	Unused land	–	–	–	–	–	–	–	167	–	–	–	–
UN	Unclassified	–	–	39	–	–	–	8	–	14	–	25	–
	Total	10	6	365	419	143	232	208	639	436	367	136	62

Table MA 6.1 cont'd

Code	Land Use Category	SUNGEI UDANG		TANGGA BATU		TANJONG KLING		TANJONG MINYAK		TELOK MAS		UJONG PASIR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	1,070	1,161	55	11	196	183	52	36	63	50	61	7
1E	Estate buildings and associated areas	3	–	–	–	–	–	13	11	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	1	5	–	–	–	–	–	–	5	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	3	–	–	–
6	Grasslands	303	29	25	4	23	7	95	318	49	5	10	38
7F	Forest	326	290	8	–	–	–	4	–	–	6	–	–
7S	Scrub forest	49	29	11	–	4	–	29	39	36	102	–	–
7C	Newly cleared land	13	200	29	–	–	–	8	14	–	–	6	2
8	Swamps	3	–	11	–	42	18	172	173	42	21	4	–
9	Unused land	23	3	–	–	–	11	–	–	–	6	–	–
UN	Unclassified	–	–	–	–	5	–	22	43	14	–	4	–
	Total	1,791	1,717	139	15	270	219	395	634	212	190	85	47

Table MA 7
Summary of agricultural land use in the district of Tengah (Melaka)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,267	8.5	5,068	6 9	+ 1,199
2M	Market gardening	905	1.2	736	1.0	+ 161
2E	Agricultural stations	114	0.2	59	0.1	+ 55
3Gy	Young rubber	2,548	3.5	—	—	—
3Gm	Mature rubber	25,262	34.3	—	—	—
3Gs	Senile rubber	2,192	3.0	—	—	—
	Sub-total	30,002	40.8	30,856	42.1	— 854
30y	Young oil palm	—	—	—	—	—
30m	Mature oil palm	—	—	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	—	—	—	—	—
3Cy	Young coconut	369	0.5	—	—	—
3Cm	Mature coconut	1,681	2.3	—	—	—
3Cs	Senile coconut	—	—	—	—	—
	Sub-total	2,050	2.8	3,502	4.8	— 1,452
3N	Pineapple	40	—	—	—	+ 40
3T	Tea	—	—	—	—	—
3K	Coffee	4	—	—	—	+ 4
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	321	0.4	159	0.2	+ 162
3F	Fibre crops	—	—	—	—	—
3S	Sago	79	0.1	120	0.2	— 41
3B	Banana	—	—	—	—	—
3H	Fish ponds	146	0.2	186	0.3	— 40
3R	Arecanut	—	—	—	—	—
4P	Padi	13,098	17.8	13,805	18.8	— 707
4C	Diversified crops	456	0.7	68	0.1	+ 478
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	—	—	—	—	—
	Total	53,572	72.9+	54,559	74.4*	— 987

+ Based on the district total of 73,522 acres

* Based on the district total of 73,311 acres

Table MA 7.1
Summary of agricultural land use in the mukims of the district of Tengah (Melaka)

Code	Land Use Category	ALAI		AYER MOLEK	
		1974	1966	1974	1966
2H	Mixed horticulture	295	264	203	231
2M	Market gardening	–	–	–	49
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	1	–	196	–
3Gm	Mature rubber	31	–	2,994	–
3Gs	Senile rubber	–	–	678	–
	Sub-total	32	50	3,868	4,398
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	41	–	41	–
3Cm	Mature coconut	155	–	10	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	196	214	51	25
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	21	22
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	509	534	1	–
4C	Diversified crops	80	–	51	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	1,112	1,062	4,195	4,725

Table MA 7.1 cont'd

Code	Land Use Category	BACHANG		BALAI PANJANG		BATU BERENDAM		BERTAM	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	111	–	163	13	250	196	95	36
2M	Market gardening	–	–	3	7	46	169	7	9
2E	Agricultural stations	–	–	–	–	–	–	32	–
3Gy	Young rubber	–	–	–	–	64	–	9	–
3Gm	Mature rubber	5	–	–	–	427	–	206	–
3Gs	Senile rubber	–	–	–	–	9	–	26	–
	Sub-total	5	5	–	–	500	488	241	270
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	7	–	40	–
3Cm	Mature coconut	3	–	22	–	–	–	9	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	3	50	22	160	7	74	49	35
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	4	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	34	–	30	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	3	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	146	177	–	–
4P	Padi	651	814	998	1,120	446	507	553	636
4C	Diversified crops	–	–	–	–	103	–	8	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	770	869	1,190	1,300	1,535	1,611	1,015	986

Code	Land Use Category	BUKIT BARU		BUKIT KATIL		BUKIT LINTANG		BUKIT PIATU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	451	426	154	226	448	309	159	133
2M	Market gardening	319	44	81	197	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	32	–	225	–	481	–	–	–
3Gm	Mature rubber	491	–	2,919	–	4,887	–	2	–
3Gs	Senile rubber	–	–	76	–	66	–	–	–
	Sub-total	523	577	3,220	3,113	5,434	5,832	2	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	8	–	29	–	10	–	–	–
3Cm	Mature coconut	–	–	–	–	48	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	8	18	29	–	58	42	–	–
3N	Pineapple	–	–	40	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	32	15	96	2	36	54	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	10	–	–	1	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	495	598	18	31	266	257	240	238
4C	Diversified crops	12	5	34	–	18	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,840	1,693	3,672	3,569	6,261	6,494	401	371

Table MA 7.1 cont'd

Code	Land Use Category	BUKIT RAMBAI		CHENG		DUYONG		KANDANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	419	146	144	69	252	372	213	172
2M	Market gardening	31	69	4	14	19	31	–	–
2E	Agricultural stations	46	46	–	–	–	–	–	–
3Gy	Young rubber	111	–	52	–	44	–	–	–
3Gm	Mature rubber	879	–	755	–	267	–	91	–
3Gs	Senile rubber	85	–	284	–	–	–	–	–
	Sub-total	1,075	1,172	1,091	1,068	311	290	91	92
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	12	–	–	–	46	–	–	–
3Cm	Mature coconut	332	–	–	–	2	–	33	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	344	666	–	35	48	–	33	111
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	8	–	24	18	4	4	3	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	6	13	–	–	1	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,267	2,188	457	453	288	396	582	564
4C	Diversified crops	43	–	26	9	2	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,239	4,300	1,746	1,666	925	1,093	922	939

Table MA 7.1 cont'd

Code	Land Use Category	KLEBANG BESAR		KLEBANG KECHIL		KRUBONG		MELAKA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	211	5	33	–	234	155	162	372
2M	Market gardening	7	–	2	14	–	–	50	4
2E	Agricultural stations	36	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	214	–	–	–
3Gm	Mature rubber	65	–	–	–	1,888	–	–	–
3Gs	Senile rubber	–	–	–	–	196	–	–	–
	Sub-total	65	31	–	–	2,298	2,183	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	3	–	6	–	–	–	17	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	3	204	6	104	–	159	17	112
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	13	25	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	35	7	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	9	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	408	481	436	484	372	396	378	535
4C	Diversified crops	3	–	–	–	2	11	1	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	746	746	477	611	2,941	2,911	608	1,023

Table MA 7.1 cont'd

Code	Land Use Category	PADANG SEMABOK		PADANG TEMU		PAYA RUMPUT		PERNU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	10	13	31	68	246	292	245	197
2M	Market gardening	–	–	–	–	–	2	–	–
2E	Agriculture stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	623	–	1	–
3Gm	Mature rubber	–	–	–	–	1,574	–	286	–
3Gs	Senile rubber	–	–	–	–	346	–	–	–
	Sub-total	–	–	–	–	2,543	2,398	287	223
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	89	–	–	–	40	–
3Cm	Mature coconut	1	–	139	–	–	–	76	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	1	–	228	102	–	25	116	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	1	–	5	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	25	9	6	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	120	122	103	113	319	306	504	310
4C	Diversified crops	–	–	–	–	–	–	10	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	131	135	362	308	3,118	3,029	1,167	736

Table MA 7.1 cont'd

Code	Land Use Category	PRINGGIT		SEMABOK		SUNGEI UDANG		TANGGA BATU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	167	196	224	263	278	84	312	51
2M	Market gardening	–	–	21	40	10	66	–	–
2E	Agriculture stations	–	–	–	–	–	13	–	–
3Gy	Young rubber	–	–	7	–	161	–	13	–
3Gm	Mature rubber	–	–	7	–	2,906	–	688	–
3Gs	Senile rubber	–	–	–	–	–	–	11	–
	Sub-total	–	–	14	6	3,067	3,181	712	843
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	3	–	–	–	–	–
3Cm	Mature coconut	–	–	23	–	142	–	225	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	26	–	142	215	225	508
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	7	4	3	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	3	9	11	10	5
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	168	216	553	621	275	292	510	494
4C	Diversified crops	8	–	28	–	6	–	8	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	343	412	866	940	3,791	3,865	1,777	1,901

Table MA 7.1 cont'd

Code	Land Use Category	TANJONG KLING		TANJONG MINYAK		TELOK MAS		UJONG PASIR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	364	292	183	131	208	318	2	38
2M	Market gardening	–	–	305	21	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	307	–	7	–	–	–
3Gm	Mature rubber	291	–	3,204	–	399	–	–	–
3Gs	Senile rubber	–	–	415	–	–	–	–	–
	Sub-total	291	313	3,926	3,861	406	462	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	1	–	2	–	–	–
3Cm	Mature coconut	389	–	35	–	11	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	389	482	36	143	13	18	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	10	3	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	4	4	1	4	–	–	–	32
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	612	620	269	288	219	140	81	51
4C	Diversified crops	–	–	33	43	70	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,660	1,711	4,763	4,494	916	938	83	121

Table MA 8
Summary of non-agricultural land use in the district of Utara (Melaka)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres	
		Total acres	% of district	Total acres	% of district		
1U	Urban and associated areas	1,580	0.9	1,590	1.0	–	10
1E	Estate buildings and associated areas	505	0.3	456	0.3	+	49
1T	Tin mining areas	12	–	153	–	–	141
1X	Other mining and quarrying areas	88	–	96	–	–	8
1P	Power line right of way	243	0.1	237	0.1	+	6
6	Grasslands	3,141	1.9	2,770	1.7	+	371
7F	Forest	7,614	4.6	12,391	7.6	–	4,777
7S	Scrub forest	3,444	2.1	3,463	2.1	–	19
7C	Newly cleared land	1,856	1.1	749	0.5	+	1,107
8	Swamps	5,659	3.4	3,884	2.4	+	1,775
9	Unused land	81	–	5	–	+	76
UN	Unclassified	695	0.4	507	0.3	+	188
	Total	24,918	15.0+	26,301	16.0*	–	1,383

+ Based on the district total of 165,831 acres

* Based on the district total of 164,906 acres

Table MA 8.1
Summary of non-agricultural land use in the mukims of the district of Utara (Melaka)

Code	Land Use Category	AYER PA'ABAS		BELIMBING		BERINGIN	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	9	–	–	–	–
1E	Estate buildings and associated areas	8	10	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	10	14	2	–
1P	Power line right of way	3	3	–	–	–	–
6	Grasslands	56	33	7	26	26	4
7F	Forest	58	3	–	–	–	7
7S	Scrub forest	100	268	93	–	37	7
7C	Newly cleared land	21	3	–	–	–	27
8	Swamps	27	–	–	–	–	–
9	Unused land	–	–	–	–	–	–
UN	Unclassified	–	–	21	24	16	17
	Total	273	329	131	64	81	62

Table MA 8.1 cont'd

Code	Land Use Category	BRISU		DURIAN TUNGGAL		GADEK		KELEMAK	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	31	17	3	–	215	131
1E	Estate buildings and associated areas	–	–	71	53	25	14	24	22
1T	Tin mining areas	–	–	4	34	–	–	–	–
1X	Other mining and quarrying areas	–	–	3	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	42	60
6	Grasslands	22	21	266	188	67	21	108	43
7F	Forest	976	1,014	112	256	–	–	3	11
7S	Scrub forest	44	121	525	164	118	48	22	20
7C	Newly cleared land	21	–	353	12	–	–	–	10
8	Swamps	11	–	465	264	5	–	5	–
9	Unused land	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	23	–	7	–	22	7
	Total	1,074	1,156	1,853	988	225	83	441	304

Table MA 8.1 cont'd

Code	Land Use Category	KEMUNING		KUALA LINGGI		KUALA SUNGAI BARU		LENDU		MACHAP		MALAKA PINDAH	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	4	155	34	29	34	27	30	33	107	211	–	–
1E	Estate buildings and associated areas	28	27	14	–	–	–	26	7	19	44	30	34
1T	Tin mining areas	–	–	–	81	–	38	–	–	8	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	28	13
1P	Power line right of way	–	–	–	7	–	–	–	–	50	–	–	–
6	Grasslands	190	73	33	119	41	99	61	38	797	907	147	178
7F	Forest	240	470	164	414	43	4	33	48	386	604	419	646
7S	Scrub forest	122	16	80	221	15	153	61	113	564	342	202	133
7C	Newly cleared land	3	–	44	–	–	–	235	3	229	410	137	78
8	Swamps	37	–	2,534	2,431	524	386	4	–	331	–	–	–
9	Unused land	–	–	74	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	65	419	303	34	11	–	–	–	5	32	8
	Total	624	806	3,396	3,605	691	718	450	242	2,491	2,523	995	1,090

Table MA 8.1 cont'd

Code	Land Use Category	MASJID TANAH		MELEKEK		PADANG SEBANG		PARIT MELANA		PEGOH		PULAU SEBANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	122	87	11	10	7	14	6	13	–	–	369	264
1E	Estate buildings and associated areas	–	–	2	–	22	13	3	–	50	70	8	14
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	26	38	–	–	–	–	8	11	–	–
6	Grasslands	6	4	14	5	26	30	16	16	34	45	188	162
7F	Forest	2	–	–	1	–	16	2	2	–	95	61	96
7S	Scrub forest	32	194	10	21	13	4	51	–	18	10	60	140
7C	Newly cleared land	17	11	–	–	1	–	–	–	8	–	159	47
8	Swamps	6	–	–	–	–	–	–	–	–	–	50	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	–	–	4	–	5	–	–	–	13	–
	Total	185	296	63	75	73	77	83	31	118	231	908	723

Table MA 8.1 cont'd

Code	Land Use Category	RAMUAN CINA BESAR		RAMUAN CINA KECHIL		REMBIA		SUNGAI BARU ILIR		SUNGAI BARU TENGAH		SUNGAI BARU ULU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	15	4	30	5	74	64	90	79	259	372
1E	Estate buildings and associated areas	56	33	8	11	18	–	19	20	–	13	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	45	69	–	–
1P	Power line right of way	–	–	–	–	24	25	–	–	–	–	–	–
6	Grasslands	–	31	34	44	21	39	33	142	31	31	117	53
7F	Forest	26	51	2	62	–	–	190	478	23	12	3,765	3,604
7S	Scrub forest	72	156	9	44	31	68	132	126	44	63	357	222
7C	Newly cleared land	64	–	43	–	10	–	187	10	141	9	19	31
8	Swamps	542	681	214	68	24	–	552	49	12	–	–	–
9	Unused land	–	–	–	–	–	–	–	5	7	–	–	–
UN	Unclassified	57	57	26	–	–	–	–	–	–	–	–	–
	Total	817	1,009	351	233	158	137	1,187	894	393	276	4,517	4,282

Table MA 8.1 cont'd

Code	Land Use Category	SUNGAI BULUH		SUNGAI PETAI		SUNGAI SIPUT		TABOH NANING		TANJONG RIMAU		TEBONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	5	4	2	1	18	–	50	12	2	–	62	49
1E	Estate buildings and associated areas	2	4	2	–	–	–	9	–	–	–	61	67
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	42	37	–	–	48	56	–	–	–	–
6	Grasslands	37	21	25	12	4	6	485	186	22	5	227	188
7F	Forest	142	104	20	9	323	2,563	166	868	95	160	363	793
7S	Scrub forest	21	20	49	56	40	6	493	727	13	–	16	–
7C	Newly cleared land	23	–	94	39	34	–	9	54	4	–	–	3
8	Swamps	28	–	–	–	25	–	39	–	24	–	200	5
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	–	10	–	–	–	–	12	–	4	–
	Total	258	155	234	164	444	2,575	1,299	1,903	172	165	933	1,105

Table MA 9
Summary of agricultural land use in the district of Utara (Melaka)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	10,705	6.4	6,830	4.1	+ 3,875
2M	Market gardening	195	0.1	601	0.4	– 406
2E	Agricultural stations	107	0.1	63	–	+ 44
3Gy	Young rubber	10,406	6.3	–	–	–
3Gm	Mature rubber	92,534	55.8	–	–	–
3Gs	Senile rubber	7,738	4.7	–	–	–
	Sub-total	110,678	66.8	115,518	70.1	– 4,840
30y	Young oil palm	1,459	0.9	–	–	–
30m	Mature oil palm	3,116	1.9	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	4,575	2.8	240	0.1	+ 4,335
3Cy	Young coconut	96	–	–	–	–
3Cm	Mature coconut	791	0.5	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	887	0.5	2,776	1.7	– 1,889
3N	Pineapple	6	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	15	–	– 15
3X	Orchards	683	0.4	166	0.1	+ 517
3F	Fibre crops	–	–	–	–	–
3S	Sago	560	0.3	642	0.4	– 82
3B	Banana	–	–	–	–	–
3H	Fish ponds	20	–	–	–	+ 20
3R	Arecanut	–	–	–	–	–
4P	Padi	11,258	6.8	11,593	7.0	– 335
4C	Diversified crops	1,239	0.7	161	0.1	+ 1,078
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	140,913	85.0+	138,605	84.0*	+ 2,308

+ Based on the district total of 165,831 acres

* Based on the district total of 164,906 acres

Table MA 9.1
Summary of agricultural land use in the mukims of the district of Utara (Melaka)

Code	Land Use Category	AYER PA'ABAS		BELIMBING		BERINGIN	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	535	239	166	148	112	72
2M	Market gardening	–	–	–	4	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	460	–	7	–	21	–
3Gm	Mature rubber	5,295	–	338	–	598	–
3Gs	Senile rubber	12	–	80	–	46	–
	Sub-total	5,767	5,710	425	545	665	707
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	17	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	17	226	–	–	–	9
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	4	–	7	–	7	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	50	108	8	10	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	1	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	774	841	215	181	156	171
4C	Diversified crops	5	–	–	–	–	–
4X	Shifting cultivation	27	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	7,180	7,124	821	888	940	959

Table MA 9.1 cont'd

Code	Land Use Category	BRISU		DURIAN TUNGGAL		GADEK		KELEMAK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	306	214	468	424	290	265	533	419
2M	Market gardening	–	–	34	50	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	104	–	878	–	115	–	457	–
3Gm	Mature rubber	1,709	–	7,834	–	2,140	–	2,422	–
3Gs	Senile rubber	30	–	880	–	403	–	350	–
	Sub-total	1,843	1,867	9,592	10,460	2,658	2,792	3,229	3,315
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	76	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	76	–	–	–
3Cy	Young coconut	–	–	7	–	–	–	–	–
3Cm	Mature coconut	–	–	3	–	7	–	3	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	4	10	9	7	79	3	127
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	39	–	22	–	6	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	30	31	17	23	14	22	23	21
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	6	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	296	316	322	313	415	457	545	556
4C	Diversified crops	18	–	16	–	13	–	11	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,532	2,432	10,487	11,279	3,479	3,615	4,344	4,438

Table MA 9.1 cont'd

Code	Land Use Category	KEMUNING		KUALA LINGGI		KUALA SUNGAI BARU		LENDU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	287	147	295	13	559	30	196	103
2M	Market gardening	–	–	–	–	–	–	–	24
2E	Agricultural stations	–	–	6	–	–	–	–	–
3Gy	Young rubber	195	–	47	–	31	–	144	–
3Gm	Mature rubber	4,948	–	1,517	–	617	–	5,566	–
3Gs	Senile rubber	207	–	52	–	24	–	39	–
	Sub-total	5,350	5,309	1,616	1,529	672	780	5,749	5,945
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	5	–	18	–	–	–
3Cm	Mature coconut	–	–	30	–	61	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	35	259	79	332	4	81
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	15	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	4	–	8	–	5	–	4	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	9	3	–	–	11	11	5	22
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	3	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	115	133	155	125	490	587	303	271
4C	Diversified crops	6	–	35	–	279	3	19	17
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,774	5,592	2,150	1,941	2,095	1,743	6,280	6,463

Table MA 9.1 cont'd

Code	Land Use Category	MACHAP		MALAKA PINDAH		MASJID TANAH		MELEKEK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	290	154	98	112	667	157	350	259
2M	Market gardening	1	48	8	48	–	4	9	15
2E	Agricultural stations	–	–	3	–	–	–	–	–
3Gy	Young rubber	652	–	340	–	39	–	107	–
3Gm	Mature rubber	13,344	–	2,583	–	3,184	–	1,219	–
3Gs	Senile rubber	1,136	–	405	–	–	–	–	–
	Sub-total	15,132	15,945	3,328	4,410	3,223	3,342	1,326	1,449
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	944	–	1,239	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	944	222	1,239	–	–	–	–	–
3Cy	Young coconut	2	–	–	–	–	–	–	–
3Cm	Mature coconut	43	–	73	–	13	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	45	38	73	80	13	358	–	59
3N	Pineapple	6	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	212	24	101	89	20	–	–	2
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	12	14	–	–	11	6
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	10	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	48	40	248	280	551	602	470	379
4C	Diversified crops	120	14	23	–	–	–	25	10
4X	Shifting cultivation	72	–	15	–	100	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	16,880	16,485	5,148	5,033	4,574	4,463	2,191	2,179

Code	Land Use Category	PADANG SEBANG		PARIT MELANA		PEGOH		PULAU SEBANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	229	247	191	168	364	337	348	316
2M	Market gardening	–	3	–	1	7	29	66	90
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	21	–	8	–	211	–	339	–
3Gm	Mature rubber	1,035	–	1,004	–	3,660	–	2,478	–
3Gs	Senile rubber	385	–	48	–	116	–	101	–
	Sub-total	1,441	1,752	1,060	1,125	3,987	3,798	2,918	3,178
30Y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	244	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	244	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	12	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	31	12	76	–	13
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	2	–	–	–	5	3	63	5
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	35	35	–	–	2	7	20	8
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	189	105	257	235	279	297	169	208
4C	Diversified crops	6	–	–	–	4	–	37	–
4X	Shifting cultivation	–	–	–	–	–	–	12	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,146	2,142	1,508	1,560	4,660	4,547	3,633	3,818

Table MA 9.1 cont'd

Code	Land Use Category	REMUAN CINA BESAR		RAMUAN CINA KECHIL		REMBIA		SUNGAI BARU ILIR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	288	151	409	340	206	180	479	264
2M	Market gardening	–	–	–	–	–	21	30	113
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	34	–	146	–	72	–	358	–
3Gm	Mature rubber	2,765	–	1,384	–	2,983	–	5,544	–
3Gs	Senile rubber	146	–	467	–	362	–	125	–
	Sub-total	2,945	3,204	1,997	2,219	3,417	3,501	6,027	6,500
30y	Young oil palm	–	–	63	–	–	–	–	–
30m	Mature oil palm	426	–	5	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	426	–	68	–	–	–	–	–
3Cy	Young coconut	–	–	6	–	–	–	51	–
3Cm	Mature coconut	4	–	37	–	–	–	151	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	4	25	43	62	–	7	202	105
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	25	–	–	–	–	3	22	19
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	14	12	27	8	92	82
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	308	424	444	450	194	165	1,264	1,452
4C	Diversified	17	–	–	10	34	14	205	79
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,013	3,804	2,975	3,093	3,878	3,899	8,321	8,614

Table MA 9.1 cont'd

Code	Land Use Category	SUNGAI BARU TENGAH		SUNGAI BARU ULU		SUNGAI BULUH		SUNGAI PETAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	787	325	538	280	136	148	289	233
2M	Market gardening	16	40	6	7	–	–	18	35
2E	Agricultural stations	–	–	98	63	–	–	–	–
3Gy	Young rubber	84	–	1	–	93	–	100	–
3Gm	Mature rubber	2,625	–	3,137	–	1,322	–	2,898	–
3Gs	Senile rubber	42	–	105	–	6	–	657	–
	Sub-total	2,751	3,246	3,243	3,550	1,421	1,508	3,655	3,683
30y	Young oil palm	–	–	–	–	2	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	2	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	284	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	284	411	–	186	–	–	–	67
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	18	4	28	16	3	–	14	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	77	84	30	55	3	5	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,001	952	404	429	173	159	278	306
4C	Diversified crops	21	10	4	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,955	5,072	4,351	4,586	1,738	1,820	4,254	4,324

Table MA 9.1 cont'd

Code	Land Use Category	SUNGAI SIPUT		TABOH NANING		TANJONG RIMAU		TEBONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	479	300	510	485	206	225	94	75
2M	Market gardening	–	–	–	59	–	4	–	6
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2,067	–	2,336	–	52	–	887	–
3Gm	Mature rubber	1,111	–	2,057	–	667	–	4,550	–
3Gs	Senile rubber	174	–	74	–	46	–	1,220	–
	Sub-total	3,352	1,485	4,467	5,022	765	725	6,657	6,917
30y	Young oil palm	–	–	1,007	–	–	–	387	–
30m	Mature oil palm	–	–	154	–	2	–	26	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	1,161	–	2	–	413	18
3Cy	Young coconut	–	–	7	–	–	–	–	–
3Cm	Mature coconut	–	–	5	–	–	–	44	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	49	12	25	–	–	44	58
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	9	–	15	1	–	–	40	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	40	44	8	9	20	22	2	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	524	438	405	390	175	200	91	131
4C	Diversified crops	43	–	20	4	1	–	36	–
4X	Shifting cultivation	–	–	15	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,447	2,316	6,613	5,995	1,169	1,176	7,377	7,205

THE PRESENT LAND USE OF NEGERI SEMBILAN

The General Pattern

Agriculture and forestry are the two dominant forms of land use in the State of Negeri Sembilan. Agriculture occupies the coastal plain and foothills while forests cover the mountainous region.

Within the agricultural sector rubber is the dominant crop, growing on hill slopes as well as on valley floors. Oil palm is cultivated on a relatively smaller extent but mainly on an estate basis. Similarly sugarcane is cultivated on a large commercial plantation basis. Smallholder agriculture is a characteristic feature of the general agricultural pattern being prominently associated with padi cultivation in the valley floors of streams and rivers. Tho presence of the smallholdings is indicated by the close association of strip conurbations on land at the upper margins of the narrow and elongated padi fields. These are the mixed horticulture units consisting of the settlers' dwellings and a mixture of crops which include admixtures of various combinations of fruit trees, coconut and arecanut palms, bananas, tapioca and market garden vegetables.

The land use area of the State is 1,076 acres (437 ha) larger than the physical area as a result of the adoption of the crop equivalent factor which is described under the section on the Methodology of Survey. The major forms of intercropping giving rise to the increase in land use area are between rubber, coconut and orchards, on the one hand, and diversified crops, grassland and scrub forest, on the other.

Post – 1966 Developments

Overall, there is an increase of 1,068 acres (433 ha) in the total land use area (Table NS 1). This difference is the result of increased intercropping or mixture between rubber, coconut and orchards, on the one hand, and mixed horticulture, diversified crops or scrub forest, on the other.

The area of cultivated land shows an increase of 79,818 acres (32,326 ha). This figure, however, does not take into consideration the areas earmarked for agriculture and presently mapped as newly cleared land; taking such land into consideration there is a further increase of 93,556 acres (37,890 ha) to be added, which brings the total area devoted to agricultural development to 760,085 acres (307,834 ha) an increase of 173,374 acres (70,216 ha) over the 1966 total (Donaldson & Siew, 1968).

Further comparisons by land use category at the State, district and mukim levels are indicated in Tables NS 2 to NS 15.

Table NS 1
The land use summary of the State of Negeri Sembilan

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	1,646,953	1,646,953	–
Total land use area	1,648,031*	1,646,963	+ 1,068
Cultivated area	652,024	572,206	+ 79,818
Newly cleared land	108,061x	14,589	+ 93,556
Total agricultural land	760,085	586,795	+ 173,374

* The land use acreage in 1974 is 1,078 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. The difference in 1966 was 10 acres.

x Excludes 84 acres which were earmarked for urban development.

Table NS 2
Summary of non-agricultural land use in the State of Negeri Sembilan

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres	
		Total acres	% of State	Total acres	% of State		
1U	Urban and associated areas	13,834	0.8	11,602	0.7	+	2,232
1E	Estate buildings and associated areas	4,188	0.3	4,087	0.3	+	101
1T	Tin mining areas	4,637	0.3	3,168	0.2	+	1,469
1X	Other mining and quarrying areas	549	—	92	—	+	457
1P	Power line right of way	2,538	0.2	1,717	0.1	+	821
6	Grasslands	44,693	2.7	62,401	3.8	—	17,708
7F	Forest	725,078	44.0	872,327	52.9	—	147,249
7S	Scrub forest	60,932	3.7	75,163	4.6	—	14,231
7C	Newly cleared land	108,145	6.6	14,589	0.9	+	93,556
8	Swamps	24,369	1.5	21,398	1.3	+	2,971
9	Unused land	2,243	0.1	2,141	0.1	+	102
UN	Unclassified	4,801	0.3	6,070	0.4	—	1,269
	Total	996,007	60.4+	1,074,755	65.2*	—	78,748

+ Based on the State total of 1,648,031 acres

* Based on the State total of 1,646,934 acres

Table NS 3
Summary of agricultural land use in the State of Negeri Sembilan

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	36,891	2.2	35,005	2.1	+ 1,886
2M	Market gardening	866	0.1	505	–	+ 361
2E	Agricultural stations	7	–	26	–	– 19
3Gy	Young rubber	61,790	3.7	–	–	–
3Gm	Mature rubber	385,317	23.4	–	–	–
3Gs	Senile rubber	53,556	3.2	–	–	–
	Sub-total	500,663	30.3	493,974	30.0	+ 6,689
30y	Young oil palm	36,671	2.2	–	–	–
30m	Mature oil palm	26,486	1.6	–	–	–
30s	Senile oil palm	156	–	–	–	–
	Sub-total	63,313	3.8	5,545	0.3	+ 57,768
3Cy	Young coconut	689	–	–	–	–
3Cm	Mature coconut	1,098	0.1	–	–	–
3Cs	Senile coconut	39	–	–	–	–
	Sub-total	1,826	0.1	1,499	0.1	+ 327
3N	Pineapple	3	–	–	–	+ 3
3T	Tea	–	–	–	–	–
3K	Coffee	61	–	93	–	– 32
3A	Cocoa	5	–	–	–	+ 5
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	3,257	0.2	–	–	+ 3,257
3X	Orchards	1,728	0.1	412	–	+ 1,316
3F	Fibre crops	–	–	–	–	–
3S	Sago	791	–	869	–	– 78
3B	Banana	–	–	–	–	–
3H	Fish ponds	611	–	366	–	+ 245
3R	Arecanut	–	–	–	–	–
4P	Padi	32,531	2.0	31,339	1.9	+ 1,192
4C	Diversified crops	7,483	0.5	1,803	0.1	+ 5,680
4X	Shifting cultivation	572	–	634	–	– 62
5	Improved permanent pasture	1,416	0.1	109	–	+ 1,307
	Total	652,024	39.6+	572,179	34.8*	+ 79,845

+ Based on the State total of 1,648,031 acres

* Based on the State total of 1,646,934 acres

Table NS 4
Summary of non-agricultural land use in the district of Jelebu (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	886	0.3	579	0.2	+ 307
1E	Estate buildings and associated areas	154	–	115	–	+ 39
1T	Tin mining areas	2,282	0.7	1,115	0.4	+ 1,167
1X	Other mining and quarrying areas	5	–	30	–	– 25
1P	Power line right of way	–	–	–	–	–
6	Grasslands	12,293	3.6	12,832	3.9	– 539
7F	Forest	231,233	68.8	264,171	78.6	– 32,938
7S	Scrub forest	7,984	2.4	7,660	2.3	+ 324
7C	Newly cleared land	19,566	5.8	1,172	0.4	+ 18,394
8	Swamps	1,025	0.3	1,824	0.5	– 799
9	Unused land	–	–	–	–	–
UN	Unclassified	539	0.2	1,049	0.3	– 510
	Total	275,967	82.1+	290,547	86.4*	– 14,580

+ Based on the district total of 336,095 acres

* Based on the district total of 336,095 acres

Table NS 4.1
Summary of non-agricultural land use in the mukims of the district of Jelebu (Negeri Sembilan)

Code	Land Use Category	GELAMI LEMI		KENABOI	
		1974	1966	1974	1966
1U	Urban and associated areas	298	173	25	40
1E	Estate buildings and associated areas	–	13	–	–
1T	Tin mining areas	1,759	858	43	36
1X	Other mining and quarrying areas	–	30	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	5,291	5,116	1,348	885
7F	Forest	18,445	19,889	70,334	73,835
7S	Scrub forest	1,177	1,476	1,724	725
7C	Newly cleared land	303	185	889	90
8	Swamps	12	–	–	45
9	Unused land	–	–	–	–
UN	Unclassified	160	61	39	316
	Total	27,445	27,801	74,402	75,972

Table NS 4.1 cont'd

Code	Land Use Category	KUALA KELAWANG		PERADONG		PERTANG		TERIANG ILIR		ULU KELAWANG		ULU TERIANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	176	148	19	–	123	32	141	127	6	4	98	55
1E	Estate buildings and associated areas	–	14	–	–	104	78	50	–	–	–	–	10
1T	Tin mining areas	–	–	93	59	245	93	–	–	29	–	113	69
1X	Other mining and quarrying areas	5	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	466	233	909	2,014	2,521	2,394	1,147	1,071	383	699	228	420
7F	Forest	10,964	11,565	7,099	7,728	40,653	56,280	48,094	58,553	16,305	16,910	19,339	19,411
7S	Scrub forest	218	261	918	479	1,380	1,499	1,730	2,343	743	735	14	142
7C	Newly cleared land	62	16	963	28	7,700	196	8,451	569	900	14	298	74
8	Swamps	–	–	88	135	315	378	561	1,226	18	–	31	40
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	13	87	95	140	231	445	–	–	1	–
	Total	11,891	12,237	10,102	10,530	53,136	61,090	60,405	64,334	18,384	18,362	20,202	20,221

Table NS 4.1
Summary of non-agricultural land use in the mukims of the district of Jelebu (Negeri Sembilan)

Code	Land Use Category	GELAMI LEMI		KENABOI	
		1974	1966	1974	1966
1U	Urban and associated areas	298	173	25	40
1E	Estate buildings and associated areas	–	13	–	–
1T	Tin mining areas	1,759	858	43	36
1X	Other mining and quarrying areas	–	30	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	5,291	5,116	1,348	885
7F	Forest	18,445	19,889	70,334	73,835
7S	Scrub forest	1,177	1,476	1,724	725
7C	Newly cleared land	303	185	889	90
8	Swamps	12	–	–	45
9	Unused land	–	–	–	–
UN	Unclassified	160	61	39	316
	Total	27,445	27,801	74,402	75,972

Table NS 4.1 cont'd

Code	Land Use Category	KUALA KELAWANG		PERADONG		PERTANG		TERIANG ILIR		ULU KELAWANG		ULU TERIANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	176	148	19	–	123	32	141	127	6	4	98	55
1E	Estate buildings and associated areas	–	14	–	–	104	78	50	–	–	–	–	10
1T	Tin mining areas	–	–	93	59	245	93	–	–	29	–	113	69
1X	Other mining and quarrying areas	5	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	466	233	909	2,014	2,521	2,394	1,147	1,071	383	699	228	420
7F	Forest	10,964	11,565	7,099	7,728	40,653	56,280	48,094	58,553	16,305	16,910	19,339	19,411
7S	Scrub forest	218	261	918	479	1,380	1,499	1,730	2,343	743	735	14	142
7C	Newly cleared land	62	16	963	28	7,700	196	8,451	569	900	14	298	74
8	Swamps	–	–	88	135	315	378	561	1,226	18	–	31	40
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	13	87	95	140	231	445	–	–	1	–
	Total	11,891	12,237	10,102	10,530	53,136	61,090	60,405	64,334	18,384	18,362	20,202	20,221

Table NS 5
Summary of agricultural land use in the district of Jelebu (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,146	0.9	3,008	0.9	+ 138
2M	Market gardening	73	–	5	–	+ 68
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	4,829	1.4	–	–	–
3Gm	Mature rubber	37,581	11.2	–	–	–
3Gs	Senile rubber	2,452	0.7	–	–	–
	Sub-total	44,862	13.3	39,287	11.7	+ 5,575
30y	Young oil palm	6,870	2.0	–	–	–
30m	Mature oil palm	333	0.1	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	7,203	2.1	–	–	+ 7,203
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	27	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	27	–	17	–	+ 10
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	70	–	18	–	+ 52
3F	Fibre crops	–	–	–	–	–
3S	Sago	41	–	15	–	+ 26
3B	Banana	–	–	–	–	–
3H	Fish ponds	47	–	3	–	+ 44
3R	Arecanut	–	–	–	–	–
4P	Padi	3,690	1.1	3,103	0.9	+ 587
4C	Diversified crops	890	0.3	30	–	+ 860
4X	Shifting cultivation	79	–	62	–	+ 17
5	Improved permanent pasture	–	–	–	–	–
	Total	60,128	17.9+	45,548	13.6*	+ 14,580

+ Based on the district total of 336,095 acres

* Based on the district total of 336,095 acres

Table NS 5.1
Summary of agricultural land use in the mukims of the district of Jelebu (Negeri Sembilan)

Code	Land Use Category	GELAMI LEMI		KENABOI		KUALA KELAWANG		PERADONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	32	12	181	196	372	382	563	565
2M	Market gardening	61	5	–	–	–	–	4	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	726	–	713	–	268	–	476	–
3Gm	Mature rubber	6,919	–	5,078	–	1,918	–	2,481	–
3Gs	Senile rubber	167	–	757	–	114	–	153	–
	Sub-total	7,812	7,840	6,548	5,034	2,300	1,905	3,110	2,984
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	8	–	6	–	13	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	8	10	6	3	13	4
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	23	–	10	–	–	–	3	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	1	–	–	–	1	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	29	–	–	–	–	–	9	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	15	12	35	142	400	424	623	436
4C	Diversified crops	278	26	172	4	25	–	92	–
4X	Shifting cultivation	–	–	3	–	18	62	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	8,251	7,895	6,956	5,386	3,122	2,776	4,417	3,989

Code	Land Use Category	PERTANG		TERIANG ILIR		ULU KELAWANG		ULU TERIANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	601	440	514	345	615	690	268	378
2M	Market gardening	8	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,283	–	463	–	388	–	512	–
3Gm	Mature rubber	9,291	–	6,667	–	1,606	–	3,621	–
3Gs	Senile rubber	883	–	262	–	85	–	31	–
	Sub-total	11,457	9,582	7,392	5,819	2,079	2,060	4,164	4,063
30y	Young oil palm	5,450	–	1,420	–	–	–	–	–
30m	Mature oil palm	–	–	333	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	5,450	–	1,753	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	14	–	3	6	10	5	7	7
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	21	10	18	5
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	9	3	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	704	435	948	662	553	560	412	432
4C	Diversified crops	171	–	99	–	19	–	35	–
4X	Shifting cultivation	–	–	52	–	6	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	18,414	10,460	10,761	6,832	3,303	3,325	4,904	4,885

Table NS 6
Summary of non-agricultural land use in the district of Kuala Pilah (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,787	0.3	1,140	0.2	+ 647
1E	Estate buildings and associated areas	1,212	0.2	1,106	0.2	+ 106
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	21	—	8	—	+ 13
1P	Power line right of way	458	0.1	296	—	+ 162
6	Grasslands	12,211	2.0	19,616	3.2	— 7,405
7F	Forest	299,417	48.1	379,796	61.0	— 80,379
7S	Scrub forest	27,381	4.4	36,622	5.9	— 9,241
7C	Newly cleared land	63,090	10.1	5,126	0.8	+ 57,964
8	Swamps	4,779	0.8	4,230	0.7	+ 549
9	Unused land	—	—	—	—	—
UN	Unclassified	1,353	0.2	2,097	0.3	— 744
	Total	411,709	66.2+	450,037	72.4*	— 38,328

\+ Based on the district total of 621,775 acres

* Based on the district total of 621,626 acres

Table NS 6.1
Summary of non-agricultural land use in the mukims of the district of Kuala Pilah (Negeri Sembilan)

Code	Land Use Category	AMPANG TINGGI		JELEI		JOHOL		JUASSEH	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	64	21	285	303	103	42	33	38
1E	Estate buildings and associated areas	–	3	196	236	46	83	40	37
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	8	–	–
1P	Power line right of way	–	–	169	–	–	–	–	–
6	Grasslands	67	136	865	1,910	898	1,665	292	571
7F	Forest	1,203	1,493	14,203	17,670	37,950	39,597	7,102	8,645
7S	Scrub forest	116	180	1,513	1,945	3,186	4,309	735	1,136
7C	Newly cleared land	437	120	1,123	984	1,790	873	1,864	167
8	Swamps	75	–	69	11	88	8	119	3
9	Unused land	–	–	–	–	–	–	–	–
UN	Unclassified	–	102	202	251	–	157	64	24
	Total	1,962	2,055	18,625	23,310	44,061	46,742	10,249	10,621

Table NS 6.1 cont'd

Code	Land Use Category	KUALA JEMPOL		KEPIS		LANGKAP		PARIT TINGGI		PILAH		ROMPIN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	48	50	19	22	–	–	17	–	444	259	30	14
1E	Estate buildings and associated areas	6	4	60	72	–	–	–	4	2	–	710	556
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	155	142	–	–	–	–	12	19	–	–
6	Grasslands	262	258	385	1,984	40	–	12	79	126	490	1,501	3,347
7F	Forest	1,096	1,591	3,310	4,545	22,560	22,589	6,586	6,948	604	1,094	80,251	130,065
7S	Scrub forest	1,244	1,732	4,230	3,619	922	850	135	149	417	363	2,918	2,969
7C	Newly cleared land	228	3	758	232	–	21	457	–	442	125	42,570	1,971
8	Swamps	9	–	123	3	–	–	–	–	7	–	3,047	3,401
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	211	179	204	298	–	32	–	–	49	41	313	352
	Total	3,104	3,817	9,244	10,917	23,522	23,492	7,207	7,180	2,103	2,391	131,340	142,675

Code	Land Use Category	SERTING ILIR		SERTING ULU		SRI MENANTI		TERACHI		ULU JEMPUL		ULU MUAR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	325	104	142	170	115	67	45	25	16	6	101	19
1E	Estate buildings and associated areas	65	104	87	7	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	18	–	–	–	3	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	60	50	–	–	62	85
6	Grasslands	3,302	3,140	3,548	4,967	343	233	210	188	111	273	249	375
7F	Forest	35,813	41,565	34,136	45,823	7,218	8,790	29,124	29,964	15,297	16,078	2,964	3,339
7S	Scrub forest	5,620	8,877	4,689	8,277	424	371	359	463	316	506	557	876
7C	Newly cleared land	6,303	180	3,739	289	903	65	770	11	627	27	1,079	58
8	Swamps	44	153	997	646	74	5	49	–	54	–	24	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	128	327	108	42	9	79	–	140	–	–	65	73
	Total	51,600	54,450	47,464	60,221	9,086	9,610	30,620	30,841	16,421	16,890	5,101	4,825

Table NS 7
Summary of agricultural land use in the district of Kuala Pilah (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	14,965	2.4	13,841	2.2	+ 1,124
2M	Market gardening	139	–	104	–	+ 35
2E	Agricultural stations	–	–	20	–	– 20
3Gy	Young rubber	31,564	5.1	–	–	–
3Gm	Mature rubber	99,934	16.1	–	–	–
3Gs	Senile rubber	19,349	3.1	–	–	–
	Sub-total	150,847	24.3	138,166	22.2	+ 12,681
30y	Young oil palm	14,048	2.3	–	–	–
30m	Mature oil palm	9,127	1.5	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	23,175	3.8	4,139	0.7	+ 19,036
3Cy	Young coconut	44	–	–	–	–
3Cm	Mature coconut	33	–	–	–	–
3Cs	Senile coconut	3	–	–	–	–
	Sub-total	80	–	135	–	– 55
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	3,257	0.5	–	–	+ 3,257
3X	Orchards	195	–	40	–	+ 155
3F	Fibre crops	–	–	–	–	–
3S	Sago	185	–	336	–	– 151
3B	Banana	–	–	–	–	–
3H	Fish ponds	27	–	36	–	– 9
3R	Arecanut	–	–	–	–	–
4P	Padi	14,969	2.4	14,075	2.3	+ 894
4C	Diversified crops	1,770	0.3	125	–	+ 1,645
4X	Shifting cultivation	457	0.1	572	–	– 115
5	Improved permanent pasture	–	–	–	–	–
	Total	210,066	33.8+	171,589	27.6*	+ 38,477

+ Based on the district total of 621,775 acres

* Based on the district total of 621,626 acres

Table NS 7.1
Summary of agricultural land use in the mukims of the district of Kuala Pilah

Code	Land Use Category	AMPANG TINGGI		JELEI		JOHOL		JUASSEH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	832	838	254	265	1,967	1,954	1,392	1,335
2M	Market gardening	16	–	42	–	–	–	42	58
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	347	–	6,352	–	2,528	–	783	–
3Gm	Mature rubber	2,417	–	11,837	–	11,480	–	5,925	–
3Gs	Senile rubber	932	–	1,919	–	3,158	–	738	–
	Sub-total	3,696	3,607	20,108	17,323	17,166	15,099	7,446	7,189
30y	Young oil palm	–	–	850	–	–	–	50	–
30m	Mature oil palm	–	–	3,048	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	3,898	2,299	–	22	50	–
3Cy	Young coconut	–	–	14	–	–	–	–	–
3Cm	Mature coconut	–	–	1	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	15	9	–	4	–	10
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	13	–	6	–	21	–	16	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	2	12	–	–	2	31	32	47
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	3	–	–	12	8	7	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	927	139	20	19	2,272	2,108	1,372	1,351
4C	Diversified crops	–	–	198	–	492	31	24	12
4X	Shifting cultivation	–	–	198	124	40	4	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,489	5,396	24,739	20,051	21,968	19,260	10,374	10,002

Table NS 7.1 cont'd

Code	Land Use Category	KUALA JEMPOL		KEPIS		LANGKAP		PARIT TINGGI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,362	1,188	868	577	–	–	37	3
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	668	–	1,216	–	135	–	244	–
3Gm	Mature rubber	2,807	–	7,732	–	129	–	1,187	–
3Gs	Senile rubber	280	–	1,207	–	–	–	30	–
	Sub-total	3,755	3,539	10,155	10,174	264	63	1,461	1,584
30y	Young oil palm	3	–	502	–	–	–	–	–
30m	Mature oil palm	6	–	896	–	–	–	49	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	9	–	1,398	280	–	–	49	–
3Cy	Young coconut	4	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	10	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	4	54	10	–	–	6	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	31	8	3	3	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	8	–	15	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	11	–	–	–	–	3	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,471	1,128	562	340	–	–	–	–
4C	Diversified crops	20	3	73	7	–	–	14	4
4X	Shifting cultivation	–	–	–	–	219	444	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,652	5,939	13,069	11,396	483	513	1,564	1,591

Code	Land Use Category	PILAH		ROMPIN		SERTING ILIR		SERTING ULU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,217	637	489	20	89	36	1,042	914
2M	Market gardening	–	4	–	6	29	36	10	–
2E	Agricultural stations	–	–	–	–	–	–	–	20
3Gy	Young rubber	440	–	14,079	–	16	–	2,859	–
3Gm	Mature rubber	3,341	–	23,096	–	2,950	–	9,502	–
3Gs	Senile rubber	796	–	4,918	–	905	–	509	–
	Sub-total	4,577	5,000	42,093	37,095	3,871	5,748	12,870	9,854
30y	Young oil palm	10	–	2,898	–	951	–	8,420	–
30m	Mature oil palm	–	–	3,836	–	795	–	496	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	10	–	6,734	1,476	1,746	–	8,916	62
3Cy	Young coconut	–	–	–	–	17	–	9	–
3Cm	Mature coconut	–	–	–	–	–	–	16	–
3Cs	Senile coconut	–	–	3	–	–	–	–	–
	Sub-total	–	3	3	8	17	4	25	6
3N	Pineapple	–	–	671	–	2,586	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	12	–	51	–	17	6	14	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	5	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	5	–	–	3	6	–	2	3
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,109	1,000	–	–	132	131	1,025	761
4C	Diversified crops	15	13	26	–	354	36	479	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,945	6,657	50,067	38,613	8,847	5,997	24,383	11,626

Table NS 7.1 cont'd

Code	Land Use Category	SRI MENANTI		TERACHI		ULU JEMPUL		ULU MUAR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,217	1,660	1,485	1,810	1,217	1,253	1,497	1,351
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	315	–	521	–	162	–	899	–
3Gm	Mature rubber	4,835	–	4,114	–	3,734	–	4,848	–
3Gs	Senile rubber	1,161	–	1,165	–	526	–	1,105	–
	Sub-total	6,311	5,214	5,800	5,267	4,422	3,820	6,852	7,590
30y	Young oil palm	–	–	–	–	–	–	364	–
30m	Mature oil palm	–	–	–	–	–	–	1	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	364	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	6	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	12	6	19
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	6	–	–	6	3	5	8
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	66	95	–	–	62	94	21	29
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,468	1,571	1,518	1,535	1,717	1,807	1,376	1,385
4C	Diversified crops	8	–	30	–	37	3	–	16
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	9,070	8,546	8,833	8,612	7,461	6,992	10,122	10,398

Table NS 8
Summary of non-agricultural land use in the district of Port Dickson (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,282	2.3	2,893	2.0	+ 389
1E	Estate buildings and associated areas	1,000	0.7	913	0.6	+ 87
1T	Tin mining areas	900	0.6	771	0.5	+ 129
1X	Other mining and quarrying areas	–	–	–	–	–
1P	Power line right of way	623	0.4	187	0.1	+ 436
6	Grasslands	1,911	1.3	4,595	2.6	– 2,684
7F	Forest	7,248	5.0	15,470	10.8	– 8,222
7S	Scrub forest	3,205	2.2	2,817	2.6	+ 388
7C	Newly cleared land	5,621	3.9	457	0.3	+ 5,164
8	Swamps	15,022	10.4	11,833	8.2	+ 3,189
9	Unused land	1,102	0.8	2,053	1.4	– 951
UN	Unclassified	1,431	1.0	1,073	0.7	+ 358
	Total	41,345	28.7+	43,062	30.0*	– 1,717

+ Based on the district total of 143,968 acres

* Based on the district total of 143,655 acres

Table NS 81.
Summary of non-agricultural land use in the mukims of the district of Port Dickson (Negeri Sembilan)

Code	Land Use Category	JIMAH		LINGGI		PASIR PANJANG		PORT DICKSON		SI-RUSA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	91	300	153	100	272	179	1,390	1,123	1,379	1,191
1E	Estate buildings and associated areas	352	239	285	375	124	69	220	210	19	20
1T	Tin mining areas	–	–	207	55	–	–	693	716	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	224	–	113	141	–	–	273	7	13	39
6	Grasslands	392	849	298	1,722	423	793	588	981	210	250
7F	Forest	947	1,209	311	4,088	3,798	6,856	42	368	2,150	2,949
7S	Scrub forest	1,119	725	332	386	468	483	614	973	672	250
7C	Newly cleared land	1,383	163	1,725	41	1,252	71	660	160	601	22
8	Swamps	4,979	6,731	5,471	2,282	3,080	1,423	1,316	1,239	176	158
9	Unused land	–	154	–	–	478	692	204	704	420	503
UN	Unclassified	640	582	495	379	183	53	113	59	–	–
	Total	10,127	10,952	9,390	9,569	10,078	10,619	6,113	6,540	5,640	5,382

Table NS 9
Summary of agricultural land use in
the district of Port Dickson (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,127	2.2	2,375	1.7	+ 752
2M	Market gardening	264	0.2	231	0.2	+ 33
2E	Agricultural stations	—	—	6	—	— 6
3Gy	Young rubber	4,245	2.9	—	—	—
3Gm	Mature rubber	64,346	44.7	—	—	—
3Gs	Senile rubber	10,282	7.1	—	—	—
	Sub-total	78,873	54.7	94,340	65.7	— 15,467
30y	Young oil palm	6,297	4.4	—	—	—
30m	Mature oil palm	9,917	6.9	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	16,214	11.3	130	0.1	+ 16,084
3Cy	Young coconut	193	0.1	—	—	—
3Cm	Mature coconut	817	0.6	—	—	—
3Cs	Senile coconut	34	—	—	—	—
	Sub-total	1,044	0.7	1,169	0.8	— 125
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	42	—	51	—	— 9
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	208	0.1	68	0.1	+ 140
3F	Fibre crops	—	—	—	—	—
3S	Sago	21	—	—	—	+ 21
3B	Banana	—	—	—	—	—
3H	Fish ponds	18	—	10	—	+ 8
3R	Arecanut	—	—	—	—	—
4P	Padi	890	0.6	705	0.5	+ 185
4C	Diversified crops	1,922	1.3	1,508	1.1	+ 414
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	—	—	—	—	—
	Total	102,623	71.3+	100,593	70.0*	+ 2,030

+ Based on the district total of 143,968 acres

* Based on the district total of 143,655 acres

Table NS 9.1
Summary of agricultural land use in the mukims of the district of Port Dickson (Negeri Sembilan)

Code	Land Use Category	JIMAH		LINGGI	
		1974	1966	1974	1966
2H	Mixed horticulture	956	772	682	631
2M	Market gardening	–	28	79	34
2E	Agricultural stations	–	6	–	–
3Gy	Young rubber	809	–	1,610	–
3Gm	Mature rubber	17,125	–	23,147	–
3Gs	Senile rubber	2,980	–	4,404	–
	Sub-total	20,914	26,027	29,161	33,692
30y	Young oil palm	2,384	–	1,936	–
30m	Mature oil palm	3,611	–	2,338	–
30s	Senile oil palm	–	–	–	–
	Sub-total	5,995	130	4,274	–
3Cy	Young coconut	94	–	25	–
3Cm	Mature coconut	697	–	31	–
3Cs	Senile coconut	34	–	–	–
	Sub-total	825	686	56	4
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	42	43	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	32	8	57	16
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	3	–
3B	Banana	–	–	–	–
3H	Fish ponds	2	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	122	115	173	–
4C	Diversified crops	894	902	298	210
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	29,782	28,717	34,783	34,587

Code	Land Use Category	PASIR PANJANG		PORT DICKSON		SI-RUSA	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	584	329	594	377	311	266
2M	Market gardening	–	8	185	154	–	7
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	553	–	1,176	–	97	–
3Gm	Mature rubber	8,061	–	13,770	–	2,243	–
3Gs	Senile rubber	1,612	–	1,267	–	19	–
	Sub-total	10,226	12,316	16,213	19,540	2,359	2,765
30y	Young oil palm	899	–	1,070	–	8	–
30m	Mature oil palm	1,273	–	2,503	–	192	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	2,172	–	3,573	–	200	–
3Cy	Young coconut	43	–	17	–	14	–
3Cm	Mature coconut	61	–	22	–	6	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	104	153	39	137	20	189
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	8	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	–	–	–	–	–	–
3F	Fibre crops	68	33	28	8	23	3
3S	Sago	–	–	–	–	–	–
3B	Banana	4	–	14	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	16	10	–	–
4P	Padi	–	–	–	–	–	–
4C	Diversified crops	595	579	–	11	–	–
4X	Shifting cultivation	584	378	80	14	66	4
5	Improved permanent	–	–	–	–	–	–
	Total	14,337	13,796	20,742	20,259	2,979	3,234

Table NS 10
Summary of non-agricultural land use in the district of Rembau (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres	
		Total acres	% of district	Total acres	% of district		
1U	Urban and associated areas	425	0.4	387	0.4	+	38
1E	Estate buildings and associated areas	284	0.3	372	0.4	–	88
1T	Tin mining areas	–	–	–	–		–
1X	Other mining and quarrying areas	344	0.3	1	–	+	343
1P	Power line right of way	170	0.2	141	0.1	+	29
6	Grasslands	1,386	1.4	1,872	1.8	–	486
7F	Forest	30,816	30.9	34,972	35.1	–	4,156
7S	Scrub forest	3,636	3.6	3,274	3.4	+	362
7C	Newly cleared land	3,058	3.1	128	0.1	+	2,930
8	Swamps	557	0.5	877	0.9	–	320
9	Unused land	1,141	1.1	66	0.1	+	1,075
UN	Unclassified	112	0.1	153	0.1	–	41
	Total	41,929	42.1+	42,243	42.4*	–	314

+ Based on the district total of 99,560 acres

* Based on the district total of 99,537 acres

Table NS 10.1
Summary of non-agricultural land use in mukims of the district of Rembau (Negeri Sembilan)

Code	Land Use Category	BATU HAMPIR		BONGEK		CHEMBONG		CHENGKAU		GADONG		KUNDOR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	23	13	9	3	204	152	7	–	24	22	4	3
1E	Estate buildings and associated areas	–	2	–	–	31	30	5	6	68	47	5	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	1	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	70	54
6	Grasslands	128	191	46	39	91	187	51	108	135	126	103	151
7F	Forest	23	172	924	982	2,457	2,388	1,626	1,890	4,964	5,063	1,683	1,933
7S	Scrub forest	268	202	28	103	130	635	78	192	313	109	531	386
7C	Newly cleared land	12	–	5	53	324	–	95	3	22	4	142	–
8	Swamps	2	–	13	3	13	–	2	–	42	–	27	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	30
UN	Unclassified	–	–	–	–	–	–	–	–	–	–	–	–
	Total	456	580	1,025	1,183	3,250	3,392	1,864	2,199	5,568	5,374	2,565	2,557

Table NS 10.1 cont'd

Code	Land Use Category	LEGONG HILIR		LEGONG ULU		MIKU		NERASAU		PEDAS		PILIN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	26	15	2	5	–	–	5	6	65	76	–	2
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	118	188	17	30
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	339	–	–	–	–	–
1P	Power line right of way	8	4	–	–	–	–	–	–	–	–	–	–
6	Grasslands	–	8	29	10	177	24	32	55	241	529	99	34
7F	Forest	159	356	92	215	3,165	3,324	130	270	5,656	6,355	373	806
7S	Scrub forest	53	8	36	10	29	72	83	71	632	840	230	90
7C	Newly cleared land	1	–	11	–	33	–	61	–	291	22	870	3
8	Swamps	15	–	10	–	–	–	34	–	5	42	–	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	19
UN	Unclassified	–	–	–	–	–	3	–	–	13	14	–	9
	Total	262	391	180	240	3,404	3,423	684	402	7,021	8,066	1,589	993

Table NS 10.1 cont'd

Code	Land Use Category	SELEMAK		SEMERBOK		SEPERI		TANJONG KELING		TITIAN BINTANGOR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	25	2	–	–	5	12	7	–	19	76
1E	Estate buildings and associated areas	–	–	–	–	5	–	–	–	35	69
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	5	–	–	–	–	–
1P	Power line right of way	–	–	40	29	–	–	–	–	52	54
6	Grasslands	19	75	37	8	41	8	84	96	73	223
7F	Forest	2,484	2,675	258	418	4,358	4,122	698	726	1,766	3,277
7S	Scrub forest	245	126	261	8	14	122	76	181	629	119
7C	Newly cleared land	19	37	51	–	101	–	122	6	898	–
8	Swamps	16	7	4	–	–	–	19	–	355	825
9	Unused land	–	–	–	–	–	–	–	–	1,141	17
UN	Unclassified	–	–	–	17	–	–	–	–	99	110
	Total	2,808	2,922	651	480	4,529	4,264	1,006	1,009	5,067	4,770

Table NS 11
Summary of agricultural land use in the district of Rembau (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,316	5.3	6,043	6.1	– 727
2M	Market gardening	4	–	3	–	+ 1
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	4,919	4.9	–	–	–
3Gm	Mature rubber	32,616	32.8	–	–	–
3Gs	Senile rubber	6,359	6.4	–	–	–
	Sub-total	43,894	44.1	44,310	44.5	– 416
30y	Young oil palm	952	1.0	–	–	–
30m	Mature oil palm	65	0.1	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	1,017	1.1	–	–	+ 1,017
3Cy	Young coconut	23	–	–	–	–
3Cm	Mature coconut	73	0.1	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	96	0.1	24	–	+ 72
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	95	0.1	60	0.1	+ 35
3F	Fibre crops	–	–	–	–	–
3S	Sago	362	0.4	304	0.3	+ 58
3B	Banana	–	–	–	–	–
3H	Fish ponds	6	–	3	–	+ 3
3R	Arecanut	–	–	–	–	–
4P	Padi	6,587	6.6	6,522	6.6	+ 65
4C	Diversified crops	207	0.2	25	–	+ 182
4X	Shifting cultivation	33	–	–	–	+ 33
5	Improved permanent pasture	14	–	–	–	+ 14
	Total	57,631	57.9+	57,294	57.6*	+ 337

+ Based on the district total of 99,560 acres

* Based on the district total of 99,537 acres

Table NS 11.1
Summary of agricultural land use in the mukims of the district of Rembau (Negeri Sembilan)

Code	Land Use Category	BATU HAMPIR		BONGEK	
		1974	1966	1974	1966
2H	Mixed horticulture	328	312	292	315
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	45	–	33	–
3Gm	Mature rubber	712	–	758	–
3Gs	Senile rubber	3	–	130	–
	Sub-total	760	659	921	728
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	–	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	–	–	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	1	–	8	–
3F	Fibre crops	–	–	–	–
3S	Sago	42	61	2	11
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	336	312	217	231
4C	Diversified crops	1	–	3	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	1,468	1,344	1,443	1,285

Code	Land Use Category	CHEMBONG		CHENGKAU		GADONG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	489	553	329	266	373	582
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	54	–	77	–	191	–
3Gm	Mature rubber	1,278	–	1,978	–	2,534	–
3Gs	Senile rubber	351	–	216	–	174	–
	Sub-total	1,683	1,449	2,271	2,022	2,899	3,246
30y	Young oil palm	–	–	–	–	232	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	73	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	6	–	5	73	6
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	3	16	7	7	8	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	20	29	3	4	100	74
3B	Banana	–	–	–	–	–	8
3H	Fish ponds	–	–	3	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	430	481	369	378	587	581
4C	Diversified crops	35	6	58	–	29	–
4X	Shifting cultivation	22	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	2,682	2,540	3,040	2,682	4,301	4,497

Table NS 11.1 cont'd

Code	Land Use Category	KUNDOR		LEGONG HILIR		LEGONG ULU		MIKU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	292	312	221	199	138	100	49	46
2M	Market gardening	–	3	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	316	–	220	–	94	–	18	–
3Gm	Mature rubber	2,466	–	240	–	802	–	106	–
3Gs	Senile rubber	164	–	1,135	–	166	–	–	–
	Sub-total	2,946	3,036	1,595	1,418	1,062	1,050	124	122
30y	Young oil palm	–	–	3	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	3	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	–	–	–	–	–	–
3F	Fibre crops	–	4	2	–	9	–	–	–
3S	Sago	28	–	–	–	–	–	–	–
3B	Banana	–	–	26	18	32	14	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	339	258	331	414	172	189	138	124
4C	Diversified crops	–	–	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,605	3,613	2,178	2,049	1,413	1,353	311	292

Table NS 11.1 cont'd

Code	Land Use Category	NERASAU		PEDAS		PILIN		SELEMAK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	–	243	419	614	216	185	482	458
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	91	–	1,320	–	394	–	47	–
3Gm	Mature rubber	841	–	8,670	–	2,355	–	982	–
3Gs	Senile rubber	731	–	630	–	135	–	61	–
	Sub-total	1,663	1,679	10,620	9,662	2,884	3,584	1,090	964
30y	Young oil palm	–	–	396	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	396	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	7	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	14	–	–	3	2	–	4	3
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	5	22	2	5	2	–	4	3
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	3	–	–	–	–	3
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	421	454	520	648	204	135	559	596
4C	Diversified crops	20	–	17	–	–	–	2	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improving permanent pasture	–	–	–	–	–	–	–	–
	Total	2,123	2,405	11,977	10,932	3,308	3,904	2,141	2,027

Code	Land Use Category	SEMERBOK		SEPERI		TANJONG KELING		TITIAN BINTANGOR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	184	139	290	512	430	483	784	716
2M	Market gardening	–	–	–	–	4	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,156	–	25	–	121	–	717	–
3Gm	Mature rubber	560	–	516	–	1,086	–	6,732	–
3Gs	Senile rubber	708	–	227	–	219	–	1,309	–
	Sub-total	2,424	2,959	768	800	1,426	1,401	8,758	9,531
30y	Young oil palm	158	–	–	–	–	–	163	–
30m	Mature oil palm	19	–	–	–	–	–	46	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	177	–	–	–	–	–	209	–
3Cy	Young coconut	–	–	–	–	–	–	23	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	23	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	15	–	–	–	13	24	9	3
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	26	12	46	30	24	21
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	218	91	448	480	361	352	937	798
4C	Diversified crops	–	–	7	–	2	–	33	19
4X	Shifting cultivation	–	–	–	–	11	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	14	–
	Total	3,018	3,189	1,539	1,804	2,293	2,290	10,791	11,088

Table NS 12
Summary of non-agricultural land use in the district of Seremban (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	6,169	2.6	5,526	2.4	+ 643
1E	Estate buildings and associated areas	950	0.4	1,178	0.5	— 228
1T	Tin mining areas	1,455	0.6	1,282	0.5	+ 173
1X	Other mining and quarrying areas	137	0.1	46	—	+ 91
1P	Power line right of way	938	0.4	924	0.4	+ 14
6	Grasslands	11,063	4.7	13,529	5.7	— 2,466
7F	Forest	58,328	24.8	62,058	26.4	— 3,730
7S	Scrub forest	7,950	3.4	16,043	6.8	— 8,093
7C	Newly cleared land	7,690	3.3	2,620	1.1	+ 5,070
8	Swamps	2,118	0.9	1,878	0.8	+ 240
9	Unused land	—	—	—	—	—
UN	Unclassified	559	0.2	651	0.3	— 92
	Total	97,357	41.3[+]	105,735	45.0[*]	— 8,378

+ Based on the district total of 235,609 acres

* Based on the district total of 235,212 acres

Table NS 12.1
Summary of non-agricultural land use in the mukims of the district of Seremban (Negeri Sembilan)

Code	Land Use Category	AMPANGAN		LABU	
		1974	1966	1974	1966
1U	Urban and associated areas	620	430	212	555
1E	Estate buildings and associated areas	12	31	216	327
1T	Tin mining areas	626	652	–	9
1X	Other mining and quarrying areas	44	8	–	3
1P	Power line right of way	100	122	149	–
6	Grasslands	982	1,054	1,557	2,264
7F	Forest	8,603	8,735	7,800	11,451
7S	Scrub forest	1,217	2,571	1,207	2,224
7C	Newly cleared land	1,119	323	465	381
8	Swamps	12	–	441	830
9	Unused land	–	–	–	–
UN	Unclassified	68	79	8	27
	Total	13,403	14,005	12,055	18,071

Table NS 12.1 cont'd

Code	Land Use Category	LENGGENG		PANTAI		RASAH		RANTAU		SEREMBAN		SETUL	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	84	29	27	86	375	284	360	285	4,264	3,563	227	294
1E	Estate buildings and associated areas	48	107	–	5	59	107	503	454	13	8	99	139
1T	Tin mining areas	–	–	329	238	8	32	466	334	–	8	26	9
1X	Other mining and quarrying areas	–	–	–	–	–	–	10	–	71	29	12	6
1P	Power line right of way	–	–	–	–	127	53	288	263	49	133	225	353
6	Grasslands	2,965	2,939	532	819	712	848	715	1,871	964	735	2,636	2,999
7F	Forest	14,951	15,690	16,283	15,661	8	148	78	578	1,514	1,776	9,091	8,019
7S	Scrub forest	1,503	2,108	1,770	2,579	271	787	278	1,750	907	1,414	797	2,610
7C	Newly cleared land	1,036	234	562	233	657	–	2,059	599	733	26	1,059	824
8	Swamps	326	55	–	–	40	84	968	567	–	11	331	331
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	2	13	64	27	74	104	222	206	63	77	58	118
	Total	20,915	21,175	19,567	19,648	2,331	2,447	5,947	6,907	8,578	7,780	14,561	15,702

Table NS 13
Summary of agricultural land use in the district of Seremban (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,710	2.8	7,190	3.1	− 480
2M	Market gardening	363	0.1	139	0.1	+ 224
2E	Agricultural stations	−	−	−	−	−
3Gy	Young rubber	8,337	3.5	−	−	−
3Gm	Mature rubber	93,359	39.6	−	−	−
3Gs	Senile rubber	10,322	4.4	−	−	−
	Sub-total	112,018	47.5	115,911	49.3	− 3,893
30y	Young oil palm	4,527	1.9	−	−	−
30m	Mature oil palm	6,170	2.6	−	−	−
30s	Senile oil palm	−	−	−	−	−
	Sub-total	10,697	4.5	775	0.3	+ 9,922
3Cy	Young coconut	392	0.2	−	−	−
3Cm	Mature coconut	64	−	−	−	−
3Cs	Senile coconut	2	−	−	−	−
	Sub-total	458	0.2	62	−	+ 396
3N	Pineapple	3	−	−	−	+ 3
3T	Tea	−	−	−	−	−
3K	Coffee	19	−	42	−	− 23
3A	Cocoa	−	−	−	−	−
3P	Pepper	−	−	−	−	−
3Y	Sugarcane	−	−	−	−	−
3X	Orchards	889	0.4	174	0.1	+ 715
3F	Fibre crops	−	−	−	−	−
3S	Sago	106	−	136	0.1	− 30
3B	Banana	−	−	−	−	−
3H	Fish ponds	505	0.2	314	0.1	+ 191
3R	Arecanut	−	−	−	−	−
4P	Padi	3,714	1.6	4,509	1.9	− 795
4C	Diversified crops	2,053	0.9	116	0.1	+ 1,937
4X	Shifting cultivation	3	−	−	−	+ 3
5	Improved permanent pasture	714	0.3	109	0.1	+ 605
	Total	138,252	58.7+	129,477	55.0*	+ 8,775

+ Based on the district total of 235,609 acres

* Based on the district total of 235,212 acres

Table NS 13.1
Summary of agricultural land use in the mukims of the district of Seremban (Negeri Sembilan)

Code	Land Use Category	AMPANGAN		LABU		LENGGENG		PANTAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	580	403	2,017	1,625	1,248	1,376	448	439
2M	Market gardening	90	34	83	36	–	–	–	17
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	569	–	1,836	–	1,103	–	564	–
3Gm	Mature rubber	5,303	–	25,428	–	9,483	–	3,266	–
3Gs	Senile rubber	500	–	2,331	–	1,051	–	303	–
	Sub-total	6,372	6,328	29,595	28,942	11,637	11,267	4,133	4,168
30y	Young oil palm	–	–	1,668	–	111	–	15	–
30m	Mature oil palm	–	–	2,695	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	4,363	775	111	–	15	–
3Cy	Young coconut	–	–	390	–	2	–	–	–
3Cm	Mature coconut	–	–	46	–	4	–	–	–
3Cs	Senile coconut	–	–	2	–	–	–	–	–
	Sub-total	–	–	438	7	6	7	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	42	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	52	4	492	37	53	6	13	13
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	28	33	20	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	68	50	54	25	–	–	6	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	855	1,126	1,654	2,034	258	228
4C	Diversified crops	223	–	549	–	263	–	73	–
4X	Shifting cultivation	3	–	–	–	–	–	–	–
5	Improved permanent pasture	151	109	492	–	–	–	–	–
	Total	7,539	6,928	38,966	32,606	14,992	14,732	4,946	4,865

Table NS 13.1 cont'd

Code	Land Use Category	RASAH		RANTAU		SEREMBAN		SETUL	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	238	462	1,056	1,322	362	543	761	1,020
2M	Market gardening	41	–	46	27	97	25	6	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,014	–	1,353	–	87	–	1,811	–
3Gm	Mature rubber	8,605	–	21,499	–	3,787	–	15,988	–
3Gs	Senile rubber	613	–	3,588	–	608	–	1,328	–
	Sub-total	10,232	10,204	26,440	30,208	4,482	5,323	19,127	19,470
30y	Young oil palm	40	–	2,247	–	96	–	350	–
30m	Mature oil palm	–	–	2,692	–	–	–	783	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	40	–	4,939	–	96	–	1,133	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	3	–	–	–	11	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	3	–	–	–	11	48
3N	Pineapple	–	–	–	–	–	–	3	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	19	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	54	15	46	47	8	8	171	44
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	2	5	53	86	–	–	3	12
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	165	99	45	50	51	71	116	19
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	62	33	728	847	–	–	157	241
4C	Diversified crops	100	–	174	47	70	–	601	69
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	64	–	7	–	–	–
	Total	10,934	10,818	33,594	32,634	5,173	5,970	22,108	20,923

Table NS 14
Summary of non-agricultural land use in the district of Tampin (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,285	0.6	1,077	0.5	+ 208
1E	Estate buildings and associated areas	588	0.3	403	0.2	+ 185
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	42	–	7	–	+ 35
1P	Power line right of way	349	0.2	169	0.1	+ 180
6	Grasslands	5,829	2.8	10,957	5.2	– 5,128
7F	Forest	98,036	46.5	115,860	55.0	– 17,824
7S	Scrub forest	10,776	5.1	7,749	3.7	+ 3,027
7C	Newly cleared land	9,120	4.3	5,086	2.4	+ 4,034
8	Swamps	868	0.4	756	0.4	+ 112
9	Unused land	–	–	22	–	– 22
UN	Unclassified	807	0.4	1,047	0.5	– 240
	Total	127,700	60.5+	143,133	67.9*	– 15,433

+ Based on the district total of 211,024 acres

* Based on the district total of 210,838 acres

Table NS 14.1
Summary of non-agricultural land use in the mukims of the district of Tampin (Negeri Sembilan)

Code	Land Use Category	AYER KUNING		GEMENCHEH	
		1974	1966	1974	1966
1U	Urban and associated areas	69	28	169	247
1E	Estate buildings and associated areas	114	174	319	189
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	28	–
1P	Power line right of way	–	–	–	–
6	Grasslands	1,135	3,615	1,621	3,060
7F	Forest	16,295	17,852	21,695	28,736
7S	Scrub forest	3,008	514	3,934	3,594
7C	Newly cleared land	1,525	2,071	2,264	529
8	Swamps	20	–	164	3
9	Unused land	–	–	–	10
UN	Unclassified	30	–	145	158
	Total	22,196	24,254	30,339	36,526

Table NS 14.1 cont'd

Code	Land Use Category	GEMAS		KERU		REPAH		TAMPIN TENGAH		TEBONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	596	416	2	–	4	–	440	381	5	5
1E	Estate buildings and associated areas	135	21	–	–	20	17	–	2	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	4	–	10	7	–	–
1P	Power line right of way	349	169	–	–	–	–	–	–	–	–
6	Grasslands	1,502	2,580	209	347	943	1,042	161	212	258	101
7F	Forest	42,092	49,883	1,839	2,199	7,744	8,347	490	496	7,881	8,347
7S	Scrub forest	1,526	1,970	580	389	791	595	422	161	515	526
7C	Newly cleared land	5,045	2,460	202	–	48	10	29	16	7	–
8	Swamps	637	753	24	–	7	–	–	–	16	–
9	Unused land	–	12	–	–	–	–	–	–	–	–
UN	Unclassified	601	889	–	–	12	–	19	–	–	–
	Total	52,483	59,153	2,856	2,935	9,573	10,011	1,571	1,275	8,682	8,979

Table NS 15
Summary of agricultural land use in the district of Tampin (Negeri Sembilan)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,627	1.7	2,549	1.2	+ 1,080
2M	Market gardening	23	–	23	–	–
2E	Agricultural stations	7	–	–	–	+ 7
3Gy	Young rubber	7,896	3.7	–	–	–
3Gm	Mature rubber	57,481	27.2	–	–	–
3Gs	Senile rubber	4,792	2.3	–	–	–
	Sub-total	70,169	33.3	61,985	29.4	+ 8,184
30y	Young oil palm	3,977	1.9	–	–	–
30m	Mature oil palm	874	0.4	–	–	–
30s	Senile oil palm	156	0.1	–	–	–
	Sub-total	5,007	2.6	501	0.2	+ 4,506
3Cy	Young coconut	37	–	–	–	–
3Cm	Mature coconut	84	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	121	–	92	–	+ 29
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	5	–	–	–	+ 5
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	271	0.1	52	–	+ 219
3F	Fibre crops	–	–	–	–	–
3S	Sago	76	–	78	–	– 2
3B	Banana	–	–	–	–	–
3H	Fish ponds	8	–	–	–	+ 8
3R	Arecanut	–	–	–	–	–
4P	Padi	2,681	1.3	2,425	1.2	+ 256
4C	Diversified crops	641	0.3	–	–	+ 641
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	688	0.3	–	–	+ 688
	Total	83,324	39.5+	67,705	32.1*	+ 15,619

+ Based on the district total of 211,024 acres

* Based on the district total of 210,838 acres

Table NA 15.1
Summary of agricultural land use in the mukims of the district of Tampin (Negeri Sembilan)

Code	Land Use Category	AYER KUNING		GEMENCHEH		GEMAS	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	528	435	1,463	1,410	982	267
2M	Market gardening	6	–	–	–	–	6
2E	Agricultural stations	–	–	7	–	–	–
3Gy	Young rubber	2,013	–	3,001	–	1,261	–
3Gm	Mature rubber	12,800	–	25,811	–	11,448	–
3Gs	Senile rubber	794	–	2,107	–	724	–
	Sub-total	15,607	15,466	30,919	27,567	13,433	8,754
30y	Young oil palm	1,836	–	1,929	–	183	–
30m	Mature oil palm	–	–	456	–	158	–
30s	Senile oil palm	–	–	1	–	–	–
	Sub-total	1,836	–	2,386	72	341	–
3Cy	Young coconut	10	–	–	–	–	–
3Cm	Mature coconut	44	–	5	–	23	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	54	43	5	27	23	17
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	5	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	9	–	167	23	50	26
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	74	78	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	8	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	244	282	1,201	1,105	516	284
4C	Diversified crops	2	–	316	–	11	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	20	–	668	–
	Total	18,286	16,225	36,571	30,282	16,024	9,354

Table NS 15.1 cont'd

Code	Land Use Category	KERU		REPAH		TAMPIN TENGAH		TEBONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	161	95	278	150	134	132	81	60
2M	Market gardening	–	–	–	1	17	16	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	262	–	1,059	–	92	–	208	–
3Gm	Mature rubber	2,413	–	3,215	–	1,339	–	455	–
3Gs	Senile rubber	357	–	211	–	466	–	133	–
	Sub-total	3,032	3,020	4,485	4,312	1,897	2,293	796	573
30y	Young oil palm	29	–	–	–	–	–	–	–
30m	Mature oil palm	260	–	–	–	–	–	–	–
30s	Senile oil palm	155	–	–	–	–	–	–	–
	Sub-total	444	423	–	–	–	–	–	6
3Cy	Young coconut	–	–	–	–	–	–	27	–
3Cm	Mature coconut	5	–	–	–	–	–	7	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	5	5	–	–	–	–	34	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	23	–	7	3	15	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	2	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	208	244	204	227	133	114	175	169
4C	Diversified crops	23	–	165	–	100	–	24	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,875	3,787	5,155	4,690	2,288	2,558	1,125	808

THE PRESENT LAND USE OF PAHANG

The General Pattern

Forest and swamps occupy the major portion of Pahang State. Two extensive areas of forest have been utilized as game reserves. These are the Taman Negara, covering some 2,481 km^2 (958 sq. miles) in northern Pahang and the Klau Game Reserve, occupying about 650 km^2 (251 sq. miles) of forest land in the southwest. Swamps occur extensively on the coastal plain and in the Tasek Bera region in the southwest.

Urban and agricultural development have been concentrated in the northern part of the coastal plain; the banks and levees of rivers, particularly the Sungai Pahang; the interior valleys and the more accessible areas served by roads and railways located mainly in the western and south-western regions of the State. The pattern of development varies somewhat from the coast to inland areas. Fishing villages, sited on more favourable locations along the coast, are usually surrounded by coconut smallholdings. Swampy sites in the immediate neighbourhood of the settlements are often utilized for single-cropping padi in the absence of irrigation facilities. On river banks and levees as well as the interior valleys the pattern of land use changes; while padi-fields still occupy the inundated valley floors, the higher sites, where the dwellings of settlers are located, are utilized for the cultivation of mixed crops including coconuts, fruit trees, bananas, tapioca, vegetables and few rubber trees. Generally, rubber is cultivated in contiguous blocks of more than a few hectares. Further inland, in locations accessible by road and rail, mainly in the western and south-western parts of the State, rubber is predominant with oil palm occupying substantial portions of previously forested land. It is in these areas e.g. the Jengka Triangle, that organized clearing and development of previously forested land for rubber and oil palm cultivation on a large scale commercial basis has taken place. While most of the highland region is forested an exception to the rule is the Cameron Highlands area where highland tea and temperate type market and floriculture gardens have been developed extensively.

The land use area is 9,038 acres (3,660 ha) larger than the physical area because of the adoption of the crop equivalent factor, which is explained in the section on the Methodology of Survey. Most of the intercropping giving rise to this increase in land use acreage is between rubber, coconut and orchards, on the one hand, and mixed horticulture, diversified crops and scrub forest, on the other.

Post – 1966 Developments

The establishment of the district of Rompin increases the number of districts in the State of Pahang to nine. This action has also resulted in a reduction of the area of Pekan District through the loss of the mukims of Keratong and Rompin to the new district. In terms of physical area the establishment of the district of Rompin has reduced the area of Pekan District by 986,061 acres (399,355 ha).

While there is no change in physical area of the State, there is, however, an overall net increase in the land use area of 9,031 acres (3,658 ha). This is an indication of increased intensity of land use arising from the intermixture between rubber, coconut and orchards, on the one hand, and mixed horticulture, diversified crops and scrub forest, on the other.

Total cultivated area in the State has changed from 598,097 acres (242,229 ha) in 1966 (Table PH 1) to 1,138,483 acres (461,086 ha) in 1974, an increase of 540,386 acres (218,856 ha). This increase, however, does not take into consideration areas that have recently been cleared and earmarked for agriculture. Such land, totalling 173,889 acres (70,425 ha), have increased by 132,375 acres (53,612 ha) over the 1966 total. Inclusion of the newly cleared areas to the cultivated acreage brings the total area devoted to agriculture to 1,312,372 acres (531,511 ha) which is 672,761 acres (272,468 ha) larger than the 1966 total of 639,611 acres (259,042 ha) (Siew, 1970a).

Detail changes in land use at the State, district, and mukim levels are given in Tables PH 2 to PH 21.

Table PH 1
The land use summary of the State of Pahang

Description	1974	1966	Increase (+) or decrease (−) over 1966 total acres
	acres	acres	
Total physical area	8,890,848	8,890,848	—
Total land use area	8,899,836*	8,890,855	+ 9,031
Cultivated area	1,138,483	598,097	+ 540,386
Newly cleared land	173,889X	41,514	+ 132,375
Total agricultural land	1,312,372	639,611	+ 672,761

* The land use acreage in 1974 is 9,038 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. The difference in 1966 was 7 acres.

X Areas cleared for urban use, amounting to 312 acres, have been excluded.

Table PH 2
Summary of non-agricultural land use in the State of Pahang

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	16,846	0.2	9,227	0.1	+ 7,619
1E	Estate buildings and associated areas	5,217	0.1	1,744	–	+ 3,473
1T	Tin mining areas	7,017	0.1	2,896	–	+ 4,121
1X	Other mining and quarrying areas	3,375	–	1,236	–	+ 2,139
1P	Power line right of way	2,157	–	352	–	+ 1,805
6	Grasslands	129,782	1.5	179,466	2.0	– 49,684
7F	Forest	6,212,343	69.8	6,824,906	76.8	– 612,563
7S	Scrub forest	307,626	3 5	307,707	3.5	– 81
7C	Newly cleared land	174,201	2.0	41,514	0.5	+ 132,687
8	Swamps	817,600	9.2	831,168	9.3	– 13,568
9	Unused land	9,793	0.1	17,423	0.2	– 7,630
UN	Unclassified	75,446	0.8	75,118	0.8	+ 328
	Total	7,761,403	87.2+	8,292,757	93.3*	– 531,354

\+ Based on the State total of 8,899,886 acres

* Based on the State total of 8,890,855 acres

Table PH 3
Summary of agricultural land use in the State of Pahang

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	72,705	0.8	49,787	0.6	+ 22,918
2M	Market gardening	2,071	—	1,680	—	+ 391
2E	Agricultural stations	780	—	319	—	+ 461
3Gy	Young rubber	100,279	1.1	—	—	—
3Gm	Mature rubber	475,638	5.3	—	—	—
3Gs	Senile rubber	77,117	0.9	—	—	—
	Sub-total	653,034	7.3	466,646	5.2	+ 186,388
30y	Young oil palm	190,595	2.1	—	—	—
30m	Mature oil palm	115,300	1.3	—	—	—
30s	Senile oil palm	45	0.9	—	—	—
	Sub-total	305,940	3.4	12,157	0.1	+ 293,783
3Cy	Young coconut	2,579	—	—	—	—
3Cm	Mature coconut	9,619	0.1	—	—	—
3Cs	Senile coconut	463	—	—	—	—
	Sub-total	12,661	0.1	6,822	0.1	+ 5,839
3N	Pineapple	1	—	3	—	— 2
3T	Tea	5,974	0.1	5,314	0.1	+ 660
3K	Coffee	16	—	—	—	+ 16
3A	Cocoa	4,448	—	—	—	+ 4,448
3P	Pepper	35	—	—	—	+ 35
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	4,189	—	461	—	+ 3,728
3F	Fibre crops	—	—	376	—	— 376
3S	Sago	65	—	57	—	+ 8
3B	Banana	—	—	—	—	—
3H	Fish ponds	45	—	64	—	— 19
3R	Arecanut	—	—	—	—	—
4P	Padi	61,469	0.7	44,222	0.5	+ 17,247
4C	Diversified crops	12,202	0.1	1,540	—	+ 10,662
4X	Shifting cultivation	2,848	0.1	8,650	0.1	— 5,802
5	Improved permanent pasture	—	—	—	—	—
	Total	1,138,483	12.8+	598,098	6.7*	+ 540,385

+ Based on the State total of 8,899,886 acres

* Based on the State total of 8,890,855 acres

Table PH 4
Summary of non-agricultural land use in the district of Bentong (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,338	0.3	1,091	0.2	+ 247
1E	Estate buildings and associated areas	817	0.2	310	0.1	+ 507
1T	Tin mining areas	872	0.2	400	0.1	+ 417
1X	Other mining and quarrying areas	5	–	3	–	+ 2
1P	Power line right of way	599	0.1	–	–	+ 599
6	Grasslands	6,971	1.5	12,246	2.7	– 5,275
7F	Forest	288,913	63.6	327,452	72.0	– 38,539
7S	Scrub forest	12,027	2.6	11,875	2.6	+ 152
7C	Newly cleared land	15,911	3.5	2,577	0.6	+ 13,334
8	Swamps	1,785	0.4	3,514	0.8	– 1,729
9	Unused land	–	–	48	–	– 48
UN	Unclassified	1,848	0.4	2,252	0.5	– 404
	Total	331,086	72.9+	361,768	79.7*	– 30,682

+ Based on the district total of 454,141 acres

* Based on the district total of 454,141 acres

Table PH 4.1
Summary of non-agricultural land use in the mukims of the district of Bentong (Pahang)

Code	Land Use Category	BENTONG		PELANGAI		SABAI	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	899	893	178	77	261	121
1E	Estate buildings and associated areas	101	13	449	54	267	243
1T	Tin mining areas	78	–	526	307	268	93
1X	Other mining and quarrying areas	–	–	5	–	–	3
1P	Power line right of way	363	–	–	–	236	–
6	Grasslands	1,465	6,850	3,163	2,960	2,343	2,436
7F	Forest	117,451	122,069	42,360	63,240	129,102	142,143
7S	Scrub forest	4,301	5,728	4,333	2,932	3,393	3,215
7C	Newly cleared land	3,891	84	3,180	880	8,840	1,613
8	Swamps	827	1,044	828	1,160	130	1,310
9	Unused land	–	–	–	–	–	48
UN	Unclassified	688	610	246	429	914	1,213
	Total	130,064	137,291	55,268	72,039	145,754	152,438

Table PH 5
Summary of agricultural land use in the district of Bentong (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,392	0.7	1,908	0.4	+ 1,484
2M	Market gardening	81	–	28	–	+ 53
2E	Agricultural stations	–	–	3	–	– 3
3Gy	Young rubber	12,010	2.6	–	–	–
3Gm	Mature rubber	74,606	16.4	–	–	–
3Gs	Senile rubber	12,538	2.8	–	–	–
	Sub-total	99,154	–	88,534	19.5	+ 10,620
30y	Young oil palm	6,222	1.4	–	–	–
30m	Mature oil palm	9,967	2.2	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	16,189	–	–	–	+ 16,189
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	806	0.2	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	806	–	–	–	+ 806
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	270	0.1	96	–	+ 174
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	6	–	– 6
3B	Banana	–	–	–	–	–
3H	Fish ponds	22	–	17	–	+ 5
3R	Arecanut	–	–	–	–	–
4P	Padi	2,277	0.5	1,113	0.2	+ 1,164
4C	Diversified crops	834	0.2	589	0.1	+ 245
4X	Shifting cultivation	30	–	79	–	– 49
5	Improved permanent pasture	–	–	–	–	–
	Total	123,055	27.1+	92,373	20.3*	+ 30,682

+ Based on the district total of 454,141 acres

* Based on the district total of 454,141 acres

Table PH 5.1
Summary of agricultural land use in the mukims of the district of Bentong (Pahang)

Code	Land Use Category	BENTONG		PELANGAI		SABAI	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,620	720	919	573	853	615
2M	Market gardening	81	25	–	3	–	–
2E	Agricultural stations	–	–	–	–	–	3
3Gy	Young rubber	3,108	–	3,031	–	5,871	–
3Gm	Mature rubber	26,554	–	17,101	–	30,951	–
3Gs	Senile rubber	7,464	–	799	–	4,275	–
	Sub-total	37,126	33,655	4,931	14,726	41,097	40,153
30y	Young oil palm	1,980	–	23	–	4,219	–
30m	Mature oil palm	228	–	9,650	–	89	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	2,208	–	9,673	–	4,308	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	6	–	–	–	800	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	6	–	–	–	800	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	83	9	93	56	94	31
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	6	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	16	17	1	–	5	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	953	390	811	491	513	232
4C	Diversified crops	513	504	236	44	85	41
4X	Shifting cultivation	26	79	–	–	4	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	42,632	35,405	32,664	15,893	47,759	41,075

Table PH 6
Summary of non-agricultural land use in the district of Cameron Highlands (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	623	0.4	741	0.4	– 118
1E	Estate buildings and associated areas	157	0.1	141	0.1	+ 16
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	8	–	5	–	+ 3
1P	Power line right of way	139	0.1	147	0.1	– 8
6	Grasslands	527	0.3	2,456	1.4	– 1,929
7F	Forest	153,568	90.9	136,691	81.0	+ 15,881
7S	Scrub forest	4,907	2.9	20,556	12.2	– 14,820
7C	Newly cleared land	114	0.1	124	0.1	– 10
8	Swamps	–	–	–	–	–
9	Unused land	–	–	–	–	–
UN	Unclassified	504	0.3	476	0.3	+ 28
	Total	160,547	95.1+	161,337	95.6*	– 790

+ Based on the district total of 168,891 acres

* Based on the district total of 168,792 acres

Table PH 6.1
Summary of non-agricultural land use in the mukims of the district of Cameron Highlands (Pahang)

Code	Land Use Category	RINGLET		TANAH RATA		ULU TELOM	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	119	261	430	394	74	86
1E	Estate buildings and associated areas.	47	34	41	44	69	63
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	8	5	–	–	–	–
1P	Power line right of way	11	14	45	32	83	101
6	Grasslands	61	850	42	158	424	1,448
7F	Forest	6,756	7,090	3,736	3,696	143,076	125,905
7S	Scrub forest	982	919	455	426	3,470	19,211
7C	Newly cleared land	94	34	–	–	20	90
8	Swamps	–	–	–	–	–	–
9	Unused land	–	–	–	–	–	–
UN	Unclassified	99	10	–	–	405	466
	Total	8,177	9,217	4,749	4,750	147,621	147,370

Table PH 7
Summary of agricultural land use in the district of Cameron Highlands (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	127	0.1	4	–	+ 123
2M	Market gardening	1,851	1.1	1,366	0.8	+ 485
2E	Agricultural stations	111	0.1	105	0.1	+ 6
3Gy	Young rubber	–	–	–	–	–
3Gm	Mature rubber	–	–	–	–	–
3Gs	Senile rubber	–	–	–	–	–
	Sub-total	–	–	–	–	–
30y	Young oil palm	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	–	–	–	–	–
3N	Pineapple	5,974	3.5	5,314	3.1	+ 660
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	215	0.1	38	–	+ 177
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	–	–	–	–	–
4C	Diversified crops	–	–	3	–	– 3
4X	Shifting cultivation	66	–	625	0.4	– 559
5	Improved permanent pasture	–	–	–	–	–
	Total	8.344	4.9+	7,455	4.4*	+ 889

+ Based on the district total of 168,891 acres

* Based on the district total of 168,792 acres

Table PH 7.1
Summary of agricultural land use in the mukims of the district of Cameron Highlands (Pahang)

Code	Land Use Category	RINGLET		TANAH RATA		ULU TELOM	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	127	–	–	–	–	4
2M	Market gardening	655	346	61	60	1,135	960
2E	Agricultural stations	3	–	108	105	–	–
3Gy	Young rubber	–	–	–	–	–	–
3Gm	Mature rubber	–	–	–	–	–	–
3Gs	Senile rubber	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–
30s	Senile coconut	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	2,770	2,256	–	–	3,204	3,058
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	212	28	–	–	3	10
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–
4C	Diversified crops	–	–	–	3	–	–
4X	Shifting cultivation	–	–	–	–	64	625
5	Improved permanent pasture	–	–	–	–	–	–
	Total	3,769	2,630	169	168	4,406	4,657

Table PH 8
Summary of non-agricultural land use in the district of Jerantut (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	866	–	487	–	+ 379
1E	Estate buildings and associated areas	289	–	43	–	+ 246
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	96	–	145	–	– 49
1P	Power line right of way	–	–	–	–	–
6	Grasslands	23,565	1.3	26,771	1.5	– 3,206
7F	Forest	1,572,267	87.3	1,678,781	92.8	– 106,514
7S	Scrub forest	28,502	1.6	31,031	1.7	– 2,529
7C	Newly cleared land	8,918	0.5	4,869	0.3	+ 4,049
8	Swamps	1,124	0.1	2,200	0.1	– 1,076
9	Unused land	593	–	384	–	+ 209
UN	Unclassified	12,826	0.7	11,740	0.7	+ 1,086
	Total	1,649,046	91.5+	1,756,451	97.1*	– 107,405

+ Based on the district total of 1,801,717 acres

* Based on the district total of 1,809,756 acres

Table PH 8.1
Summary of non-agricultural land use in the mukims of the district of Jerantut (Pahang)

Code	Land Use Category	BURAU		KELOLA		KUALA TEMBELING		PEDAH	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	9	4	8	9	36	33	660	294
1E	Estate buildings and associated areas	65	–	–	–	–	–	25	28
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	86	142	10	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	453	866	852	83	639	976	1,644	2,458
7F	Forest	8,398	21,163	2,737	9,900	36,447	38,939	41,451	45,183
7S	Scrub forest	2,468	2,484	779	641	1,962	2,022	2,430	2,908
7C	Newly cleared land	3,437	664	–	145	461	336	384	124
8	Swamps	2	270	277	321	51	108	62	100
9	Unused land	45	–	24	–	13	–	51	65
UN	Unclassified	654	677	207	247	783	748	662	680
	Total	15,531	26,128	4,884	11,346	40,478	43,304	47,379	51,840

Table PH 8.1 cont'd

Code	Land Use Category	PULAU TAWAR		TEBING TINGGI		TEH		TEMBELING		ULU CHEKA		ULU TEMBELING	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	45	105	10	6	29	–	–	–	63	36	6	–
1E	Estate buildings and associated areas	69	–	8	–	44	–	3	–	–	8	–	7
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	3	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	2,537	2,182	2,482	2,095	1,219	936	436	1,074	2,130	3,051	11,173	13,050
7F	Forest	137,219	187,815	16,840	20,473	3,515	12,005	292,793	299,102	58,604	71,063	974,263	973,138
7S	Scrub forest	3,841	3,650	2,526	1,829	3,249	3,545	3,741	2,175	1,767	3,307	5,739	8,470
7C	Newly cleared land	3,351	1,869	589	94	169	497	142	81	371	748	14	311
8	Swamps	206	506	5	69	30	135	23	152	82	129	386	410
9	Unused land	14	–	13	–	70	30	261	103	–	–	102	186
UN	Unclassified	1,590	1,171	185	192	457	553	1,673	1,598	104	172	6,511	5,702
	Total	148,872	197,298	22,733	24,758	8,782	17,701	299,072	304,285	63,121	78,517	998,194	1,001,274

Table PH 9
Summary of agricultural land use in the district of Jerantut (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	9,825	0.5	6,417	0.4	+ 3,408
2M	Market gardening	—	—	15	—	— 15
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	12,074	0.7	—	—	—
3Gm	Mature rubber	53,562	3.0	—	—	—
3Gs	Senile rubber	5,785	0.3	—	—	—
	Sub-total	71,421	4.0	40,267	2.2	+ 31,154
30y	Young oil palm	37,415	2.1	—	—	—
30m	Mature oil palm	20,074	1.1	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	57,489	3.2	962	0.1	+ 56,527
3Cy	Young coconut	20	—	—	—	—
3Cm	Mature coconut	69	—	—	—	—
3Cs	Senile coconut	4	—	—	—	—
	Sub-total	93	—	8	—	+ 85
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	4,448	0.2	—	—	+ 4,448
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	168	—	161	—	+ 7
3F	Fibre crops	—	—	376	—	— 376
3S	Sago	—	—	6	—	— 6
3B	Banana	—	—	—	—	—
3H	Fish ponds	20	—	—	—	+ 20
3R	Arecanut	—	—	—	—	—
4P	Padi	7,392	0.4	4,810	0.3	+ 2,582
4C	Diversified crops	1,805	0.1	203	—	+ 1,602
4X	Shifting cultivation	10	—	80	—	— 70
5	Improved permanent pasture	—	—	—	—	—
	Total	152,671	8.5+	53,305	2.9*	+ 99,366

+ Based on the district total of 1,801,717 acres

* Based on the district total of 1,809,756 acres

Table PH 9.1
Summary of agricultural land use in the mukims of the district of Jerantut (Pahang)

Code	Land Use Category	BURAU		KELOLA	
		1974	1966	1974	1966
2H	Mixed horticulture	1,188	639	589	145
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	1,823	–	2,941	–
3Gm	Mature rubber	2,874	–	1,808	–
3Gs	Senile rubber	111	–	53	–
	Sub-total	4,808	1,399	4,802	1,511
30y	Young oil palm	5,637	–	2,562	–
30m	Mature oil palm	2,109	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	7,746	933	2,562	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	–	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	–	–	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	–	–
3F	Fibre crops	–	376	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	640	460	209	43
4C	Diversified crops	91	–	4	5
4X	Shifting cultivation	–	51	–	–
5	Improved permanent pasture	–	–	–	–
	Total	14,473	3,858	8,166	1,704

Table PH 9.1 cont'd

Code	Land Use Category	KUALA TEMBELING		PEDAH		PULAU TAWAR		TEBING TINGGI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	946	554	949	755	2,173	814	575	484
2M	Market gardening	–	–	–	15	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	284	–	1,147	–	3,938	–	709	–
3Gm	Mature rubber	3,927	–	7,222	–	10,403	–	3,399	–
3Gs	Senile rubber	1,582	–	809	–	447	–	229	–
	Sub-total	5,793	5,032	9,178	7,164	14,788	6,463	4,337	2,992
30y	Young oil palm	837	–	15	–	26,667	–	75	–
30m	Mature oil palm	792	–	1,182	–	7,199	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1,629	–	1,197	–	33,866	29	75	–
3Cy	Young coconut	–	–	–	–	–	–	20	–
3Cm	Mature coconut	2	–	31	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	2	6	31	2	–	–	20	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	4,448	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	1	–	119	140	–	–	7	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	20	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	696	588	822	483	954	730	490	394
4C	Diversified crops	13	58	716	6	241	8	423	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	9,080	6,238	13,032	8,565	57,470	8,044	5,927	3,870

Table PH 9.1 cont'd

Code	Land Use Category	TEH		TEMBELING		ULU CHEKA		ULU TEMBELING	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,057	467	661	394	1,039	1,084	648	1,081
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	600	–	85	–	528	–	19	–
3Gm	Mature rubber	4,381	–	2,211	–	12,955	–	4,382	–
3Gs	Senile rubber	884	–	22	–	154	–	1,494	–
	Sub-total	5,865	3,353	2,318	2,165	13,637	7,533	5,895	2,655
30y	Young oil palm	443	–	1,179	–	–	–	–	–
30m	Mature oil palm	5,177	–	3,574	–	38	–	3	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	5,620	–	4,753	–	38	–	3	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	14	–	22	–
3Cs	Senile coconut	–	–	–	–	–	–	4	–
	Sub-total	–	–	–	–	14	–	26	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	26	11	–	–	–	10	15	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	4	–	2
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	449	157	413	344	1,564	683	1,155	928
4C	Diversified crops	52	–	–	–	253	108	12	18
4X	Shifting cultivation	–	–	–	29	–	–	10	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	13,069	3,988	8,145	2,932	16,545	9,422	7,764	4,684

Table PH 10
Summary of non-agricultural land use in the district of Kuantan (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	5,161	0.7	1,431	0.2	+ 3,730
1E	Estate buildings and associated areas	1,297	0.2	272	–	+ 1,025
1T	Tin mining areas	5,554	0.7	2,116	0.3	+ 3,438
1X	Other mining and quarrying areas	622	0.1	192	–	+ 430
1P	Power line right of way	573	0.1	–	–	+ 573
6	Grasslands	22,453	3.0	40,767	5.4	– 18,314
7F	Forest	456,091	60.4	531,343	70.4	– 75,252
7S	Scrub forest	56,555	7.5	20,963	2.8	+ 35,592
7C	Newly cleared land	16,840	2.2	1,432	0.2	+ 15,408
8	Swamps	94,306	12.5	100,742	13.3	– 6,436
9	Unused land	2,314	0.3	3,223	0.4	– 909
UN	Unclassified	8,895	1.2	7,979	1.0	+ 916
	Total	670,661	88.9+	710,460	94.3*	– 39,799

+ Based on the district total of 755,147 acres

* Based on the district total of 754,413 acres

Table PH 10.1
Summary of non-agricultural land use in the mukims of the district of Kuantan (Pahang)

Code	Land Use Category	BESERAH		KUALA KUANTAN		PENOR		SUNGAI KARANG		ULU KUANTAN		ULU LEPAR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	85	12	4,849	1,059	5	–	19	4	183	349	20	7
1E	Estate buildings and associated areas	37	25	1,205	161	–	–	4	–	16	86	35	–
1T	Tin mining areas	–	–	4,836	1,741	–	–	–	–	149	70	569	305
1X	Other mining and quarrying areas	24	–	528	169	–	–	19	–	51	23	–	–
1P	Power line right of way	–	–	233	–	–	–	101	–	–	–	239	–
6	Grasslands	169	194	10,110	12,614	3,123	3,471	5,626	4,726	2,668	8,164	757	11,598
7F	Forest	1,534	1,342	70,981	111,393	11,983	1,865	19,432	28,499	201,423	201,089	150,738	187,155
7S	Scrub forest	331	415	7,817	9,059	2,502	2,106	3,295	3,531	5,115	4,391	37,495	1,461
7C	Newly cleared land	109	109	7,192	443	1,074	48	642	370	2,606	414	5,217	48
8	Swamps	127	296	30,750	30,117	32,856	45,191	27,340	22,473	102	121	3,131	2,544
9	Unused land	118	212	410	381	454	439	781	1,595	73	454	478	142
UN	Unclassified	2	4	2,812	2,848	378	506	230	120	2,923	1,639	2,550	2,862
	Total	2,536	2,609	141,723	169,985	52,375	53,626	57,489	61,318	215,309	216,800	201,229	206,122

Table PH 11
Summary of agricultural land use in the district of Kuantan (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	9,477	1.3	4,012	0.5	+ 5,465
2M	Market gardening	47	—	91	—	— 44
2E	Agricultural stations	286	—	211	—	+ 75
3Gy	Young rubber	5,930	0.8	—	—	—
3Gm	Mature rubber	21,627	2.9	—	—	—
3Gs	Senile rubber	8,288	1.1	—	—	—
	Sub-total	35,845	4.8	36,516	4.8	— 671
30y	Young oil palm	12,622	1.7	—	—	—
30m	Mature oil palm	17,340	2.3	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	29,962	4.0	—	—	+ 29,962
3Cy	Young coconut	897	0.1	—	—	—
3Cm	Mature coconut	2,538	0.3	—	—	—
3Cs	Senile coconut	86	—	—	—	—
	Sub-total	3,521	0.4	2,308	0.3	+ 1,213
3N	Pineapple	1	—	—	—	+ 1
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	1,112	0.1	37	—	+ 1,075
3F	Fibre crops	—	—	—	—	—
3S	Sago	1	—	—	—	+ 1
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	1,653	0.2	735	0.1	+ 918
4C	Diversified crops	2,581	0.3	5	—	+ 2,576
4X	Shifting cultivation	—	—	38	—	— 38
5	Improved permanent pasture	—	—	—	—	—
	Total	84,486	11.2+	43,953	5.7*	+ 40,533

+ Based on the district total of 755,147 acres

* Based on the district total of 754,413 acres

Table PH 11.1
Summary of agricultural land use in the mukims of the district of Kuantan (Pahang)

Code	Land Use Category	BESERAH		KUALA KUANTAN	
		1974	1966	1974	1966
2H	Mixed horticulture	405	209	4,665	2,214
2M	Market gardening	–	–	47	91
2E	Agricultural stations	–	–	286	–
3Gy	Young rubber	572	–	2,764	–
3Gm	Mature rubber	998	–	12,214	–
3Gs	Senile rubber	2,652	–	2,681	–
	Sub-total	4,222	4,233	17,659	20,555
30y	Young oil palm	4	–	8,148	–
30m	Mature oil palm	–	–	17,340	–
30s	Senile oil palm	–	–	–	–
	Sub-total	4	–	25,488	–
3Cy	Young coconut	–	–	287	–
3Cm	Mature coconut	247	–	1,004	–
3Cs	Senile coconut	71	–	15	–
	Sub-total	318	556	1,306	1,180
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	33	5	656	21
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	86	–	505	193
4C	Diversified crops	18	–	2,246	–
4X	Shifting cultivation	–	–	–	38
5	Improved permanent pasture	–	–	–	–
	Total	5,086	5,003	52,858	24,292

Table PH 11.1 cont'd

Code	Land Use Category	PENOR		SUNGAI KARANG		ULU KUANTAN		ULU LEPAR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	643	354	2,191	494	1,302	531	271	210
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	211	–	–	–	–
3Gy	Young rubber	233	–	1,126	–	994	–	241	–
3Gm	Mature rubber	1,240	–	3,017	–	2,226	–	1,932	–
3Gs	Senile rubber	331	–	2,317	–	299	–	8	–
	Sub-total	1,804	1,753	6,460	5,019	3,519	3,403	2,181	1,553
30y	Young oil palm	–	–	–	–	446	–	4,024	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	222	–	344	446	6	4,024	–
3Cy	Young coconut	384	–	226	–	–	–	–	–
3Cm	Mature coconut	664	–	623	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	1,048	–	849	–	–	–	–	–
3N	Pineapple	–	–	1	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	8	–	361	–	54	7	–	4
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	1	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	225	318	487	87	33	–	317	137
4C	Diversified crops	224	–	–	–	89	5	4	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,952	2,647	10,350	6,155	5,443	3,952	6,797	1,904

Table PH 12
Summary of non-agricultural land use in the district of Lipis (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	941	0.1	912	0.1	+ 29
1E	Estate buildings and associated areas	525	–	72	–	+ 453
1T	Tin mining areas	170	–	286	–	– 116
1X	Other mining and quarrying areas	151	–	140	–	+ 11
1P	Power line right of way	–	–	–	–	–
6	Grasslands	6,759	0.5	15,812	1.2	– 9,053
7F	Forest	1,162,495	84.3	1,157,495	87.0	+ 5,000
7S	Scrub forest	34,928	4.7	73,019	5.5	– 38,091
7C	Newly cleared land	7,545	0.6	3,135	0.2	+ 4,410
8	Swamps	2,507	0.2	2,390	0.2	+ 117
9	Unused land	565	–	4,187	0.3	– 3,622
UN	Unclassified	6,896	0.5	5,765	0.4	+ 1,131
	Total	1,223,482	91.2+	1,263,213	94.9*	– 39,731

+ Based on the district total of 1,341,409 acres

* Based on the district total of 1,330,628 acres

Table PH 12.1
Summary of non-agricultural land use in the mukims of the district of Lipis (Pahang)

Code	Land Use Category	BATU YON		BUDU		CHEKA		GUA	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	51	30	59	85	30	33	93	114
1E	Estate buildings and associated areas	61	23	8	–	–	–	21	–
1T	Tin mining areas	–	–	–	–	66	60	15	–
1X	Other mining and quarrying areas	136	132	–	–	–	–	–	4
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	1,254	2,641	371	885	2,629	3,369	271	939
7F	Forest	262,268	278,045	7,163	8,122	86,171	88,247	8,990	9,371
7S	Scrub forest	11,348	8,357	703	1,811	3,740	3,513	549	2,848
7C	Newly cleared land	4,655	1,072	132	20	12	426	283	–
8	Swamps	237	679	16	20	642	357	286	360
9	Unused land	538	3,625	–	–	2	–	–	7
UN	Unclassified	1,337	438	76	75	1,172	1,339	277	294
	Total	281,885	295,042	8,528	11,018	94,464	97,344	10,785	13,937

Table PH 12.1 cont'd

Code	Land Use Category	KECHAU		KUALA LIPIS		PENJOM		TANJONG BESAR		TELANG		ULU JELAI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	974	1966
1U	Urban and associated areas	2	13	450	432	168	136	2	–	41	11	45	58
1E	Estate buildings and associated areas	–	–	–	–	106	49	–	–	–	–	329	–
1T	Tin mining areas	–	–	–	–	–	88	–	–	104	138	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	4	4
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	93	1,012	101	1,256	663	2,217	121	1,419	310	886	946	1,188
7F	Forest	183,283	183,211	18,048	18,681	18,949	21,353	31,167	21,992	69,224	71,546	447,132	456,927
7S	Scrub forest	602	2,000	174	642	1,334	2,564	1,307	1,407	3,452	6,315	11,712	43,562
7C	Newly cleared land	90	332	278	194	923	579	399	194	232	23	541	295
8	Swamps	100	40	100	66	564	370	113	15	445	448	4	35
9	Unused land	–	–	3	–	13	7	–	–	9	29	–	519
UN	Unclassified	812	517	159	215	409	593	37	–	263	279	2,354	2,015
	Total	184,982	187,125	19,313	21,486	23,129	27,956	33,146	25,027	74,080	79,675	463,067	504,603

Table PH 13
Summary of agricultural land use in the district of Lipis (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	9,941	0.7	7,097	0.6	+ 2,844
2M	Market gardening	—	—	—	—	—
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	9,393	0.7	—	—	—
3Gm	Mature rubber	61,286	4.6	—	—	—
3Gs	Senile rubber	9,027	0.7	—	—	—
	Sub-total	79,706	6.0	51,029	3.9	+ 28,677
30y	Young oil palm	19,552	1.5	—	—	—
30m	Mature oil palm	689	0.1	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	20,241	1.6	527	—	+ 19,714
3Cy	Young coconut	18	—	—	—	—
3Cm	Mature coconut	30	—	—	—	—
3Cs	Senile coconut	—	—	—	—	—
	Sub-total	48	—	14	—	+ 34
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	4	—	—	—	+ 4
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	386	—	9	—	+ 377
3F	Fibre crops	—	—	—	—	—
3S	Sago	9	—	—	—	+ 9
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	6,820	0.5	5,352	0.4	+ 1,468
4C	Diversified crops	337	—	86	—	+ 251
4X	Shifting cultivation	435	0.2	3,301	0.2	— 2,866
5	Improved permanent pasture	—	—	—	—	—
	Total	117,927	8.8+	67,415	5.1*	+ 50,512

+ Based on the district total of 1,341,409 acres

* Based on the district total of 1,330,628 acres

Table PH 13.1
Summary of agricultural land use in the mukims of the district of Lipis (Pahang)

Code	Land Use Category	BATU YON		BUDU	
		1974	1966	1974	1966
2H	Mixed horticulture	1,865	814	952	1,029
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	1,585	–	434	–
3Gm	Mature rubber	6,435	–	6,304	–
3Gs	Senile rubber	1,192	–	645	–
	Sub-total	9,212	3,657	7,383	5,013
30y	Young oil palm	5,789	–	–	–
30m	Mature oil palm	689	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	6,478	527	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	4	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	4	–	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	4	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	323	–	22	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	826	489	794	629
4C	Diversified crops	51	2	18	–
4X	Shifting cultivation	1	35	–	8
5	Improved permanent pasture	–	–	–	–
	Total	18,764	5,524	9,169	6,679

Table PH 13.1 cont'd

Code	Land Use Category	CHEKA		GUA		KECHAU		KUALA LIPIS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,681	1,308	578	464	333	389	359	222
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	15	–	1,631	–	349	–	605	–
3Gm	Mature rubber	7,021	–	5,030	–	2,431	–	3,489	–
3Gs	Senile rubber	2,352	–	442	–	1,471	–	1,249	–
	Sub-total	9,388	8,499	7,103	4,149	4,251	2,239	5,343	3,332
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	18	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	9	–
		–	–	18	–	–	–	9	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	6	–	–	–	12	4
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,388	1,119	343	258	642	437	31	23
4C	Diversified crops	25	13	9	2	–	18	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	12,482	10,939	8,057	4,873	5,226	3,083	5,754	3,581

Table PH 13.1 cont'd

Code	Land Use Category	PENJOM		TANJONG BESAR		TELANG		ULU JELAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	933	735	801	862	1,692	852	747	422
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	3,322	–	812	–	476	–	164	–
3Gm	Mature rubber	13,743	–	7,745	–	6,749	–	2,339	–
3Gs	Senile rubber	1,151	–	27	–	453	–	45	–
	Sub-total	18,216	14,297	8,584	4,783	7,678	3,866	2,548	1,194
30y	Young oil palm	478	–	–	–	623	–	12,662	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	478	–	–	–	623	–	12,662	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	13	–	–	–	–	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	13	–	–	14	–	–	4	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	17	5	–	–	6	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	7	–	2	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	536	422	778	713	1,321	1,212	161	50
4C	Diversified crops	119	26	1	15	37	–	77	10
4X	Shifting cultivation	–	–	–	–	206	38	228	3,220
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	20,312	15,485	10,164	6,387	11,570	5,968	16,429	4,896

Table PH 14
Summary of non-agricultural land use in the district of Pekan (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,255	0.1	744	0.1	+ 511
1E	Estate buildings and associated areas	117	—	48	—	+ 69
1T	Tin mining areas	217	—	6	—	+ 211
1X	Other mining and quarrying areas	685	—	310	—	+ 375
1P	Power line right of way	160	—	—	—	+ 160
6	Grasslands	16,919	1.2	26,410	2.0	— 9,491
7F	Forest	608,208	44.2	634,681	47.1	— 26,473
7S	Scrub forest	38,048	2.8	30,697	2.3	+ 7,351
7C	Newly cleared land	15,230	1.1	3,623	0.3	+ 11,607
8	Swamps	564,969	41.0	572,361	42.5	— 7,392
9	Unused land	5,610	0.4	7,931	0.6	— 2,321
UN	Unclassified	21,999	1.6	20,467	1.5	+ 1,532
	Total	1,273,417	92.4+	1,297,278	96.4*	— 23,861

+ Based on the district total of 1,377,502 acres

* Based on the district total of 2,325,962 acres

Table PH 14.1
Summary of non-agricultural land use in the mukims of the district of Pekan (Pahang)

Code	Land Use Category	BEBAR		ENDAU		GANCHONG	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	105	38	26	29	–	–
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	6	145	–	–	–
1X	Other mining and quarrying areas	5	12	121	26	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	2,960	8,887	977	1,530	316	295
7F	Forest	115,630	116,798	122,879	98,304	175	1,046
7S	Scrub forest	7,343	7,487	7,205	3,041	525	397
7C	Newly cleared land	2,450	83	734	63	165	–
8	Swamps	313,681	306,419	60,054	64,681	23,238	22,821
9	Unused land	1,108	2,166	191	456	42	106
UN	Unclassified	2,525	2,325	2,052	1,752	1,020	1,063
	Total	445,807	444,221	194,384	169,882	25,481	25,728

Table PH 14.1 cont'd

Code	Land Use Category	KUALA PAHANG		LANGGAR		LEPAR		LUIT		PAHANG TUA		PEKAN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	35	26	134	–	92	15	62	245	22	–	657	327
1E	Estate buildings and associated areas	–	–	–	–	–	–	98	40	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	4	–	–	19	–	58	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	160	–	–	–	–	–
6	Grasslands	2,442	3,005	633	679	2,562	590	961	3,602	1,213	830	1,569	2,298
7F	Forest	–	–	–	147	64,592	73,189	88,368	107,339	271	170	203	399
7S	Scrub forest	277	350	221	227	2,151	1,337	3,185	4,292	525	245	1,000	714
7C	Newly cleared land	20	–	34	–	268	161	912	2,979	19	58	80	24
8	Swamps	4,466	3,857	19,043	19,525	13,322	12,912	4,599	3,415	2,069	4,443	33,500	35,826
9	Unused land	495	954	11	106	22	–	68	–	9	51	1,070	448
UN	Unclassified	1,445	344	1,756	1,927	1,496	1,480	1,129	1,256	468	680	1,705	1,321
	Total	9,180	8,536	21,836	22,611	84,505	89,703	99,542	123,226	4,596	6,477	39,784	41,357

Table PH 14.1 cont'd

Code	Land Use Category	PENYOR		PULAU MANIS		PULAU RUSA		PONTIAN		TEMAI		TIOMAN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	54	5	8	3	–	–	52	44	–	6	8	6
1E	Estate buildings and associated areas	19	8	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	72	–	–	–	–	–
1X	Other mining and quarrying areas	299	81	–	–	7	–	249	87	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,142	1,277	439	1,020	125	86	946	1,056	579	979	55	276
7F	Forest	131,850	156,494	4,920	7,815	80	118	47,090	42,447	747	2,269	31,403	28,146
7S	Scrub forest	5,410	3,855	1,312	1,415	276	76	3,663	922	1,478	772	3,477	5,567
7C	Newly cleared land	8,980	171	62	13	74	–	1,341	18	75	53	16	–
8	Swamps	10,582	8,925	42,788	40,387	4,125	4,258	12,979	24,922	20,079	19,498	444	472
9	Unused land	46	30	63	100	71	60	310	380	35	81	2,069	2,993
UN	Unclassified	4,348	4,188	1,781	1,685	667	879	786	736	793	795	28	36
	Total	162,730	175,034	51,373	52,438	5,425	5,477	67,488	70,612	23,786	24,453	37,500	37,496

Table PH 15
Summary of agricultural land use in the district of Pekan (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	8,439	0.6	5,827	0.4	+ 2,612
2M	Market gardening	–	–	4	–	+ 4
2E	Agricultural stations	365	–	–	–	+ 365
3Gy	Young rubber	8,922	0.6	–	–	–
3Gm	Mature rubber	37,480	2.8	–	–	–
3Gs	Senile rubber	4,398	0.3	–	–	–
	Sub-total	50,800	3.7	29,639	2.2	+ 21,161
30y	Young oil palm	12,513	0.9	–	–	–
30m	Mature oil palm	7,535	0.5	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	20,048	1.4	160	–	+ 19,888
3Cy	Young coconut	848	0.1	–	–	–
3Cm	Mature coconut	5,567	0.4	–	–	–
3Cs	Senile coconut	367	–	–	–	–
	Sub-total	6,782	0.5	4,081	0.3	+ 2,701
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	35	–	–	–	+ 35
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	773	0.1	27	–	+ 746
3F	Fibre crops	–	–	–	–	–
3S	Sago	47	–	34	–	+ 13
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	6	–	– 6
3R	Arecanut	–	–	–	–	–
4P	Padi	13,994	1.0	* 6,749	0.5	+ 7,245
4C	Diversified crops	1,350	0.1	258	–	+ 1,092
4X	Shifting cultivation	1,452	0.1	1,391	0.1	+ 61
5	Improved permanent pasture	–	–	–	–	–
	Total	104,085	7.5+	48,176	3.5*	+ 55,909

+ Based on the district total of 1,377,502 acres

* Based on the district total of 1,345,454 acres

Table PH 15.1
Summary of agricultural land use in the mukims of the district of Pekan (Pahang)

Code	Land Use Category	BEBAR		ENDAU		GANCHONG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,123	270	565	451	126	156
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	45	–	8	–	–	–
3Gy	Young rubber	1	–	79	–	97	–
3Gm	Mature rubber	41	–	833	–	1,148	–
3Gs	Senile rubber	–	–	67	–	125	–
	Sub-total	45	46	979	558	1,370	1,130
30y	Young oil palm	21	–	317	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	– 21	–	317	–	–	–
3Cy	Young coconut	24	–	278	–	–	–
3Cm	Mature coconut	465	–	587	–	395	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	489	274	865	228	395	280
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	10	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	224	–	369	–	13	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	6	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	266	258	1,581	–	538	640
4C	Diversified crops	109	–	192	88	47	–
4X	Shifting cultivation	1,092	1,157	124	92	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	3,411	2,005	5,010	1,423	2,489	2,206

Table PH 15.1 cont'd

Code	Land Use Category	KUALA PAHANG		LANGGAR		LEPAR		LUIT	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	189	163	142	101	552	300	1,470	706
2M	Market gardening	–	–	–	4	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	32	–	76	–	4,852	–	1,094	–
3Gm	Mature rubber	47	–	954	–	2,135	–	22,540	–
3Gs	Senile rubber	–	–	219	–	291	–	882	–
	Sub-total	79	3	1,249	1,052	7,278	2,784	22,516	13,079
30y	Young oil palm	–	–	–	–	181	–	2,904	–
30m	Mature oil palm	–	–	–	–	264	–	7,271	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	445	–	10,175	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	792	–	773	–	6	–	–	–
3Cs	Senile coconut	344	–	–	–	11	–	–	–
	Sub-total	1,136	1,161	773	560	17	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	42	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	47	31
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	356	433	954	649	378	367	1,997	930
4C	Diversified crops	16	6	23	–	18	–	23	–
4X	Shifting cultivation	–	–	–	–	–	41	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,776	1,766	3,141	2,366	8,688	3,492	38,270	14,746

Table PH 15.1 cont'd

Code	Land Use Category	PAHANG TUA		PEKAN		PENYOR		PULAU MANIS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	249	138	1,878	1,549	878	959	558	543
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	3	–	34	–	–	–	–	–
3Gy	Young rubber	88	–	82	–	1,789	–	185	–
3Gm	Mature rubber	685	–	1,493	–	4,343	–	1,302	–
3Gs	Senile rubber	433	–	18	–	1,418	–	839	–
	Sub-total	1,206	1,159	1,593	1,291	7,550	4,940	2,326	1,583
30y	Young oil palm	–	–	–	–	9,090	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	9,090	–	–	–
3Cy	Young coconut	37	–	48	–	–	–	–	–
3Cm	Mature coconut	273	–	561	–	74	–	107	–
3Cs	Senile coconut	–	–	12	–	–	–	–	–
	Sub-total	310	162	621	311	74	35	107	26
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	22	27	23	–	3	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	3	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,536	964	840	181	997	531	779	790
4C	Diversified crops	–	–	4	36	6	–	278	10
4X	Shifting cultivation	–	–	–	–	234	83	–	8
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,304	2,423	4,992	3,398	18,852	6,548	4,051	2,960

Table PH 15.1 cont'd

Code	Land Use Category	PULAU RUSA		PONTIAN		TEMAI		TIOMAN	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	107	108	421	149	181	221	–	13
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	275	–	–	–	–	–
3Gy	Young rubber	39	–	–	–	508	–	–	–
3Gm	Mature rubber	355	–	226	–	1,348	–	30	–
3Gs	Senile rubber	10	–	21	–	75	–	–	–
	Sub-total	404	554	247	218	1,931	1,210	30	32
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	160
3Cy	Young coconut	31	–	1,130	–	–	–	–	–
3Cm	Mature coconut	212	–	269	–	35	–	1,018	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	243	152	699	41	35	4	1,018	847
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	25	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	24	–	42	–	11	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	397	324	1,984	366	391	316	–	–
4C	Diversified crops	17	2	443	116	174	–	–	–
4X	Shifting cultivation	–	–	2	10	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
Total		1,192	1,140	4,138	900	2,723	1,751	1,048	1,052

Table PH 16
Summary of non-agricultural land use in the district of Raub (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	2,017	0.4	1,541	0.3	+ 476
1E	Estate buildings and associated areas	315	0.1	123	–	+ 192
1T	Tin mining areas	121	–	42	–	+ 79
1X	Other mining and quarrying areas	–	–	11	–	– 11
1P	Power line right of way	132	–	192	–	– 60
6	Grasslands	11,347	2.0	16,065	2.8	– 4,718
7F	Forest	400,566	70.3	426,024	74.8	– 25,458
7S	Scrub forest	28,242	5.0	31,413	5.5	– 3,171
7C	Newly cleared land	4,651	0.8	3,558	0.6	+ 1,093
8	Swamps	2,339	0.4	3,435	0.6	– 1,096
9	Unused land	39	–	58	–	– 19
UN	Unclassified	1,862	0.3	2,283	0.4	– 421
	Total	451,631	79.3+	484,745	85.2*	– 33,114

+ Based on the district total of 569,558 acres

* Based on the district total of 569,303 acres

Table PH 16.1
Summary of non-agricultural land use in the mukims of the district of Raub (Pahang)

Code	Land Use Category	BATU TALAM		DONG	
		1974	1966	1974	1966
1U	Urban and associated areas	21	–	28	32
1E	Estate buildings and associated areas	7	7	–	–
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	668	1,008	794	1,865
7F	Forest	123,219	128,237	5,807	7,769
7S	Scrub forest	9,659	8,615	649	2,750
7C	Newly cleared land	275	260	258	174
8	Swamps	23	65	–	6
9	Unused land	25	25	–	–
UN	Unclassified	320	322	84	143
	Total	134,217	138,539	7,620	12,739

Table PH 16.1 cont'd

Code	Land Use Category	GALI		SEGA		SEMANTAN ULU		TERAS		ULU DONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	1,498	1,068	73	19	74	78	315	344	8	–
1E	Estate buildings and associated areas	235	41	–	3	12	13	61	59	–	–
1T	Tin mining areas	–	35	–	–	121	–	–	7	–	–
1X	Other mining and quarrying areas	–	8	–	3	–	–	–	–	–	–
1P	Power line right of way	97	133	–	–	–	–	35	59	–	–
6	Grasslands	6,740	7,614	615	2,292	986	1,416	79	1,171	1,465	699
7F	Forest	93,346	106,454	18,605	21,274	65,372	66,821	53,527	51,725	40,690	43,744
7S	Scrub forest	11,538	9,041	2,375	3,789	1,900	2,415	1,146	3,633	975	1,170
7C	Newly cleared land	2,371	2,518	522	240	873	181	13	185	339	–
8	Swamps	765	1,018	853	1,400	691	921	7	25	–	–
9	Unused land	1	–	11	11	2	22	–	–	–	–
UN	Unclassified	529	797	255	260	406	405	268	356	–	–
	Total	117,120	128,727	23,309	29,291	70,437	72,272	55,451	57,564	43,477	45,613

Table PH 17
Summary of agricultural land use in the district of Raub (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,718	1.0	4,447	0.8	+ 1,271
2M	Market gardening	31	—	151	—	— 120
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	5,022	0.9	—	—	—
3Gm	Mature rubber	75,071	13.2	—	—	—
3Gs	Senile rubber	15,870	2.8	—	—	—
	Sub-total	95,963	16.8	74,991	13.2	+ 20,112
30y	Young oil palm	5,558	1.0	—	—	—
30m	Mature oil palm	1,274	0.2	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	6,832	1.3	—	—	+ 6,832
3Cy	Young coconut	—	—	—	—	—
3Cm	Mature coconut	67	—	—	—	—
3Cs	Senile coconut	—	—	—	—	—
	Sub-total	67	—	29	—	+ 38
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	727	0.1	21	—	+ 706
3F	Fibre crops	—	—	—	—	—
3S	Sago	—	—	3	—	— 3
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	41	—	— 41
3R	Arecanut	—	—	—	—	—
4P	Padi	4,896	0.9	3,855	0.7	+ 1,041
4C	Diversified crops	3,534	0.6	149	—	+ 3,385
4X	Shifting cultivation	159	—	871	0.2	— 712
5	Improved permanent pasture	—	—	—	—	—
	Total	117,927	20.7+	84,558	14.8*	+ 33,369

+ Based on the district total of 569,558 acres

* Based on the district total of 569,303 acres

Table PH 17.1
Summary of agricultural land use in the mukims of the district of Raub (Pahang)

Code	Land Use Category	BATU TALAM		DONG		GALI	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	489	732	1,027	806	1,852	1,321
2M	Market gardening	–	–	–	–	26	138
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	196	–	209	–	2,334	–
3Gm	Mature rubber	3,437	–	4,696	–	38,467	–
3Gs	Senile rubber	2,087	–	932	–	710	–
	Sub-total	5,720	4,993	5,837	3,949	41,511	32,861
30y	Young oil palm	4,324	–	–	–	1,163	–
30m	Mature oil palm	–	–	–	–	1,061	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	4,324	–	–	–	2,224	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	5	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	6	–	18	5	5
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	46	–	112	–	517	15
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	3
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	41
3R	Arecanut	–	–	–	–	–	–
4P	Padi	440	440	719	625	1,525	1,181
4C	Diversified crops	70	19	482	–	1,806	8
4X	Shifting cultivation	130	686	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	11,219	6,876	8,177	5,398	49,466	35,573

Table PH 17.1 cont'd

Code	Land Use Category	SEGA		SEMANTAN ULU		TERAS		ULU DONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,423	839	383	324	37	62	507	363
2M	Market gardening	5	–	–	7	–	6	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	632	–	1,172	–	169	–	310	–
3Gm	Mature rubber	10,519	–	8,769	–	7,941	–	1,242	–
3Gs	Senile rubber	1,180	–	748	–	10,172	–	41	–
	Sub-total	12,331	7,246	10,689	8,919	18,282	16,455	1,593	568
30y	Young oil palm	–	–	9	–	62	–	–	–
30m	Mature oil palm	–	–	–	–	213	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	9	–	275	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	62	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	62	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	40	–	12	6
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,711	1,181	116	163	255	–	385	265
4C	Diversified crops	80	–	–	11	29	111	841	–
4X	Shifting cultivation	–	14	–	–	–	171	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	15,550	9,280	11,259	9,424	18,918	16,805	3,338	1,202

Table PH 18
Summary of non-agricultural land use in the district of Rompin (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	947	0.1	614	0.1	+ 333
1E	Estate buildings and associated areas	164	–	–	–	+ 164
1T	Tin mining areas	45	–	19	–	+ 26
1X	Other mining and quarrying areas	1,790	0.2	452	–	+ 1,338
1P	Power line right of way	–	–	–	–	–
6	Grasslands	10,956	1.1	5,890	0.6	+ 5,066
7F	Forest	746,086	75.7	840,986	85.8	– 94,900
7S	Scrub forest	22,765	2.3	17,410	1.8	+ 5,355
7C	Newly cleared land	40,051	4.1	695	0.1	+ 39,356
8	Swamps	101,486	10.3	104,695	10.7	– 3,209
9	Unused land	378	–	631	0.1	– 253
UN	Unclassified	6,661	0.7	5,809	0.6	+ 852
	Total	931,329	94.5+	977,201	99.8*	– 45,872

+ Based on the district total of 986,210 acres

* Based on the district total of 980,535 acres

Table PH 18.1
Summary of non-agricultural land use in the mukims of the district of Rompin (Pahang)

Code	Land Use Category	KERATONG		ROMPIN	
		1974	1966	1974	1966
1U	Urban and associated areas	278	236	669	378
1E	Estate buildings and associated areas	164	–	–	–
1T	Tin mining areas	–	–	45	19
1X	Other mining and quarrying areas	1,405	452	385	–
1P	Power line right of way	–	–	–	–
6	Grasslands	6,474	2,257	4,482	3,633
7F	Forest	655,017	757,750	91,069	83,236
7S	Scrub forest	15,782	12,387	6,983	5,023
7C	Newly cleared land	39,702	365	349	330
8	Swamps	11,847	14,767	89,639	89,928
9	Unused land	–	28	378	603
UN	Unclassified	3,217	2,363	3,444	3,446
	Total	733,886	790,605	197,443	186,596

Table PH 19
Summary of agricultural land use in the district of Rompin (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	989	0.1	310	–	+ 679
2M	Market gardening	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	237	–	–	–	–
3Gm	Mature rubber	677	0.1	–	–	–
3Gs	Senile rubber	191	–	–	–	–
	Sub-total	1,105	0.1	1,150	0.1	– 45
30y	Young oil palm	47,551	4.8	–	–	–
30m	Mature oil palm	2,984	0.3	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	50,535	5.1	–	–	+ 50,535
3Cy	Young coconut	380	–	–	–	–
3Cm	Mature coconut	249	–	–	–	–
3Cs	Senile coconut	6	–	–	–	–
	Sub-total	635	–	171	–	+ 464
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	32	–	–	–	+ 32
3F	Fibre crops	–	–	–	–	–
3S	Sago	4	–	–	–	+ 4
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	530	0.1	167	–	+ 363
4C	Diversified crops	405	–	62	–	+ 343
4X	Shifting cultivation	646	0.1	1,474	0.1	– 828
5	Improved permanent pasture	–	–	–	–	–
	Total	54,881	5.6+	3,334	0.2*	+ 51,547

+ Based on the district total of 986,210 acres

* Based on the district total of 980,535 acres

Table PH 19.1
Summary of agricultural land use in the mukims of the district of Rompin (Pahang)

Code	Land Use Category	KERATONG		ROMPIN	
		1974	1966	1974	1966
2H	Mixed horticulture	227	93	762	217
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	171	–	66	–
3Gm	Mature rubber	641	–	36	–
3Gs	Senile rubber	184	–	7	–
	Sub-total	996	1,073	109	77
30y	Young oil palm	46,903	–	–	–
30m	Mature oil palm	2,984	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	49,887	–	–	–
3Cy	Young coconut	–	–	380	–
3Cm	Mature coconut	46	–	203	–
3Cs	Senile coconut	–	–	6	–
	Sub-total	46	–	589	171
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	31	–	1	–
3F	Fibre crops	–	–	–	–
3S	Sago	4	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	530	167
4C	Diversified crops	52	62	353	–
4X	Shifting cultivation	446	958	200	516
5	Improved permanent pasture	–	–	–	–
	Total	51,689	2,186	2,544	1,148

Table PH 20
Summary of non-agricultural land use in the district of Temerloh (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,698	0.3	1,668	0.1	+ 2,030
1E	Estate buildings and associated areas	1,536	0.1	735	–	+ 801
1T	Tin mining areas	38	–	27	–	+ 11
1X	Other mining and quarrying areas	18	–	5	–	+ 13
1P	Power line right of way	554	–	13	–	+ 541
6	Grasslands	30,285	2.1	33,049	2.2	– 2,764
7F	Forest	824,149	57.1	1,091,461	73.9	– 267,312
7S	Scrub forest	81,652	5.6	70,743	4.8	+ 10,909
7C	Newly cleared land	64,941	4.5	21,501	1.4	+ 43,440
8	Swamps	49,084	3.4	41,831	2.8	+ 7,253
9	Unused land	294	–	961	0.1	– 667
UN	Unclassified	13,955	1.0	17,693	1.2	– 3,738
	Total	1,070,204	74.0+	1,279,687	96.6*	– 209,483

+ Based on the district total of 1,445,311 acres

* Based on the district total of 1,477,214 acres

Table PH 20.1
Summary of non-agricultural land use in the mukims of the district of Temerloh (Pahang)

Code	Land Use Category	BANGAU		BERA		BUKIT SEGUMPUL	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	4	–	98	28	124	222
1E	Estate buildings and associated areas	–	–	88	2	225	110
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	35	–	–	–	53	–
6	Grasslands	281	820	5,989	3,966	686	793
7F	Forest	252	1,352	282,151	378,538	5,433	12,602
7S	Scrub forest	1,592	1,208	25,727	20,978	1,999	1,058
7C	Newly cleared land	581	181	17,444	2,585	3,161	2,927
8	Swamps	18	69	26,926	20,076	260	373
9	Unused land	28	–	7	36	–	–
UN	Unclassified	253	295	2,761	6,226	34	103
	Total	3,044	3,925	361,191	432,435	11,975	18,188

Table PH 20.1 cont'd

Code	Land Use Category	CHENOR		JENDERAK		KERDAU		KERTAU		LEBAK		LIPAT KAJANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	889	53	80	93	60	28	20	–	7	–	7	5
1E	Estate buildings and associated areas	241	119	305	51	56	24	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	158	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	4,271	3,349	4,238	3,705	949	1,062	227	527	311	737	230	620
7F	Forest	131,329	219,622	161,473	180,106	16,807	16,904	17,947	25,679	1,898	3,991	2,806	4,560
7S	Scrub forest	9,022	5,194	13,725	10,938	2,152	2,620	2,585	1,508	907	1,035	898	1,000
7C	Newly cleared land	14,714	2,665	3,382	1,172	942	606	534	131	1,265	74	62	12
8	Swamps	4,614	4,852	354	653	432	476	5,872	4,611	1,199	1,285	70	128
9	Unused land	24	133	118	766	25	3	66	14	–	–	2	–
UN	Unclassified	2,673	2,990	1,933	2,193	202	208	659	732	346	337	191	241
	Total	167,935	238,977	185,608	199,677	21,625	21,931	27,910	33,202	5,933	7,459	4,266	6,566

Table PH 20.1 cont'd

Code	Land Use Category	MENTAKAP		PERAK		SANGGANG		SEMANTAN		SONGSANG		TERIANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	864	521	597	366	38	8	144	84	–	–	766	260
1E	Estate buildings and associated areas	89	89	25	51	5	14	151	61	–	–	351	214
1T	Tin mining areas	–	–	–	–	–	–	38	27	–	–	–	5
1X	Other mining and quarrying areas	–	–	–	–	–	–	18	–	–	–	–	–
1P	Power line right of way	50	13	22	–	–	–	236	–	–	–	–	–
6	Grasslands	1,709	1,731	1,428	1,944	413	847	2,480	2,488	336	437	6,737	10,023
7F	Forest	2,237	3,216	28,506	32,440	6,409	9,164	142,386	154,361	367	1,197	24,148	47,729
7S	Scrub forest	1,875	1,962	3,276	3,000	2,783	3,443	4,988	6,593	1,834	1,911	8,291	8,295
7C	Newly cleared land	1,672	1,067	858	848	458	126	10,581	285	326	–	8,961	8,822
8	Swamps	914	1,156	465	663	49	56	801	854	400	514	6,710	6,065
9	Unused land	–	–	19	–	–	–	–	–	–	–	5	9
UN	Unclassified	353	306	739	647	617	605	1,133	807	–	–	2,061	2,003
	Total	9,763	10,061	35,935	39,959	10,772	14,263	162,956	165,560	3,263	4,059	58,030	83,425

Table PH 21
Summary of agricultural land use in the district of Temerloh (Pahang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	24,797	1.7	19,765	1.3	+ 5,032
2M	Market gardening	61	–	25	–	+ 36
2E	Agricultural stations	18	–	–	–	+ 18
3Gy	Young rubber	46,691	3.2	–	–	–
3Gm	Mature rubber	151,329	10.5	–	–	–
3Gs	Senile rubber	21,020	1.5	–	–	–
	Sub-total	219,040	15.2	144,519	9.8	+ 74,521
30y	Young oil palm	48,229	3.3	–	–	–
30m	Mature oil palm	55,437	3.8	–	–	–
30s	Senile oil palm	45	–	–	–	–
	Sub-total	103,711	7.1	10,508	0.7	+ 93,203
3Cy	Young coconut	416	–	–	–	–
3Cm	Mature coconut	293	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	709	–	210	–	+ 499
3N	Pineapple	–	–	3	–	– 3
3T	Tea	–	–	–	–	–
3K	Coffee	12	–	–	–	+ 12
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	506	–	72	–	+ 434
3F	Fibre crops	–	–	–	–	–
3S	Sago	4	–	8	–	– 4
3B	Banana	–	–	–	–	–
3H	Fish ponds	3	–	–	–	+ 3
3R	Arecanut	–	–	–	–	–
4P	Padi	23,907	1.7	21,441	1.4	+ 2,466
4C	Diversified crops	1,356	0.1	185	–	+ 1,171
4X	Shifting cultivation	50	–	791	–	– 741
5	Improved permanent pasture	–	–	–	–	–
	Total	374,174	25.8+	197,527	13.4*	+ 176,647

+ Based on the district total of 1,445,311 acres

* Based on the district total of 1,477,214 acres

Table PH 21.1
Summary of agricultural land use in the mukims of the district of Temerloh (Pahang)

Code	Land Use Category	BANGAU		BERA		BUKIT SEGUMPUL	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	725	774	1,891	1,452	1,750	1,231
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	289	–	3,038	–	333	–
3Gm	Mature rubber	2,461	–	6,707	–	9,934	–
3Gs	Senile rubber	346	–	521	–	423	–
	Sub-total	3,096	2,150	10,266	5,003	10,690	7,113
30y	Young oil palm	–	–	17,025	–	1,887	–
30m	Mature oil palm	13	–	11,970	–	31	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	13	–	28,995	–	1,918	–
3Cy	Young coconut	–	–	304	–	104	–
3Cm	Mature coconut	–	–	30	–	42	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	–	604	18	146	13
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	6	–	3	–	150	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	4	4
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	3	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	688	697	1,938	1,342	1,076	1,113
4C	Diversified crops	25	59	–	–	31	–
4X	Shifting cultivation	–	–	11	722	–	–
5	Improved permanent pasture	–	–	–	–	–	–
Total		4,553	3,680	43,441	8,537	15,765	9,474

Code	Land Use Category	CHENOR		JENDERAK		KERDAU		KERTAU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	5,708	1,852	3,218	3,286	996	1,150	834	785
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	20,761	–	5,553	–	990	–	215	–
3Gm	Mature rubber	20,358	–	9,758	–	4,368	–	3,014	–
3Gs	Senile rubber	1,266	–	1,027	–	1,547	–	539	–
	Sub-total	23,695	15,281	16,338	9,426	6,905	6,459	3,768	3,326
30y	Young oil palm	18,803	–	2,742	–	–	–	3,662	–
30m	Mature oil palm	27,344	–	3,435	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	46,147	7,235	6,177	2,074	–	–	3,662	–
3Cy	Young coconut	8	–	–	–	–	–	–	–
3Cm	Mature coconut	6	–	25	–	–	–	167	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	14	15	25	12	–	–	167	62
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	172	6	1	17	1	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,500	2,666	3,065	2,521	1,150	1,148	1,058	977
4C	Diversified crops	175	4	359	30	11	–	17	–
4X	Shifting cultivation	36	36	–	33	–	–	3	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	98,137	27,095	29,183	17,399	9,063	8,757	9,509	5,150

Code	Land Use Category	LEBAK		LEPAT KAJANG		MENTAKAP		PERAK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	399	429	635	705	776	840	2,343	2,108
2M	Market gardening	–	–	–	–	45	25	8	–
2E	Agricultural stations	–	–	–	–	–	–	18	–
3Gy	Young rubber	179	–	123	–	615	–	1,690	–
3Gm	Mature rubber	2,575	–	2,053	–	9,474	–	6,784	–
3Gs	Senile rubber	87	–	311	–	3,496	–	1,388	–
	Sub-total	2,841	1,306	2,487	1,194	13,585	13,258	9,862	7,110
30y	Young oil palm	–	–	1,046	–	–	–	776	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	1,046	–	–	–	776	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	16	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	11	–	–	16	–	4	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	5	34
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	632	610	501	471	818	818	3,386	3,015
4C	Diversified crops	10	–	–	–	7	8	44	58
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,882	2,356	4,669	2,370	15,247	14,949	16,446	12,325

Table PH 21.1 cont'd

Code	Land Use Category	SANGGANG		SEMANTAN		SONGSANG		TERIANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,599	1,828	1,487	1,063	263	309	2,173	1,953
2M	Market gardening	–	–	–	–	–	–	8	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2,786	–	2,868	–	143	–	7,108	–
3Gm	Mature rubber	5,307	–	13,380	–	1,772	–	53,384	–
3Gs	Senile rubber	1,182	–	3,483	–	181	–	5,223	–
	Sub-total	9,275	5,586	19,731	18,017	2,096	1,417	55,715	47,873
30y	Young oil palm	–	–	3	–	–	–	2,285	–
30m	Mature oil palm	–	–	2	–	–	–	12,642	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	5	–	–	–	14,927	1,199
3Cy	Young coconut	–	–	–	–	–	–	45	–
3Cm	Mature coconut	3	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	3	8	–	14	–	–	45	57
3N	Pineapple	–	–	–	–	–	–	–	3
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	12	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	11	35	35	–	–	–	122	15
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	4
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,891	1,839	1,554	1,226	657	491	1,993	2,507
4C	Diversified crops	9	18	133	8	5	–	530	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Sub-total	12,788	9,279	22,945	20,328	3,021	2,217	85,525	53,611

THE PRESENT LAND USE OF PERAK

The General Pattern

The general pattern of land use in the State of Perak consists of large areas of forested hills and mountains in the north and east where the major mountain ranges occur. Agriculture has been developed extensively in the valleys of the major rivers and on the terraces and coastal plains to the west and south. Large tracts of coastal plain, however, remain undeveloped being occupied by swampland. In the Kinta Valley in the central region of the State large areas of open-cast tin mines are prominent.

The major agricultural crop is rubber. Grown on hills and terraces mostly above the general level of the flood plains, this crop is cultivated on large plantations as well as on smallholdings. Oil palm, another major plantation crop, is cultivated on hill areas and on the present day flood plains. Coconuts, in large contiguous blocks, are confined mainly to the south in the Bagan Datoh delta where large plantations and smallholdings exist in close promixity. Elsewhere this crop is a common component of mixed horticulture. It is in the Bagan Datoh area, however, where extensive intertilling of coconuts with cocoa has taken place. Padi is cultivated by smallholders in three main areas, the largest of which is the Krian padi basin in the northwest. The other two are in the south, on the floodplain of the Sungai Perak, one being the Trans Perak Irrigation Scheme and the other the Sungai Manik – Cangkat Jong Padi Area. A minor crop of some importance is sugarcane which is grown on an estate basis in the southwest both on reclaimed swamp and on low hills.

The land use area for the State in 1974 is 15,815 acres (6,405 ha) larger than the physical area. This difference, as indicated in the section on the Methodology of Survey, is mainly due to the intertilling of coconut with cocoa especially in the Bagan Datoh delta.

Post – 1966 Developments

The establishment of the new district of Perak Tengah after 1966 has resulted in a change of boundaries in the surrounding districts with consequent reduction in their areas. Altogether 11 mukims were transferred from the districts of Kuala Kangsar and Perak Hilir. At the same time a new mukim, named Jaya Baru, was also formed from sections of the mukims of Likir and Sitiawan in the district of Dinding. With these changes in mind and to facilitate the comparison of land use between 1966 and 1974 the new district and mukim boundaries were superimposed on the 1966 maps (Siew, 1970 b).

Regression of the coastline has resulted in a reduction of the total physical area of the State by 7,262 acres (2,941 ha). This difference would have been larger but for the realignment of the boundaries of the unclassified category across river estuaries.

The land use area in 1974 has increased by 15,815 acres (6,405 ha) over the 1966 total (Table PK 1). Agricultural land use has undergone an even larger increase. Land under cultivation at the time of the survey shows an increase of 246,621 acres (99,882 ha). This figure, however, does not take into account the total area earmarked for agricultural development. To obtain a closer assessment of the total land devoted to agricultural use the areas of newly cleared land would have to be included. Such inclusion brings the total agricultural land use in the State to 1,391,188 acres (563,431 ha). Compared to the 1966 total of 1,079,990 acres (437,396 ha) there is a net increase of 311,198 acres (126,035 ha) in 1974.

Further comparisons by land use category at the State, district and mukim levels are indicated in Tables PK 2 to PK 21.

Table PK 1
The land use summary of the State of Perak

Description	1974	1966	Increase (+) or decrease (—) over 1966 total acres
	acres	acres	
Total physical area	5,178,032	5,185,294	— 7,262
Total land use area	5,202,943*	5,187,128	+ 15,815
Cultivated area	1,272,967	1,026,346	+ 246,621
Newly cleared land	118,221	53,644	+ 64,577
Total agricultural land	1,391,188	1,079,990	+ 311,198

* The land use acreage in 1974 is 24,911 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. In 1966 the difference between the land use and physical area was 1,834 acres.

Table PK 2
Summary of non-agricultural land use in the State of Perak

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	41,547	0.8	31,311	0.6	+ 10,236
1E	Estate buildings and associated areas	5,867	0.1	4,420	0.1	+ 1,447
1T	Tin mining areas	134,209	2.6	73,401	1.4	+ 60,808
1X	Other mining and quarrying areas	803	—	784	—	+ 19
1P	Power line right of way	3,650	0.1	3,950	0.1	— 300
6	Grasslands	87,640	1.7	226,551	4.4	— 138,911
7F	Forest	2,764,207	53.1	2,845,026	54.8	— 80,819
7S	Scrub forest	167,514	3.2	195,200	3.8	— 27,686
7C	Newly cleared land	118,221	2.3	53,644	1.0	+ 64,577
8	Swamps	508,037	9.8	613,468	11.8	— 105,431
9	Unused land	6,251	0.1	29,410	0.6	— 23,159
UN	Unclassified	92,030	1.8	83,592	1.6	+ 8,438
	Total	3,929,976	75.5+	4,160,757	80.2*	— 230,781

+ Based on the State total of 5,202,943 acres

* Based on the State total of 5,187,103 acres

Table PK 3
Summary of agricultural land use in the State of Perak

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	75,146	1.4	61,828	1.2	+ 13,318
2M	Market gardening	3,469	–	3,007	0.1	+ 462
2E	Agricultural stations	925	–	383	–	+ 542
3Gy	Young rubber	77,649	1.4	–	–	–
3Gm	Mature rubber	488,365	9.4	–	–	–
3Gs	Senile rubber	117,031	2.2	–	–	–
	Sub-total	683,045	13.0	624,101	12.0	+ 58,944
30y	Young oil palm	50,998	1.0	–	–	–
30m	Mature oil palm	76,605	1.5	–	–	–
30s	Senile oil palm	3,009	0.1	–	–	–
	Sub-total	130,612	2.6	39,337	0.8	+ 91,275
3Cy	Young coconut	8,899	0.2	–	–	–
3Cm	Mature coconut	103,436	2.0	–	–	–
3Cs	Senile coconut	3,769	0.1	–	–	–
	Sub-total	116,104	2.3	104,632	2.0	+ 11,472
3N	Pineapple	200	–	1,456	–	– 1,256
3T	Tea	200	–	493	–	– 293
3K	Coffee	61	–	108	–	– 47
3A	Cocoa	20,230	0.4	8	–	+ 20,222
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	7,666	0.1	–	–	+ 7,666
3X	Orchards	7,576	0.1	2,706	–	+ 4,870
3F	Fibre crops	–	–	–	–	–
3S	Sago	902	–	1,004	–	– 102
3B	Banana	–	–	–	–	–
3H	Fish ponds	573	–	604	–	– 31
3R	Arecanut	–	–	–	–	–
4P	Padi	129,299	2.5	128,746	2.5	+ 553
4C	Diversified crops	90,761	1.7	51,809	1.0	+ 38,952
4X	Shifting cultivation	4,145	0.1	6,124	0.1	– 1,979
5	Improved permanent pasture	2,053	1.7	–	–	+ 2,053
	Total	1,272,967	24.5+	1,026,346	19.8*	+ 246,621

+ Based on the State total of 5,202,943 acres

* Based on the State total of 5,187,103 acres

Table PK 4
Summary of non-agricultural land use in the district of Batang Padang (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,162	0.4	2,647	0.4	+ 515
1E	Estate buildings and associated areas	919	0.1	673	0.1	+ 246
1T	Tin mining areas	31,740	4.6	15,052	2.2	+ 16,688
1X	Other mining and quarrying areas	43	—	20	—	+ 23
1P	Power line right of way	1,671	0.2	2,211	0.3	— 540
6	Grasslands	20,100	2.9	31,525	4.7	— 11,425
7F	Forest	390,813	57.8	411,174	60.8	— 20,361
7S	Scrub forest	38,614	5.7	53,201	7.8	— 14,587
7C	Newly cleared land	10,669	1.5	6,153	0.9	+ 4,516
8	Swamps	29,146	4.3	30,226	4.5	— 1,080
9	Unused land	4	—	30	—	— 26
UN	Unclassified	3,491	0.5	3,344	0.5	+ 147
	Total	530,372	78.3+	556,256	82.3*	— 25,884

+ Based on the district total of 675,555 acres

* Based on the district total of 675,864 acres

Table PK 4.1
Summary of non-agricultural land use in the mukims of the district of Batang Padang (Perak)

Code	Land Use Category	BATANG PADANG		BIDOR	
		1974	1966	1974	1966
1U	Urban and associated areas	1,040	968	683	389
1E	Estate buildings and associated areas	37	37	114	116
1T	Tin mining areas	3,742	1,098	12,545	7,833
1X	Other mining and quarrying areas	13	7	3	–
1P	Power line right of way	602	776	191	221
6	Grasslands	4,378	5,965	3,891	8,330
7F	Forest	83,482	78,598	35,996	35,123
7S	Scrub forest	11,634	18,144	5,759	8,211
7C	Newly cleared land	1,937	1,032	1,202	1,278
8	Swamps	379	638	2,810	3,856
9	Unused land	–	–	4	–
UN	Unclassified	553	455	902	713
	Total	107,797	107,718	64,100	66,070

Table PK 4.1 cont'd

Code	Land Use Category	CHENDERIANG		SLIM		SUNGKAI		ULU BERNAM EAST		ULU BERNAM WEST	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	619	374	257	236	243	286	320	394	–	–
1E	Estate buildings and associated areas	26	68	115	122	403	259	224	68	–	3
1T	Tin mining areas	9,707	4,125	217	–	3,968	1,687	5	81	1,556	228
1X	Other mining and quarrying areas	–	–	–	13	27	–	–	–	–	–
1P	Power line right of way	303	349	185	238	257	449	133	178	–	–
6	Grasslands	4,197	7,547	3,107	2,282	2,917	5,404	1,581	1,878	29	119
7F	Forest	13,294	16,920	97,192	101,095	108,159	121,404	34,562	39,240	18,128	18,794
7S	Scrub forest	5,624	5,419	5,975	5,857	3,152	8,776	6,430	6,577	40	217
7C	Newly cleared land	951	1,043	1,257	647	4,437	1,780	873	305	12	68
8	Swamps	3,444	3,714	734	500	2,297	2,134	702	417	18,780	18,967
9	Unused land	–	–	–	–	–	30	–	–	–	–
UN	Unclassified	613	432	455	458	539	561	208	305	221	420
	Total	38,778	39,991	109,494	111,448	126,399	142,770	45,038	49,443	38,766	38,816

Table PK 5
Summary of agricultural land use in the district of Batang Padang (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,893	0.8	4,251	0.6	+ 1,642
2M	Market gardening	176	–	142	–	+ 34
2E	Agricultural stations	22	–	–	–	+ 22
3Gy	Young rubber	12,163	1.8	–	–	–
3Gm	Mature rubber	72,383	10.7	–	–	–
3Gs	Senile rubber	17,233	2.5	–	–	–
	Sub-total	101,779	15.0	101,880	15.1	– 101
30y	Young oil palm	4,169	0.6	–	–	–
30m	Mature oil palm	16,613	2.4	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	20,782	3.0	4,048	0.6	+ 16,734
3Cy	Young coconut	8	–	–	–	–
3Cm	Mature coconut	42	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	50	–	69	–	– 19
3N	Pineapple	–	–	–	–	–
3T	Tea	33	–	–	–	+ 33
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	316	–	30	–	+ 286
3F	Fibre crops	–	–	–	–	–
3S	Sago	22	–	64	–	– 42
3B	Banana	–	–	–	–	–
3H	Fish ponds	108	–	31	–	+ 77
3R	Arecanut	–	–	–	–	–
4P	Padi	440	–	775	0.1	– 335
4C	Diversified crops	11,515	1.7	6,722	1.0	+ 4,793
4X	Shifting cultivation	2,076	0.3	1,596	0.2	+ 480
5	Improved permanent pasture	1,971	–	–	–	+ 1,971
	Total	145,183	21.4+	119,608	17.7*	+ 25,575

\+ Based on the district total of 675,555 acres

* Based on the district total of 675,864 acres

Table PK 5.1
Summary of agricultural land use in the mukims of the district of Batang Padang (Perak)

Code	Land Use Category	BATANG PADANG		BIDOR		CHENDERIANG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,234	826	561	484	847	665
2M	Market gardening	19	18	98	63	36	18
2E	Agricultural stations	22	–	–	–	–	–
3Gy	Young rubber	3,042	–	1,477	–	2,468	–
3Gm	Mature rubber	10,668	–	9,495	–	10,560	–
3Gs	Senile rubber	6,201	–	1,376	–	3,552	–
	Sub-total	19,911	22,377	12,348	12,646	16,580	17,004
30y	Young oil palm	605	–	337	–	121	–
30m	Mature oil palm	478	–	294	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	1,083	–	631	35	121	–
3Cy	Young coconut	3	–	–	–	–	–
3Cm	Mature coconut	20	–	–	–	7	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	23	31	–	3	7	9
3N	Pineapple	–	–	–	–	–	–
3T	Tea	33	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	58	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	56	10	44	4	–	4
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	2	–	–	–	–	23
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	71	11	25	–	12	20
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	10	97	96	16	–
4C	Diversified crops	1,726	1,304	3,185	1,872	3,526	2,645
4X	Shifting cultivation	1,259	929	345	161	239	171
5	Improved permanent pasture	–	–	–	–	–	–
	Total	25,439	25,516	17,334	15,364	21,442	20,559

Table PK 5.1 cont'd

Code	Land Use Category	SLIM		SUNGKAI		ULU BERNAM EAST		ULU BERNAM WEST	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	764	798	1,698	1,011	789	467	–	–
2M	Market gardening	–	–	–	31	–	12	–	–
2E	Agricultural stations	–	–	–	–	23	–	–	–
3Gy	Young rubber	1,079	–	2,748	–	1,349	–	–	–
3Gm	Mature rubber	11,918	–	17,997	–	11,745	–	–	–
3Gs	Senile rubber	1,082	–	3,113	–	1,909	–	–	–
	Sub-total	14,079	14,989	23,858	21,805	15,003	13,059	–	–
30y	Young oil palm	805	–	2,200	–	101	–	–	–
30m	Mature oil palm	1,943	–	13,754	–	144	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	2,748	559	15,954	3,454	245	–	–	–
3Cy	Young coconut	–	–	3	–	2	–	–	–
3Cm	Mature coconut	1	–	–	–	14	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	1	23	3	3	16	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	46	3	97	9	15	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	16	13	19	7	6	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	236	511	18	42	73	116	–	–
4C	Diversified crops	1,278	228	1,684	533	66	140	50	–
4X	Shifting cultivation	63	117	170	218	–	–	–	–
5	Improved permanent pasture	–	–	–	–	1,971	–	–	–
	Total	19,215	17,244	43,495	27,125	18,208	13,800	50	–

Table PK 6
Summary of non-agricultural land use in the district of Dinding (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	2,812	1.0	2,150	0.8	+ 662
1E	Estate buildings and associated areas	401	0.1	511	0.2	— 110
1T	Tin mining areas	583	0.2	—	—	+ 583
1X	Other mining and quarrying areas	2,912	1.0	28	—	+ 2,884
1P	Power line right of way	—	—	—	—	—
6	Grasslands	6,017	2.2	20,453	7.5	— 14,436
7F	Forest	35,151	12.8	35,435	13.0	— 284
7S	Scrub forest	4,673	1.7	6,938	2.5	— 2,265
7C	Newly cleared land	18,909	6.9	5,978	2.2	+ 12,931
8	Swamps	54,903	20.1	76,791	28.1	— 21,888
9	Unused land	1,513	0.5	3,251	1.2	— 1,738
UN	Unclassified	6,742	2.4	6,920	2.5	— 178
	Total	131,767	48.3+	158,455	58.1*	— 26,688

+ Based on the district total of 272,923 acres

* Based on the district total of 272,796 acres

Table PK 6.1
Summary of non-agricultural land use in the mukims of the district of Dinding (Perak)

Code	Land Use Category	BERUAS		LEKIR	
		1974	1966	1974	1966
1U	Urban and associated areas	154	123	25	8
1E	Estate buildings and associated areas	36	41	36	49
1T	Tin mining areas	34	–	–	–
1X	Other mining and quarrying areas	5	5	–	–
1P	Power line right of way	–	–	–	–
6	Grasslands	1,746	3,475	298	1,964
7F	Forest	6,756	8,619	363	266
7S	Scrub forest	2,007	1,424	201	468
7C	Newly cleared land	2,198	1,521	3,037	96
8	Swamps	13,870	16,412	3,625	7,948
9	Unused land	–	34	72	141
UN	Unclassified	87	117	738	752
	Total	26,893	31,771	8,395	11,692

Table PK 6.1 cont'd

Code	Land Use Category	LUMUT		PENGKALAN BAHRU		SITIAWAN	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	504	462	548	236	1,581	1,321
1E	Estate buildings and associated areas	58	79	102	83	169	259
1T	Tin mining areas	6	–	520	–	23	–
1X	Other mining and quarrying areas	38	23	20	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	1,336	3,395	1,501	5,434	1,136	6,185
7F	Forest	19,784	16,539	8,098	8,980	150	1,031
7S	Scrub forest	1,449	3,288	366	706	650	1,052
7C	Newly cleared land	1,444	896	4,565	1,544	7,665	1,921
8	Swamps	8,783	9,429	18,845	25,519	9,780	17,483
9	Unused land	440	2,169	480	827	521	80
UN	Unclassified	4,686	5,091	670	669	561	291
	Total	38,528	41,371	35,715	43,998	22,236	29,623

Table PK 7
Summary of agricultural land use in the district of Dinding (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulutre	2,912	1.0	2,707	1.0	+ 205
2M	Market gardening	39	–	34	–	+ 5
2E	Agricultural stations	35	–	9	–	+ 26
3Gy	Young rubber	7,753	2.8	–	–	–
3Gm	Mature rubber	74,611	27.3	–	–	–
3Gs	Senile rubber	6,933	2.5	–	–	–
	Sub-total	89,297	32.6	81,457	29.9	+ 7,840
30y	Young oil palm	1,886	0.6	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	1,886	0.6	–	–	+ 1,886
3Cy	Young coconut	2,241	0.8	–	–	–
3Cm	Mature coconut	14,209	5.2	–	–	–
3Cs	Senile coconut	1,072	0.3	–	–	–
	Sub-total	17,522	6.3	14,538	5.3	+ 2,984
3N	Pineapple	–	–	424	0.2	– 424
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	166	–	–	–	+ 166
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	7,666	2.8	–	–	+ 7,666
3X	Orchards	174	–	182	–	– 8
3F	Fibre crops	–	–	–	–	–
3S	Sago	2	–	–	–	+ 2
3B	Banana	–	–	–	–	–
3H	Fish ponds	35	–	–	–	+ 35
3R	Arecanut	–	–	–	–	–
4P	Padi	2,331	0.8	2,817	1.0	– 486
4C	Diversified crops	19,091	6.9	12,163	4.5	+ 6,928
4X	Shifting cultivation	–	–	10	–	– 10
5	Improved permanent pasture	–	–	–	–	–
	Total	141,156	51.7+	114,341	41.9*	+ 26,815

+ Based on the district total of 272,923 acres

* Based on the district total of 272,796 acres

Table PK 7.1
Summary of agricultural land use in the mukims of the district of Dinding (Perak)

Code	Land Use Category	BERUAS		LEKIR	
		1974	1966	1974	1966
2H	Mixed horticulture	993	767	108	105
2M	Market gardening	11	14	–	–
2E	Agricultural stations	35	9	–	–
3Gy	Young rubber	570	–	758	–
3Gm	Mature rubber	8,802	–	446	–
3Gs	Senile rubber	579	–	41	–
	Sub-total	9,951	9,301	1,245	614
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	3	–	1,204	–
3Cm	Mature coconut	36	–	8,116	–
3Cs	Senile coconut	14	–	851	–
	Sub-total	53	73	10,171	8,104
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	4,996	–	–	–
3X	Orchard	3	6	2	7
3F	Fibre crops	–	–	–	–
3S	Sago	1	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	20	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	1,409	1,531	–	896
4C	Diversified crops	3,235	4,204	2,305	1,167
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	20,707	15,905	13,831	10,893

Table PK 7.1 cont'd

Code	Land Use Category	LUMUT		PENGKALAN BAHRU		SITIAWAN	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	365	528	537	315	909	992
2M	Market gardening	–	5	12	11	16	4
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,688	–	1,012	–	3,725	–
3Gm	Mature rubber	10,586	–	10,748	–	44,029	–
3Gs	Senile rubber	2,328	–	1,780	–	2,205	–
	Sub-total	14,602	13,653	13,540	12,282	49,959	45,607
30y	Young oil palm	38	–	1,831	–	17	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	38	–	1,831	–	17	–
3Cy	Young coconut	357	–	576	–	101	–
3Cm	Mature coconut	2,435	–	2,114	–	1,508	–
3Cs	Senile coconut	128	–	67	–	12	–
	Sub-total	2,920	2,399	2,757	2,760	1,621	1,202
3N	Pineapple	–	–	2,587	413	83	11
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	166	–	–	–	30	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	27	22	112	119	–	28
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	1	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	15	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	922	339	–	51
4C	Diversified crops	1,467	126	4,396	3,227	7,688	3,439
4X	Shifting cultivation	–	10	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	19,585	16,743	26,709	19,466	60,324	51,334

Table PK 8
Summary of non-agricultural land use in the district of Kinta (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	19,172	3.9	14,890	3.1	+ 4,282
1E	Estate buildings and associated areas	571	0.1	523	0.1	+ 48
1T	Tin mining areas	88,594	18.2	52,268	10.8	+ 36,326
1X	Other mining and quarrying areas	470	–	597	0.1	– 127
1P	Power line right of way	623	0.1	392	0.1	+ 231
6	Grasslands	18,791	3.8	56,856	11.7	– 38,065
7F	Forest	204,706	42.2	201,487	41.5	+ 3,219
7S	Scrub forest	39,014	8.0	36,612	7.6	+ 2,402
7C	Newly cleared land	3,252	0.6	2,330	0.5	+ 922
8	Swamps	7,718	1.5	14,297	3.0	– 6,579
9	Unused land	–	–	7,358	1.5	– 7,358
UN	Unclassified	7,125	1.4	5,984	1.2	+ 1,141
	Total	390,036	80.4+	393,594	81.2*	– 3,558

+ Based on the district total of 484,930 acres

* Based on the district total of 484,493 acres

Table PK 8.1
Summary of non-agricultural land use in the mukims of the district of Kinta (Perak)

Code	Land Use Category	BLANJA		KAMPAR	
		1974	1966	1974	1966
1U	Urban and associated areas	512	478	1,819	1,711
1E	Estate buildings and associated areas	30	22	20	30
1T	Tin mining areas	8,218	6,159	21,589	13,600
1X	Other mining and quarrying areas	–	–	52	14
1P	Power line right of way	59	74	198	96
6	Grasslands	2,096	5,619	2,581	9,592
7F	Forest	4,916	4,475	50,210	49,543
7S	Scrub forest	2,116	1,909	8,214	7,892
7C	Newly cleared land	332	791	202	185
8	Swamps	435	917	1,869	3,595
9	Unused land	–	–	–	2,204
UN	Unclassified	797	561	922	1,091
	Total	19,511	21,005	87,676	89,553

Code	Land Use Category	SUNGAI RAYA		SUNGAI TERAP		TANJONG TULANG		TEJA		ULU KINTA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	219	214	1,175	832	832	799	680	464	13,935	10,392
1E	Estate buildings and associated areas	45	47	112	69	44	107	152	125	168	123
1T	Tin mining areas	6,429	3,422	9,994	6,643	8,241	5,645	15,640	5,735	18,483	11,064
1X	Other mining and quarrying areas	278	330	–	–	–	–	–	–	140	253
1P	Power line right of way	–	22	89	30	113	70	77	50	87	50
6	Grasslands	1,393	3,400	1,110	4,907	842	4,023	1,786	7,163	8,983	22,152
7F	Forest	34,112	32,895	–	4	4,765	5,752	26,768	25,912	83,935	82,906
7S	Scrub forest	8,513	7,790	862	1,149	1,545	1,704	4,991	6,871	12,773	9,297
7C	Newly cleared land	11	–	457	323	866	438	102	186	1,282	407
8	Swamps	29	101	378	887	3,569	4,115	790	3,543	648	1,139
9	Unused land	–	2,152	–	–	–	–	–	154	–	2,848
UN	Unclassified	454	483	1,055	630	938	429	956	1,000	2,003	1,790
	Total	51,483	50,856	15,232	15,474	21,755	23,082	51,942	51,203	142,437	142,421

Table PK 9
Summary of agricultural land use in the district of Kinta (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	7,956	1.6	5,615	1.2	+ 2,341
2M	Market gardening	2,353	0.4	1,809	0.4	+ 544
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	5,602	1.1	–	–	–
3Gm	Mature rubber	50,902	10.4	–	–	–
3Gs	Senile rubber	12,989	2.6	–	–	–
	Sub-total	69,493	14.3	69,094	14.3	+ 399
30y	Young oil palm	80	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	80	–	–	–	+ 80
3Cy	Young coconut	46	–	–	–	–
3Cm	Mature coconut	345	–	–	–	–
3Cs	Senile coconut	76	–	–	–	–
	Sub-total	467	–	767	0.1	– 300
3N	Pineapple	–	–	–	–	–
3T	Tea	167	–	147	–	+ 20
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	1,963	0.4	735	0.2	+ 1,228
3F	Fibre crops	–	–	–	–	–
3S	Sago	70	–	111	–	– 41
3B	Banana	–	–	–	–	–
3H	Fish ponds	349	–	553	0.1	– 204
3R	Arecanut	–	–	–	–	–
4P	Padi	245	–	575	0.1	– 330
4C	Diversified crops	10,967	2.2	10,122	2.1	+ 845
4X	Shifting cultivation	702	0.1	1,371	0.3	– 669
5	Improved permanent pasture	82	–	–	–	+ 82
	Total	94,894	19.6+	90,899	18.8*	+ 3,995

+ Based on the district total of 484,930 acres

* Based on the district total of 484,493 acres

Table PK 9.1
Summary of agricultural land use in the mukims of the district of Kinta (Perak)

Code	Land Use Category	BLANJA		KAMPAR		SUNGAI RAYA	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	435	245	2,062	1,487	698	707
2M	Market gardening	32	18	363	352	175	70
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	509	–	559	–	358	–
3Gm	Mature rubber	5,099	–	6,816	–	2,092	–
3Gs	Senile rubber	598	–	3,293	–	988	–
	Sub-total	6,206	5,468	10,668	9,199	3,438	3,872
30y	Young oil palm	–	–	80	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	80	–	–	–
3Cy	Young coconut	–	–	23	–	–	–
3Cm	Mature coconut	–	–	129	–	–	–
3Cs	Senile coconut	32	–	38	–	–	–
	Sub-total	32	126	190	140	–	35
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	32	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	30	3	35	–	230	74
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	11	5	55	99	–	3
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	51	3	49	125	45	26
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	14	212	–	–
4C	Diversified crops	610	44	899	764	234	461
4X	Shifting cultivation	–	–	233	425	46	224
5	Improved permanent pasture	–	–	–	–	–	–
	Total	7,407	5,912	14,680	12,803	4,866	5,472

Table PK 9.1 cont'd

Code	Land Use Category	SUNGAI TERAP		TANJONG TUALANG		TEJA		ULU KINTA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	775	678	718	318	971	618	2,297	1,562
2M	Market gardening	83	170	31	60	254	294	1,415	845
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	721	–	1,868	–	494	–	1,093	–
3Gm	Mature rubber	5,820	–	8,701	–	6,745	–	15,629	–
3Gs	Senile rubber	1,738	–	1,334	–	2,798	–	2,240	–
	Sub-total	8,279	8,008	11,903	11,009	10,037	10,991	18,962	20,547
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	7	–	–	–	–	–	16	–
3Cm	Mature coconut	–	–	–	–	–	–	216	–
3Cs	Senile coconut	2	–	–	–	–	–	4	–
	Sub-total	9	185	–	6	–	7	236	268
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	135	147
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	44	11	19	4	79	–	1,526	643
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	4	–	–	–	–	4
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	20	35	5	15	179	349
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	27	–	35	54	169	185
4C	Diversified crops	365	261	510	287	742	634	7,607	7,795
4X	Shifting cultivation	–	–	–	–	254	494	169	228
5	Improved permanent pasture	–	–	–	–	–	–	82	–
	Total	9,555	9,313	13,232	11,719	12,377	13,107	32,777	32,573

Table PK 10
Summary of non-agricultural land use in the district of Krian (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,499	0.6	926	0.4	+ 573
1E	Estate buildings and associated areas	665	0.2	468	0.2	+ 197
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	77	—	61	—	+ 16
1P	Power line right of way	50	—	56	—	— 6
6	Grasslands	1,575	0.6	2,727	1.2	— 1,152
7F	Forest	11,065	4.7	11,853	5.1	— 788
7S	Scrub forest	1,289	0.5	1,159	0.5	+ 130
7C	Newly cleared land	2,929	1.2	3,723	1.6	— 794
8	Swamps	68,082	29.4	71,413	30.7	— 3,331
9	Unused land	588	0.2	4,927	2.1	— 4,339
UN	Unclassified	12,825	5.5	11,209	4.8	+ 1,616
	Total	100,644	43.5+	108,522	46.7*	— 7,878

+ Based on the district total of 231,240 acres

* Based on the district total of 232,507 acres

Table PK 10.1
Summary of non-agricultural land use in the mukims of the district of Krian (Perak)

Code	Land Use Category	BAGAN SERAI		BAGAN TIANG	
		1974	1966	1974	1966
1U	Urban and associated areas	337	170	102	72
1E	Estate buildings and associated areas	177	123	–	–
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	35	36	–	–
6	Grasslands	162	545	–	–
7F	Forest	–	8	–	–
7S	Scrub forest	45	71	–	–
7C	Newly cleared land	132	1,951	–	–
8	Swamps	2,160	2,517	2,012	2,086
9	Unused land	–	–	–	–
UN	Unclassified	840	704	71	109
	Total	3,888	6,125	2,185	2,267

Code	Land Use Category	BERIAH		GUNNONG SEMANGGOL		KUALA KURAU		PARIT BUNTAR		SELINSING		TANJONG PIANDANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	25	26	119	47	363	271	428	261	23	20	102	59
1E	Estate buildings and associated areas	11	15	105	96	217	136	72	35	83	63	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	35	40	42	21	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	15	17	–	–	–	3	–	–	–	–
6	Grasslands	701	309	287	850	61	566	168	229	193	228	3	–
7F	Forest	5,175	6,160	5,883	5,685	–	–	–	–	7	–	–	–
7S	Scrub forest	636	167	581	784	–	–	23	131	4	6	–	–
7C	Newly cleared land	603	188	1,203	520	235	615	217	211	539	238	–	–
8	Swamps	18,114	18,803	8,795	10,624	6,230	6,723	376	239	29,764	29,516	631	905
9	Unused land	–	–	27	–	45	654	–	–	516	4,102	–	171
UN	Unclassified	517	414	3,363	2,715	1,085	1,125	142	180	6,747	5,962	60	–
	Total	25,817	26,122	20,420	21,359	8,236	10,090	1,426	1,289	37,876	40,135	796	1,135

Table PK 11
Summary of agricultural land use in the district of Krian (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	9,607	4.1	8,054	3.5	+ 1,553
2M	Market gardening	48	–	107	–	– 59
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	1,880	0.8	–	–	–
3Gm	Mature rubber	21,460	9.2	–	–	–
3Gs	Senile rubber	6,115	2.6	–	–	–
	Sub-total	29,455	12.7	40,877	17.6	– 11,422
30y	Young oil palm	6,678	2.8	–	–	–
30m	Mature oil palm	14,273	6.1	–	–	–
30s	Senile oil palm	65	–	–	–	–
	Sub-total	21,016	9.1	5,487	2.3	+ 15,529
3Cy	Young coconut	607	0.2	–	–	–
3Cm	Mature coconut	10,556	4.5	–	–	–
3Cs	Senile coconut	53	–	–	–	–
	Sub-total	11,216	4.9	11,194	4.8	+ 22
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	9	–	– 9
3A	Cocoa	1,285	0.5	–	–	+ 1,285
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	171	–	151	0.1	+ 20
3F	Fibre crops	–	–	–	–	–
3S	Sago	43	–	13	–	+ 30
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	6	–	– 6
3R	Arecanut	–	–	–	–	–
4P	Padi	57,064	24.6	57,726	24.8	– 662
4C	Diversified crops	691	0.2	361	0.1	+ 330
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	130,596	56.5+	123,985	53.3*	+ 6,611

+ Based on the district total of 231,240 acres

* Based on the district total of 232,507 acres

Table PK 11.1
Summary of agricultural land use in the mukims of the district of Krian (Perak)

Code	Land Use Category	BAGAN SERAI		BAGAN TIANG		BERIAH		GUNNONG SEMANGGOL	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	2,458	1,943	871	866	1,127	887	1,577	991
2M	Market gardening	29	8	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	144	–	–	–	905	–	742	–
3Gm	Mature rubber	5,081	–	–	–	2,018	–	7,675	–
3Gs	Senile rubber	1,400	–	–	–	1,389	–	728	–
	Sub-total	6,625	10,353	–	–	4,312	5,948	9,145	10,954
30y	Young oil palm	991	–	–	–	608	–	1,393	–
30m	Mature oil palm	6,184	–	–	–	634	–	1,034	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	7,175	2,180	–	–	1,242	–	2,427	–
3Cy	Young coconut	265	–	–	–	3	–	–	–
3Cm	Mature coconut	1,440	–	684	–	78	–	8	–
3Cs	Senile coconut	21	–	–	–	–	–	–	–
	Sub-total	1,726	1,516	684	312	81	35	8	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	9	–	–	–	–	–	–
3A	Cocoa	222	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	111	32	–	–	1	4	46	43
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	27	7	–	–	1	–	12	6
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	3	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	13,157	13,135	6,640	6,928	4,661	4,425	7,424	7,779
4C	Diviersfied crops	235	143	–	–	195	17	170	74
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	31,765	29,329	8,195	8,106	11,620	11,316	20,809	19,847

Table PK 11.1 cont'd

Code	Land Use Category	KUALA KURAU		PARIT BUNTAR		SELINSING		TANJONG PIANDANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,158	1,298	889	837	742	504	785	728
2M	Market gardening	19	99	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	75	–	14	–	–	–
3Gm	Mature rubber	3,020	–	2,449	–	1,217	–	–	–
3Gs	Senile rubber	967	–	671	–	960	–	–	–
	Sub-total	3,987	5,378	3,195	3,794	2,191	4,450	–	–
30y	Young oil palm	2,283	–	196	–	1,207	–	–	–
30m	Mature oil palm	4,328	–	813	–	1,280	–	–	–
30s	Senile oil palm	–	–	65	–	–	–	–	–
	Sub-total	6,611	1,987	1,074	668	2,487	652	–	–
3Cy	Young coconut	301	–	–	–	34	–	4	–
3Cm	Mature coconut	5,860	–	747	–	692	–	1,047	–
3Cs	Senile coconut	–	–	18	–	14	–	–	–
	Sub-total	6,161	7,142	765	692	740	667	1,051	830
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	1,063	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	57	8	8	5	7	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	3	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	3	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	8,746	8,917	4,922	4,949	4,680	4,796	6,834	6,797
4C	Diversified crops	45	39	11	31	35	57	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	27,790	24,920	10,864	10,979	10,883	11,133	8,670	8,355

Table PK 12
Summary of non-agricultural land use in the district of Kuala Kangsar (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,032	0.4	2,284	0.4	+ 748
1E	Estate buildings and associated areas	676	0.1	443	0.1	+ 233
1T	Tin mining areas	2,207	0.3	1,580	0.3	+ 627
1X	Other mining and quarrying areas	72	–	6	–	+ 66
1P	Power line right of way	757	0.1	658	0.1	+ 99
6	Grasslands	11,615	1.8	28,233	4.5	– 16,618
7F	Forest	401,657	63.6	411,236	65.2	– 9,579
7S	Scrub forest	25,622	4.0	29,215	4.6	– 3,593
7C	Newly cleared land	18,161	2.8	12,856	2.0	+ 5,305
8	Swamps	2,957	0.4	6,461	1.0	– 3,504
9	Unused land	104	–	954	0.2	– 850
UN	Unclassified	6,600	1.0	6,735	1.1	– 135
	Total	473,460	74.5+	500,661	79.4*	– 27,201

+ Based on the district total of 631,282 acres

* Based on the district total of 630,714 acres

Table PK 12.1
Summary of non-agricultural land use in the mukims of the district of Kuala Kangsar (Perak)

Code	Land Use Category	CHEGAR GALAH		KAMPONG BUAYA	
		1974	1966	1974	1966
1U	Urban and associated areas	100	79	127	84
1E	Estate buildings and associated areas	49	55	22	70
1T	Tin mining areas	–	–	–	25
1X	Other mining and quarrying areas	–	–	69	6
1P	Power line right of way	–	51	138	121
6	Grasslands	534	2,350	336	890
7F	Forest	12,925	10,734	21,068	21,647
7S	Scrub forest	710	1,383	1,118	617
7C	Newly cleared land	686	1,656	810	471
8	Swamps	125	303	–	48
9	Unused land	42	5	–	309
UN	Unclassified	1,993	2,152	–	–
	Total	17,164	18,768	23,768	24,288

Table PK 12.1 cont'd

Code	Land Use Category	KOTA LAMA KANAN		KOTA LAMA KIRI		LUBOK MERBAU	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	137	123	748	592	5	13
1E	Estate buildings and associated areas	–	–	–	5	–	–
1T	Tin mining areas	558	309	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	16	–	–	56	–
6	Grasslands	621	1,554	848	1,305	468	538
7F	Forest	2,643	2,509	6,496	6,767	2,269	4,290
7S	Scrub forest	1,324	1,458	538	314	1,786	440
7C	Newly cleared land	94	424	635	772	881	439
8	Swamps	–	176	36	106	–	49
9	Unused land	–	6	–	26	–	–
UN	Unclassified	294	311	281	289	–	–
	Total	5,671	6,886	9,582	10,176	5,465	5,769

Table PK 12.1 cont'd

Code	Land Use Category	PULAU KAMIRI		SAIONG		SENGGANG		SUNGAI SIPUT	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	31	98	693	438	67	63	1,124	794
1E	Estate buildings and associated areas	237	69	12	–	15	13	341	231
1T	Tin mining areas	229	28	–	–	–	–	1,420	1,218
1X	Other mining and quarrying areas	–	–	–	–	–	–	3	–
1P	Power line right of way	–	46	120	79	417	298	26	47
6	Grasslands	2,073	4,160	364	1,718	1,526	4,486	4,845	11,232
7F	Forest	96,959	102,240	26,371	26,523	60,828	63,143	172,098	173,383
7S	Scrub forest	5,242	8,976	571	914	2,159	1,259	12,174	13,854
7C	Newly cleared land	7,412	3,182	385	664	971	1,094	6,287	4,154
8	Swamps	144	1,143	150	441	2,329	3,177	173	1,018
9	Unused land	1	–	20	12	37	490	4	106
UN	Unclassified	1,015	1,071	455	518	1,464	1,611	1,098	783
	Total	113,343	121,013	29,141	31,307	69,813	75,634	199,593	206,820

Table PK 13
Summary of agricultural land use in the district of Kuala Kangsar (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	12,008	1.9	9,960	1.6	+ 2,048
2M	Market gardening	173	—	362	0.1	— 189
2E	Agricultural stations	77	—	30	—	+ 47
3Gy	Young rubber	14,313	2.2	—	—	—
3Gm	Mature rubber	88,375	13.9	—	—	—
3Gs	Senile rubber	15,752	2.4	—	—	—
	Sub-total	118,440	18.5	98,833	15.7	+ 19,607
30y	Young oil palm	1,204	0.1	—	—	—
30m	Mature oil palm	2,841	0.4	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	4,045	0.5	—	—	+ 4,045
3Cy	Young coconut	33	—	—	—	—
3Cm	Mature coconut	129	—	—	—	—
3Cs	Senile coconut	29	—	—	—	—
	Sub-total	191	—	338	0.1	— 147
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	778	0.1	256	—	+ 522
3F	Fibre crops	—	—	—	—	—
3S	Sago	131	—	236	—	— 105
3B	Banana	—	—	—	—	—
3H	Fish ponds	53	—	11	—	+ 42
3R	Arecanut	—	—	—	—	—
4P	Padi	8,393	1.3	9,229	1.5	— 836
4C	Diversified crops	12,831	2.0	9,855	1.6	+ 2,976
4X	Shifting cultivation	702	0.1	943	0.1	— 241
5	Improved permanent pasture	—	—	—	—	—
	Total	157,822	24.4+	130,053	20.6*	+ 27,769

+ Based on the district total of 631,282 acres

* Based on the district total of 630,714 acres

Table PK 13.1
Summary of agricultural land use in the mukims of the district of Kuala Kangsar (Perak)

Code	Land Use Category	CHEGAR GALAH		KAMPONG BUAYA	
		1974	1966	1974	1966
2H	Mixed horticulture	1,439	1,220	1,412	1,258
2M	Market gardening	–	–	21	4
2E	Agricultural stations	–	–	–	7
3Gy	Young rubber	2,807	–	1,015	–
3Gm	Mature rubber	10,701	–	4,676	–
3Gs	Senile rubber	1,920	–	2,177	–
	Sub-total	15,428	14,863	7,868	7,107
30y	Young oil palm	149	–	–	–
30m	Mature oil palm	46	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	195	–	–	–
3Cy	Young coconut	–	–	5	–
3Cm	Mature coconut	20	–	18	–
3Cs	Senile coconut	–	–	20	–
	Sub-total	20	27	43	101
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	89	–	136	78
3F	Fibre crops	–	–	–	–
3S	Sago	–	3	–	14
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	6	–
3R	Arecanut	–	–	–	–
4P	Padi	1,060	1,197	1,179	1,200
4C	Diversified crops	1,019	269	21	11
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	19,250	17,579	10,686	9,780

Table PK 13.1 cont'd

Code	Land Use Category	KOTA LAMA KANAN		KOTA LAMA KIRI		LUBUK MERBAU	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	907	737	1,592	1,457	635	564
2M	Market gardening	60	–	32	49	–	–
2E	Agricultural stations	13	–	–	–	–	–
3Gy	Young rubber	600	–	1,358	–	335	–
3Gm	Mature rubber	4,642	–	4,709	–	2,994	–
3Gs	Senile rubber	580	–	2,302	–	1,422	–
	Sub-total	5,822	4,711	8,369	7,918	4,751	4,577
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	15	–	17	–	2	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	15	9	17	–	2	7
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	8	–	23	–	35	25
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	3	32	43	115	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	6	11	–	–	6	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	417	464	1,175	1,271	862	848
4C	Diversified crops	223	211	280	96	64	30
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	7,474	6,175	11,531	10,906	6,355	6,051

Table PK 13.1 cont'd

Code	Land Use Category	PULAU KAMIRI		SAIONG		SENGGANG		SUNGAI SIPUT	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,163	837	1,627	1,419	2,979	2,353	254	115
2M	Market gardening	–	6	24	16	–	–	36	287
2E	Agricultural stations	–	–	–	–	64	23	–	–
3Gy	Young rubber	1,401	–	1,419	–	1,447	–	3,931	–
3Gm	Mature rubber	16,373	–	7,083	–	14,973	–	22,224	–
3Gs	Senile rubber	1,339	–	2,197	–	1,786	–	2,029	–
	Sub-total	19,113	11,898	10,699	9,203	18,206	15,794	28,184	22,762
30y	Young oil palm	437	–	–	–	–	–	618	–
30m	Mature oil palm	744	–	–	–	–	–	2,051	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1,181	–	–	–	–	–	2,669	–
3Cy	Young coconut	–	–	3	–	5	–	20	–
3Cm	Mature coconut	–	–	–	–	36	–	21	–
3Cs	Senile coconut	–	–	–	–	2	–	7	–
	Sub-total	–	13	3	26	43	81	48	74
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	142	47	56	–	210	106	79	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	4	–	22	30	59	42	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	35	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	709	802	1,248	1,416	1,674	1,985	69	46
4C	Diversified crops	863	1,859	664	66	4,901	1,886	4,796	5,427
4X	Shifting cultivation	228	284	–	–	–	–	474	659
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	23,438	15,746	14,343	12,176	28,136	22,270	36,609	29,370

Table PK 14
Summary of non-agricultural land use in the district of Larut and Matang

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	6,461	1.9	4,116	1.2	+ 2,345
1E	Estate buildings and associated areas	346	0.1	296	—	+ 50
1T	Tin mining areas	7,582	2.2	2,793	0.8	+ 4,789
1X	Other mining and quarrying areas	32	—	31	—	+ 1
1P	Power line right of way	199	—	308	0.1	— 109
6	Grasslands	3,247	0.9	11,845	3.6	— 8,598
7F	Forest	83,856	25.1	100,488	30.1	— 16,632
7S	Scrub forest	6,989	2.0	7,919	2.4	— 930
7C	Newly cleared land	6,609	1.9	4,357	1.3	+ 2,252
8	Swamps	87,054	26.0	100,979	30.3	— 13,925
9	Unused land	371	0.1	6,891	2.1	— 6,520
UN	Unclassified	16,151	4.8	10,514	3.2	+ 5,637
	Total	218,897	65.6+	250,537	75.1*	— 31,640

+ Based on the district total of 333,664 acres

* Based on the district total of 333,433 acres

Table PK 14.1
Summary of non-agricultural land use in the mukims of the district of Larut (Perak)

Code	Land Use Category	ASAM KUMBANG		BATU KURAU	
		1974	1966	1974	1966
1U	Urban and associated areas	2,235	1,118	264	99
1E	Estate buildings and associated areas	8	13	100	101
1T	Tin mining areas	3,389	1,412	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	56	124	–	–
6	Grasslands	223	2,580	268	1,778
7F	Forest	121	12	33,196	47,695
7S	Scrub forest	325	397	3,629	4,112
7C	Newly cleared land	515	79	801	1,840
8	Swamps	3,919	5,880	2,800	3,949
9	Unused land	–	–	–	108
UN	Unclassified	685	221	319	307
	Total	11,476	11,836	41,377	59,989

Code	Land Use Category	BUKIT GANTANG		KAMUNTING		PENGKALAN ALOR		TAIPING		TUPAI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	79	51	755	458	330	135	925	900	1,116	817
1E	Estate buildings and associated areas	10	14	50	39	–	–	–	–	–	–
1T	Tin mining areas	413	408	919	97	530	126	1	–	127	58
1X	Other mining and quarrying areas	–	–	27	26	–	–	–	–	–	5
1P	Power line right of way	96	108	–	–	–	–	–	–	47	56
6	Grasslands	569	963	92	952	118	513	14	53	183	986
7F	Forest	16,554	18,292	4,859	4,920	5	5	–	–	8,686	8,061
7S	Scrub forest	477	1,006	559	818	112	116	17	15	375	497
7C	Newly cleared land	420	552	157	13	2	17	–	–	254	111
8	Swamps	65	142	–	45	–	–	11	–	231	6
9	Unused land	–	21	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	10	17	26	8	–	–	7	13
	Total	18,683	21,557	7,428	7,385	1,123	920	968	968	11,026	10,610

Table PK 14.2
Summary of non-agricultural land use in the mukims of the district of Matang (Perak)

Code	Land Use Category	JEBONG		SIMPANG	
		1974	1966	1974	1966
1U	Urban and associated areas	316	230	82	26
1E	Estate buildings and associated areas	40	36	7	13
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–
1P	Power line right of way	–	–	–	6
6	Grasslands	302	268	117	380
7F	Forest	9	7	–	4
7S	Scrub forest	220	5	196	84
7C	Newly cleared land	263	312	73	272
8	Swamps	18,734	21,145	149	496
9	Unused land	151	2,265	–	–
UN	Unclassified	4,124	2,085	–	–
	Total	24,159	26,353	624	1,281

Table PK 14.2 cont'd

Code	Land Use Category	SUNGAI LIMAU		SUNGAI TINGGI		TRONG	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	75	26	211	179	73	77
1E	Estate buildings and associated areas	7	8	59	32	65	40
1T	Tin mining areas	–	–	1,783	610	420	82
1X	Other mining and quarrying areas	–	–	5	–	–	–
1P	Power line right of way	–	–	–	–	–	14
6	Grasslands	69	137	1,151	2,474	141	761
7F	Forest	4	–	20,412	21,313	10	179
7S	Scrub forest	34	36	851	671	194	162
7C	Newly cleared land	165	158	3,690	945	269	58
8	Swamps	8,447	9,013	25,868	33,349	26,830	26,954
9	Unused land	–	156	136	1,392	84	2,949
UN	Unclassified	892	750	4,744	4,185	5,344	2,928
	Total	9,693	10,284	58,910	65,150	33,430	34,204

Table PK 15
Summary of agricultural land use in the district of Larut and Matang (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	9,403	2.8	8,832	2.6	+ 571
2M	Market gardening	631	0.1	444	0.1	+ 187
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	5,482	1.6	–	–	–
3Gm	Mature rubber	56,122	16.8	–	–	–
3Gs	Senile rubber	10,719	3.2	–	–	–
	Sub-total	72,323	21.7	59,533	17.8	+ 12,790
30y	Young oil palm	4,107	1.2	–	–	–
30m	Mature oil palm	4,415	1.3	–	–	–
30s	Semile oil palm	–	–	–	–	–
	Sub-total	8,522	2.6	467	0.1	+ 8,055
3Cy	Young coconut	1,378	0.4	–	–	–
3Cm	Mature coconut	2,981	0.8	–	–	–
3Cs	Senile coconut	392	0.1	–	–	–
	Sub-total	4,751	1.4	1,959	0.6	+ 2,792
3N	Pineapple	187	–	–	–	+ 187
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	1,997	0.5	938	0.3	+ 1,059
3F	Fibre crops	–	–	–	–	–
3S	Sago	71	–	164	–	– 93
3B	Banana	–	–	–	–	–
3H	Fish ponds	28	–	–	–	+ 28
3R	Arecanut	–	–	–	–	–
4P	Padi	11,820	3.5	9,338	2.8	+ 2,482
4C	Diversified crops	5,034	1.5	1,221	0.4	+ 3,813
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	114,767	34.4+	82,896	24.9*	+ 31,871

\+ Based on the district total of 333,664 acres

* Based on the district total of 333,433 acres

Table PK 15.1
Summary of agricultural land use in the mukims of the district of Larut (Perak)

Code	Land Use Category	ASAM KUMBANG		BATU KURAU		BUKIT GANTANG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	708	416	3,787	4,107	1,719	2,084
2M	Market gardening	329	356	72	5	50	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	18	–	2,229	–	1,315	–
3Gm	Mature rubber	834	–	29,233	–	6,047	–
3Gs	Senile rubber	216	–	4,521	–	1,175	–
	Sub-total	1,068	1,415	35,983	18,452	8,537	8,286
30y	Young oil palm	217	–	828	–	625	–
30m	Mature oil palm	138	–	34	–	1,135	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	355	85	862	–	1,760	66
3Cy	Young coconut	8	–	3	–	1	–
3Cm	Mature coconut	15	–	10	–	12	–
3Cs	Senile coconut	–	–	–	–	140	–
	Sub-total	23	8	13	7	153	14
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	192	107	564	285	675	193
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	37	124	24	20
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	6	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	12	36	5,172	5,620	2,186	2,242
4C	Diversified crops	404	308	1,758	65	791	49
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	3,091	2,731	48,254	28,665	15,895	12,954

Table PK 15.1 cont'd

Code	Land Use Category	KAMUNTING		PENGKALAN ALOR		TAIPING		TUPAI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	187	100	292	365	There is no		244	433
2M	Market gardening	41	7	74	12	agricultural land		–	–
2E	Agricultural stations	–	–	–	–	use in this mukim		–	–
3Gy	Young rubber	27	–	18	–	–	–	142	–
3Gm	Mature rubber	2,172	–	640	–	–	–	1,242	–
3Gs	Senile rubber	262	–	307	–	–	–	45	–
	Sub-total	2,461	3,309	965	1,211	–	–	1,429	1,771
30y	Young oil palm	201	–	–	–	–	–	14	–
30m	Mature oil palm	285	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	486	–	–	–	–	–	14	–
3Cy	Young coconut	3	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	3	–	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	31	12	126	41	–	–	55	9
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	3
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	283	282	–	–	64	60
4C	Diversified crops	191	–	259	290	–	–	57	3
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,400	3,428	1,999	2,201	–	–	1,863	2,279

Table PK 15.2
Summary of agricultural land use in the mukims of the district of Matang (Perak)

Code	Land Use Category	JEBONG		SIMPANG	
		1974	1966	1974	1966
2H	Mixed horticulture	449	193	333	324
2M	Market gardening	45	21	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	254	–	157	–
3Gm	Mature rubber	2,748	–	2,310	–
3Gs	Senile rubber	863	–	1,386	–
	Sub-total	3,865	5,479	3,853	3,753
30y	Young oil palm	820	–	79	–
30m	Mature oil palm	1,552	–	158	–
30s	Senile oil palm	–	–	–	–
	Sub-total	2,372	163	237	–
3Cy	Young coconut	56	–	–	–
3Cm	Mature coconut	510	–	–	–
3Cs	Senile coconut	252	–	–	–
	Sub-total	818	492	29	–
3N	Pineapple	187	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	57	14	87	28
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	10	17
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	501	312	406	306
4C	Diversified crops	147	93	176	42
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	8,441	6,767	5,131	4,470

Table PK 15.2 cont'd

Code	Land Use Category	SUNGAI LIMAU		SUNGAI TINGGI		TRONG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	277	142	979	337	428	331
2M	Market gardening	–	5	2	23	18	15
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	155	–	952	–	215	–
3Gm	Mature rubber	1,469	–	6,851	–	2,576	–
3Gs	Senile rubber	153	–	1,210	–	581	–
	Sub-total	1,777	1,777	9,013	10,070	3,372	4,010
30y	Young oil palm	157	–	641	–	525	–
30m	Mature oil palm	60	–	675	–	378	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	217	–	1,316	78	903	75
3Cy	Young coconut	82	–	1,152	–	44	–
3Cm	Mature coconut	476	–	1,487	–	471	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	558	329	2,639	781	515	328
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	11	10	109	82	90	157
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	22	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	164	161	3,032	319	–	–
4C	Diversified crops	34	23	1,090	303	127	45
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	3,038	2,447	18,202	11,993	5,453	4,961

Table PK 16
Summary of non-agricultural land use in the district of Perak Hilir (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	2,800	0.6	1,938	0.4	+ 862
1E	Estate buildings and associated areas	1,430	0.3	1,193	0.3	+ 237
1T	Tin mining areas	70	—	—	—	+ 70
1X	Other mining and quarrying areas	22	—	22	—	—
1P	Power line right of way	—	—	17	—	— 17
6	Grasslands	8,608	1.9	24,758	5.7	— 16,150
7F	Forest	14,387	3.2	30,970	7.2	— 16,583
7S	Scrub forest	5,405	1.2	5,673	1.3	— 268
7C	Newly cleared land	33,341	7.4	7,021	1.6	+ 26,320
8	Swamps	113,142	25.3	148,308	34.4	— 35,166
9	Unused land	406	—	4,865	1.1	— 4,459
UN	Unclassified	16,728	3.7	17,194	4.0	— 466
	Total	196,339	43.6+	241,959	56.1*	— 45,620

+ Based on the district total of 333,664 acres

* Based on the district total of 333,433 acres

Table PK 16.1 cont'd
Summary of non-agricultural land use in the mukims of the district of Perak Hilir (Perak)

Code	Land Use Category	BAGAN DATOH		CHANGKAT JONG		DURIAN SABATANG		HUTAN MELINTANG	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	271	171	455	310	1,586	1,169	136	59
1E	Estate buildings and associated areas	288	247	33	39	280	333	666	392
1T	Tin mining areas	–	–	70	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	22	22	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	1,243	1,137	2,195	6,679	816	2,611	1,917	4,759
7F	Forest	–	–	1,212	6,585	7,276	9,768	5,600	12,621
7S	Scrub forest	9	110	1,795	2,030	1,128	505	987	708
7C	Newly cleared land	227	719	7,765	546	14,522	1,770	7,465	1,036
8	Swamps	2,650	2,648	12,922	15,718	19,979	41,209	59,958	70,333
9	Unused land	156	2,440	–	–	111	–	18	16
UN	Unclassified	4,124	3,894	693	963	3,407	3,271	3,616	3,741
	Total	8,968	11,366	27,162	32,892	49,105	60,636	80,363	93,665

Table PK 16.1 cont'd

Code	Land Use Category	LABU KUBONG		RUNGKUP		SUNGAI DURIAN		SUNGAI MANIK		TELOK BHARU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	36	48	244	161	8	–	28	12	36	8
1E	Estate buildings and associated areas	–	–	6	13	110	135	–	–	47	34
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	17	–	–	–	–	–	–	–	–
6	Grasslands	495	4,478	321	471	227	1,563	35	292	1,359	2,768
7F	Forest	81	746	–	–	7	117	6	290	205	843
7S	Scrub forest	1,055	1,188	8	24	159	214	57	125	207	769
7C	Newly cleared land	611	943	561	–	1,516	408	193	–	481	135
8	Swamps	1,763	2,027	6,519	7,675	4,272	5,398	1,463	1,464	3,616	3,300
9	Unused land	–	–	121	2,409	–	–	–	–	–	–
UN	Unclassified	271	180	1,076	1,526	1,513	1,520	18	101	2,010	1,998
	Total	4,312	9,627	8,856	12,279	7,812	9,355	1,800	2,284	7,961	9,855

Table PK 17
Summary of agricultural land use in the district of Perak Hilir (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,619	1.4	5,477	1.3	+ 1,142
2M	Market gardening	43	–	3	–	+ 40
2E	Agricultural stations	645	0.1	232	0.1	+ 413
3Gy	Young rubber	2,636	0.5	–	–	–
3Gm	Mature rubber	17,077	3.8	–	–	–
3Gs	Senile rubber	11,731	2.6	–	–	–
	Sub-total	31,444	7.1	49,768	11.5	– 18,324
30y	Young oil palm	32,060	7.1	–	–	–
30m	Mature oil palm	37,738	8.4	–	–	–
30s	Senile oil palm	2,944	0.6	–	–	–
	Sub-total	72,742	16.3	29,327	6.8	+ 43,415
3Cy	Young coconut	4,115	0.9	–	–	–
3Cm	Mature coconut	71,975	16.1	–	–	–
3Cs	Senile coconut	2,101	0.4	–	–	–
	Sub-total	78,191	17.6	73,182	17.0	+ 5,009
3N	Pineapple	13	–	1,032	0.2	– 1,019
3T	Tea	–	–	346	0.1	– 346
3K	Coffee	53	–	99	–	– 46
3A	Cocoa	18,623	4.1	8	–	+ 18,615
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	447	0.1	296	0.1	+ 151
3F	Fibre crops	–	–	–	–	–
3S	Sago	116	–	33	–	+ 83
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	23,415	5.2	23,654	5.5	– 239
4C	Diversified crops	16,780	3.7	6,199	1.4	+ 10,581
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	249,131	55.0+	189,656	43.9*	+ 59,475

+ Based on the district total of 445,470 acres

* Based on the district total of 431,615 acres

Table PK 17.1
Summary of agricultural land use in the mukims of the district of Perak Hilir (Perak)

Code	Land Use Category	BAGAN DATOH		CHANGKAT JONG	
		1974	1966	1974	1966
2H	Mixed horticulture	123	92	573	449
2M	Market gardening	–	–	–	–
2E	Agricultural stations	361	–	–	–
3Gy	Young rubber	–	–	1,324	–
3Gm	Young rubber	–	–	5,387	–
3Gs	Senile rubber	–	–	1,878	–
	Sub-total	–	108	8,589	10,289
30y	Young oil palm	3	–	3,099	–
30m	Mature oil palm	3,922	–	555	–
30s	Senile oil palm	–	–	–	–
	Sub-total	3,925	2,226	3,654	36
3Cy	Young coconut	411	–	2	–
3Cm	Mature coconut	30,758	–	1	–
3Cs	Senile coconut	568	–	–	–
	Sub-total	31,737	33,339	3	–
3N	Pineapple	–	–	–	16
3T	Tea	–	–	–	–
3K	Coffee	–	27	–	2
3A	Cocoa	12,266	8	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	8	36	121
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	5,396	5,370
4C	Diversified crops	52	109	5,696	1,933
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	48,464	35,917	23,947	18,216

Table PK 17.1 cont'd

Code	Land Use Category	DURIAN SABATANG		HUTAN MELINTANG		LABU KUBONG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,808	1,431	220	451	1,698	1,267
2M	Market gardening	43	–	–	3	–	–
2E	Agricultural stations	–	–	8	–	53	30
3Gy	Young rubber	742	–	13	–	505	–
3Gm	Mature rubber	5,657	–	1,450	–	2,167	–
3Gs	Senile rubber	5,939	–	1,118	–	218	–
	Sub-total	12,338	19,219	2,581	5,679	2,890	1,743
30y	Young oil palm	12,197	–	13,132	–	4	–
30m	Mature oil palm	10,349	–	18,255	–	–	–
30s	Senile oil palm	935	–	2,007	–	–	–
	Sub-total	23,481	5,465	33,394	20,981	4	–
3Cy	Young coconut	12	–	1,434	–	5	–
3Cm	Mature coconut	197	–	15,446	–	201	–
3Cs	Senile coconut	7	–	969	–	–	–
	Sub-total	216	162	17,849	14,691	206	191
3N	Pineapple	13	932	–	–	–	–
3T	Tea	–	–	–	346	–	–
3K	Coffee	–	16	–	3	–	–
3A	Cocoa	–	–	4,736	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	340	92	8	–	37	25
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	15	13	101	20	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	37	161	–	43	6,948	6,810
4C	Diversified crops	1,891	1,157	1,523	165	5,461	1,916
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	40,182	28,648	60,420	42,382	17,297	11,982

Table PK 17.1 cont'd

Code	Land Use Category	RUNGKUP		SUNGAI DURIAN		SUNGAI MANIK		TELOK BHARU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	69	11	306	146	1,458	1,292	364	338
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	223	202
3Gy	Young rubber	–	–	3	–	46	–	3	–
3Gm	Mature rubber	–	–	1,041	–	573	–	802	–
3Gs	Senile rubber	–	–	1,471	–	343	–	764	–
	Sub-total	–	–	2,515	8,904	962	445	1,569	3,381
30y	Young oil palm	–	–	2,099	–	–	–	1,526	–
30m	Mature oil palm	–	–	4,213	–	–	–	444	–
30s	Senile oil palm	2	–	–	–	–	–	–	–
	Sub-total	2	–	6,312	514	–	–	1,970	105
3Cy	Young coconut	123	–	547	–	5	–	1,576	–
3Cm	Mature coconut	16,228	–	936	–	28	–	8,180	–
3Cs	Senile coconut	535	–	7	–	–	–	15	–
	Sub-total	16,886	16,668	1,490	557	33	21	9,771	7,553
3N	Pineapple	–	–	–	–	–	–	–	84
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	592	–	–	–	–	–	53	51
3A	Cocoa	–	–	–	–	–	–	1,029	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	22	–	1	–	3	50
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	1,056	1,184	9,978	10,015	–	71
4C	Diversified crops	493	3	1,393	246	152	327	119	343
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	18,042	16,682	13,094	11,551	12,584	12,100	15,101	12,178

Table PK 18
Summary of non-agricultural land use in the district of Perak Tengah (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	858	0.2	477	0.2	+ 381
1E	Estate buildings and associated areas	89	—	113	—	— 24
1T	Tin mining areas	2,064	0.6	940	0.3	+ 1,124
1X	Other mining and quarrying areas	16	—	—	—	+ 16
1P	Power line right of way	194	—	163	0.1	+ 31
6	Grasslands	7,933	2.5	19,483	6.2	— 11,550
7F	Forest	38,021	12.0	48,055	15.2	— 10,034
7S	Scrub forest	7,557	2.3	8,791	2.8	— 1,234
7C	Newly cleared land	14,754	4.6	2,049	0.6	+ 12,705
8	Swamps	139,595	44.2	155,036	49.1	— 15,441
9	Unused land	569	0.1	179	0.1	+ 390
UN	Unclassified	12,567	3.9	10,503	3.3	+ 2,064
	Total	224,217	70.4+	245,789	77.8*	— 21,572

+ Based on the district total of 445,470 acres

* Based on the district total of 431,615 acres

Table PK 18.1
Summary of non-agricultural land use in the mukims of the district of Perak Tengah (Perak)

Code	Land Use Category	BANDAR		BELANJA		BOTA		JAYA BARU		KAMPONG GAJAH		KOTA SETIA	
		1974	1966	1974	1966	1974	1966	1974	1966	1976	1966	1974	1966
1U	Urban and associated areas	25	–	215	187	133	69	–	–	223	132	1	–
1E	Estate buildings and associated areas	–	–	89	103	–	4	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	62	–	–	–	1,346	926	–	–
1X	Other mining and quarrying areas	–	–	–	–	16	–	–	–	–	–	–	–
1P	Power line right of way	–	–	194	163	–	–	–	–	–	–	–	–
6	Grasslands	73	171	1,643	3,035	814	2,574	422	546	804	1,476	1,506	2,102
7F	Forest	21	1,314	12,697	18,651	11,345	11,837	–	339	787	802	345	1,035
7S	Scrub forest	43	200	2,458	1,693	907	651	61	104	318	400	1,423	814
7C	Newly cleared land	1,850	15	5,295	1,046	1,006	215	4,169	5	16	52	555	33
8	Swamps	7,369	9,364	6,376	6,995	9,214	11,977	32,903	38,205	5,947	7,938	8,895	10,116
9	Unused land	21	–	52	25	134	58	–	–	–	9	–	–
UN	Unclassified	1,188	1,026	1,214	1,276	1,169	1,154	1,067	6	1,207	242	3,285	3,139
	Total	10,590	12,090	30,233	33,174	24,800	28,539	38,622	39,205	10,648	11,977	16,010	17,239

Table PK 18.1 cont'd

Code	Land Use Category	LAMBOR KANAN		LAMBOR KIRI		LAYANG–LAYANG		PASIR PANJANG ULU		PASIR SALAK		PULAU TIGA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	49	22	49	34	33	17	–	4	83	–	47	12
1E	Estate buildings and associated areas	–	–	–	6	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	6	–	650	14	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	203	400	122	244	559	1,177	223	3,875	362	1,589	1,202	2,294
7F	Forest	4,792	4,729	–	149	2,370	2,633	695	2,792	521	1,701	4,448	2,073
7S	Scrub forest	293	380	104	308	149	428	401	1,780	650	1,458	750	575
7C	Newly cleared land	–	31	170	130	333	55	376	333	731	50	253	84
8	Swamps	2,400	2,755	9,554	9,640	4,627	4,620	18,448	16,101	18,210	18,981	15,652	18,344
9	Unused land	81	14	62	20	45	29	67	–	32	15	75	9
UN	Unclassified	309	350	492	389	576	694	658	751	558	494	844	982
	Total	8,127	8,681	10,553	10,920	8,698	9,653	21,518	25,650	21,147	24,288	23,271	24,373

Table PK 19
Summary of agricultural land use in the district of Perak Tengah (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	10,831	3.4	8,527	2.7	+ 2,304
2M	Market gardening	6	—	—	—	+ 6
2E	Agricultural stations	146	—	112	—	+ 34
3Gy	Young rubber	4,490	1.4	—	—	—
3Gm	Mature rubber	29,719	9.4	—	—	—
3Gs	Senile rubber	14,013	4.4	—	—	—
	Sub-total	48,222	15.3	41,358	13.1	+ 6,864
30y	Young oil palm	10	—	—	—	—
30m	Mature oil palm	—	—	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	10	—	8	—	+ 2
3Cy	Young coconut	461	0.1	—	—	—
3Cm	Mature coconut	3,195	1.0	—	—	—
3Cs	Senile coconut	46	—	—	—	—
	Sub-total	3,702	1.2	2,495	0.8	+ 1,207
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	8	—	—	—	+ 8
3A	Cocoa	156	—	—	—	+ 156
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	1,509	0.4	45	—	+ 1,464
3F	Fibre crops	—	—	—	—	—
3S	Sago	397	0.1	330	0.1	+ 67
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	15,324	4.8	13,695	4.3	+ 1,629
4C	Diversified crops	11,002	3.4	3,582	1.1	+ 7,420
4X	Shifting cultivation	—	—	8	—	— 8
5	Improved permanent pasture	—	—	—	—	—
	Total	91,313	28.4+	70,160	22.2*	+ 21,153

+ Based on the district total of 315,530 acres

* Based on the district total of 315,949 acres

Table PK 19.1
Summary of agricultural land use in the mukims of the district of Perak Tengah (Perak)

Code	Land Use Category	BANDAR		BELANJA		BOTA		JAYA BARU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	410	268	2,349	1,805	2,095	1,502	16	8
2M	Market gardening	–	–	6	–	–	–	–	–
2E	Agricultural stations	–	–	–	15	30	–	–	–
3Gy	Young rubber	88	–	1,857	–	608	–	1	–
3Gm	Mature rubber	312	–	14,013	–	3,946	–	–	–
3Gs	Senile rubber	545	–	4,353	–	1,035	–	–	–
	Sub-total	945	780	20,223	17,827	5,599	5,160	1	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	8	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	48	–
3Cm	Mature coconut	35	–	43	–	31	–	14	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	35	–	43	23	31	8	62	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	106	–	89	6	232	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	3	–	204	232	145	87	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,208	170	1,837	2,167	3,724	3,296	–	245
4C	Diversified crops	70	51	706	431	2,619	611	229	119
4X	Shifting cultivation	–	–	–	–	–	8	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,777	1,277	25,457	22,506	14,465	10,672	308	372

Table PK 19.1 cont'd

Code	Land Use Category	KAMPONG GAJAH		KOTA SETIA		LAMBOR KANAN		LAMBOR KIRI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	517	524	174	91	789	717	573	368
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	236	–	–	–	83	–	72	–
3Gm	Mature rubber	928	–	47	–	2,363	–	1,020	–
3Gs	Senile rubber	1,937	–	18	–	221	–	36	–
	Sub-total	3,101	2,329	65	223	2,667	2,106	1,128	918
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	4	–	381	–	–	–	–	–
3Cm	Mature coconut	2	–	2,846	–	–	–	1	–
3Cs	Senile coconut	–	–	46	–	–	–	–	–
		6	9	3,273	2,429	–	10	1	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	229	–	–	–	19	–	17	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	3	3	23	–	–	–	4	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	729	586	–	516	1,279	1,354	803	941
4C	Diversified crops	245	50	957	4	31	42	138	70
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,830	3,501	4,492	3,263	4,785	4,229	2,664	2,297

Table PK 19.1 cont'd

Code	Land Use Category	LAYANG LAYANG		PASIR PANJANG ULU		PASIR SALAK		PULAU TIGA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,068	972	796	630	503	357	1,541	1,285
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	116	97	–	–	–	–	–	–
3Gy	Young rubber	424	–	514	–	100	–	507	–
3Gm	Mature rubber	1,142	–	1,072	–	952	–	3,924	–
3Gs	Senile rubber	1,462	–	1,793	–	1,145	–	1,468	–
	Sub-total	3,028	2,544	3,379	2,592	2,197	1,484	5,899	5,395
30y	Young oil palm	–	–	–	–	–	–	10	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	10	–
3Cy	Young coconut	–	–	–	–	–	–	28	–
3Cm	Mature coconut	11	–	–	–	212	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	11	–	–	–	212	–	28	16
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	8	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	156	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	6	–	154	6	449	19	208	14
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	8	8	–	–	–	–	7	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,588	2,536	230	204	1,631	241	1,295	1,439
4C	Diversified crops	713	433	4,164	1,159	536	286	594	326
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	7,546	6,590	8,723	4,591	5,684	2,387	9,582	8,475

Table PK 20
Summary of non-agricultural land use in the district of Perak Ulu (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,441	—	1,274	0.1	+ 167
1E	Estate buildings and associated areas	320	—	41	—	+ 279
1T	Tin mining areas	1,369	—	650	—	+ 719
1X	Other mining and quarrying areas	8	—	14	—	— 6
1P	Power line right of way	156	—	145	—	+ 11
6	Grasslands	8,494	0.4	26,740	1.6	— 18,246
7F	Forest	1,471,466	90.6	1,474,807	90.9	— 3,341
7S	Scrub forest	32,109	1.9	39,046	2.4	— 6,937
7C	Newly cleared land	6,048	0.3	7,328	0.4	— 1,280
8	Swamps	720	—	782	—	— 62
9	Unused land	2,540	0.1	955	—	+ 1,585
UN	Unclassified	9,221	0.5	10,393	0.6	— 1,172
	Total	1,533,892	94.5+	1,562,178	96.3*	— 28,286

+ Based on the district total of 315,530 acres

* Based on the district total of 315,949 acres

Table PK 20.1
Summary of non-agricultural land use in the mukims of the district of Perak Ulu (Perak)

Code	Land Use Category	BELUKAR SEMANG		BELUM		DURIAN PIPIT		GRIK	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	38	26	–	–	19	14	578	430
1E	Estate buildings and associated areas	–	–	–	–	–	–	236	4
1T	Tin mining areas	4	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	5	6
1P	Power line right of way	95	103	–	–	–	–	–	–
6	Grasslands	93	640	–	200	321	1,161	2,406	5,251
7F	Forest	28,606	29,280	200,044	198,887	18,934	18,503	65,952	70,409
7S	Scrub forest	955	1,148	–	1,449	828	1,356	7,976	6,966
7C	Newly cleared land	33	118	–	–	311	234	1,192	2,299
8	Swamps	7	23	–	–	79	141	9	22
9	Unused land	–	113	14	14	1,935	9	175	143
UN	Unclassified	179	59	1,165	673	–	2,125	1,137	1,112
	Total	30,010	31,510	201,223	201,223	22,427	23,543	79,666	86,642

Code	Land Use Category	KENERING		KEROH		KERUNAI		LENGGONG		TEMELONG		TEMENGOR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	27	13	339	311	21	15	299	383	41	3	79	79
1E	Estate buildings and associated areas	–	–	–	–	–	–	84	13	–	24	–	–
1T	Tin mining areas	–	–	1,365	650	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	3	–	–	–	–	–	–	–	–	–	–	8
1P	Power line right of way	–	–	61	42	–	–	–	–	–	–	–	–
6	Grasslands	188	2,332	237	2,964	326	1,541	2,821	9,036	446	1,718	1,619	1,897
7F	Forest	195,867	197,710	39,019	38,854	51,373	54,362	157,676	160,236	18,561	18,866	695,702	687,700
7S	Scrub forest	2,627	1,955	3,744	4,873	5,884	4,468	7,134	6,276	1,183	818	1,516	9,737
7C	Newly cleared land	374	365	137	828	476	1,020	2,827	2,185	336	237	362	42
8	Swamps	51	21	186	139	8	22	–	162	82	252	298	–
9	Unused land	9	–	–	–	–	–	21	383	–	14	386	279
UN	Unclassified	977	985	78	180	451	315	1,595	1,342	549	611	3,102	2,994
	Total	200,123	203,381	45,166	48,841	58,539	61,743	172,457	180,016	21,198	22,543	703,064	702,736

Table PK 21
Summary of agricultural land use in the district of Perak Ulu (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,655	0.3	4,196	0.3	+ 1,369
2M	Market gardening	–	–	102	–	– 102
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	14,258	0.8	–	–	–
3Gm	Mature rubber	48,892	3.0	–	–	–
3Gs	Senile rubber	12,165	0.7	–	–	–
	Sub-total	75,315	4.5	46,350	2.9	+ 28,965
30y	Young oil palm	14	–	–	–	–
30m	Mature oil palm	21	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	35	–	–	–	+ 35
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	–	–	40	–	– 40
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	122	–	34	–	+ 88
3F	Fibre crops	–	–	–	–	–
3S	Sago	30	–	47	–	– 17
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	3	–	– 3
3R	Arecanut	–	–	–	–	–
4P	Padi	5,167	0.3	5,095	0.3	+ 72
4C	Diversified crops	2,427	0.1	1,523	0.1	+ 904
4X	Shifting cultivation	665	–	2,192	0.1	– 1,527
5	Improved permanent pasture	–	–	–	–	–
	Total	89,416	5.5+	59,582	3.7*	+ 29,834

+ Based on the district total of 1,623,308 acres

* Based on the district total of 1,621,760 acres

Table PK 21.1
Summary of agricultural land use in the mukims of the district of Perak Ulu (Perak)

Code	Land Use Category	BELUKAR SEMANG		BELUM	
		1974	1966	1974	1966
2H	Mixed horticulture	70	174	–	–
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	557	–	–	–
3Gm	Mature rubber	2,436	–	–	–
3Gs	Senile rubber	581	–	–	–
	Sub-total	3,574	2,082	–	–
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	–	–	–	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	–	–	–	–
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	249	171	–	–
4C	Diversified crops	–	–	–	–
4X	Shifting cultivation	34	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	3,927	2,427	–	–

Table PK 21.1 cont'd

Code	Land Use Category	DURIAN PIPIT		GRIK		KENERING		KEROH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	390	323	1,189	912	867	249	547	461
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,147	–	3,889	–	930	–	415	–
3Gm	Mature rubber	3,299	–	15,336	–	3,825	–	6,152	–
3Gs	Senile rubber	1,491	–	2,136	–	1,171	–	2,350	–
	Sub-total	5,937	4,960	21,361	14,174	5,926	3,085	8,917	5,204
30y	Young oil palm	14	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	21	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	14	–	21	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	4	–	–	–	–	–	19
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	21	8	3	4	17	–	5	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	3	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	311	384	957	1,022	149	161	800	712
4C	Diversified crops	152	16	524	508	161	163	–	–
4X	Shifting cultivation	–	–	40	286	196	301	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,825	5,695	24,095	16,906	7,316	3,962	10,269	6,396

Table PK 21.1 cont'd

Code	Land Use Category	KERUNAI		LENGGONG		TEMELONG		TEMENGOR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	773	493	1,170	1,019	611	537	38	28
2M	Market gardening	–	–	–	–	–	–	–	102
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,857	–	4,709	–	754	–	–	–
3Gm	Mature rubber	3,433	–	9,009	–	4,032	–	1,370	–
3Gs	Senile rubber	623	–	2,525	–	1,288	–	–	–
	Sub-total	5,913	2,480	16,243	9,070	6,074	4,927	1,370	368
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	5	–	12	–	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	3	40	4	36	6	–	9
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	30	47	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	772	721	1,272	1,265	476	464	181	195
4C	Diversified crops	79	69	1,148	663	363	104	–	–
4X	Shifting cultivation	–	–	353	367	–	–	23	1,238
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	7,537	3,771	20,256	12,447	7,560	6,038	1,612	1,940

Table PK 22
Summary of non-agricultural land use in the district of Selama (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	310	0.2	608	0.3	– 298
1E	Estate buildings and associated areas	450	0.2	159	0.1	+ 291
1T	Tin mining areas	–	–	118	–	– 118
1X	Other mining and quarrying areas	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–
6	Grasslands	1,260	0.7	3,931	2.1	– 2,671
7F	Forest	113,085	59.8	119,521	63.6	– 6,436
7S	Scrub forest	6,242	3.3	6,646	3.5	– 404
7C	Newly cleared land	3,549	1.9	3,313	1.8	+ 236
8	Swamps	4,720	2.5	7,711	4.1	– 2,991
9	Unused land	156	0.1	–	–	+ 156
UN	Unclassified	580	0.3	793	0.4	– 213
	Total	130,352	69.0+	142,805	76.0*	– 12,453

+ Based on the district total of 1,623,308 acres

* Based on the district total of 1,621,760 acres

Table PK 22.1
Summary of non-agricultural land use in the mukims of the district of Selama (Perak)

Code	Land Use Category	SELAMA		ULU IJOK		ULU SELAMA	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	199	258	69	276	42	66
1E	Estate buildings and associated areas	42	78	408	83	–	–
1T	Tin mining areas	–	68	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	359	1,429	767	1,256	134	1,254
7F	Forest	8,736	10,208	36,932	39,505	67,417	69,776
7S	Scrub forest	2,169	1,756	2,094	2,629	1,979	2,228
7C	Newly cleared land	1,273	879	1,266	1,380	1,010	1,058
8	Swamps	3,092	4,884	1,474	2,088	154	765
9	Unused land	156	–	–	–	–	–
UN	Unclassified	109	301	258	241	213	251
	Total	16,135	19,861	43,268	47,458	70,949	75,398

Table PK 23
Summary of agricultural land use in the district of Selama (Perak)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,262	2.3	4,209	2.2	+ 53
2M	Market gardening	–	–	4	–	– 4
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	9,072	4.8	–	–	–
3Gm	Mature rubber	28,824	15.2	–	–	–
3Gs	Senile rubber	9,381	5.0	–	–	–
	Sub-total	47,277	25.0	34,951	18.6	+ 12,326
30y	Young oil palm	790	0.4	–	–	–
30m	Mature oil palm	704	0.4	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	1,494	0.8	–	–	+ 1,494
3Cy	Young coconut	10	–	–	–	–
3Cm	Mature coconut	4	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	14	–	50	–	– 36
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	99	0.1	39	–	+ 60
3F	Fibre crops	–	–	–	–	–
3S	Sago	20	–	6	–	+ 14
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	5,100	2.7	5,842	3.1	– 742
4C	Diversified crops	423	0.2	61	–	+ 362
4X	Shifting cultivation	–	–	4	–	– 4
5	Improved permanent pasture	–	–	–	–	–
	Total	58,689	31.0+	45,166	24.0*	+ 13,523

+ Based on the district total of 189,041 acres

* Based on the district total of 187,971 acres

Table PK 23.1
Summary of agricultural land use in the mukims of the district of Selama (Perak)

Code	Land Use Category	SELAMA		ULU IJOK		ULU SELAMA	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	796	710	1,271	1,498	2,195	2,017
2M	Market gardening	–	4	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	2,540	–	2,763	–	3,769	–
3Gm	Mature rubber	12,772	–	9,290	–	6,762	–
3Gs	Senile rubber	3,159	–	2,913	–	3,309	–
	Sub-total	18,471	15,643	14,966	10,799	13,840	8,559
30y	Young oil palm	206	–	522	–	62	–
30m	Mature oil palm	704	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	910	–	522	–	62	–
3Cy	Young coconut	10	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	10	–	–	6	4	46
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	8	9	61	21	30	9
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	14	2	–	–	6	4
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	964	1,091	1,501	1,862	2,635	2,913
4C	Diversified crops	51	20	280	25	92	16
4X	Shifting cultivation	–	4	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	21,224	17,483	18,601	14,211	18,864	13,564

THE PRESENT LAND USE OF PERLIS

The General Pattern

Agriculture, the major activity of the State of Perlis, is centred on the terraces of the north and east and the coastal plains of the south and southwest. The east-central portion is only sparsely cultivated with rubber, the predominant form of land use being grassland and scrub (bamboo) forest. The extreme north is still largely primary jungle. The west is occupied by a characteristic vegetation growing on limestone hills and ridges; the limestone hills are characterised by bare, steepsided cliffs and scrub-covered tops. Within this karst landscape deep, steep-walled funnel-like sink-holes or dolines (Strabler, 1960) and open, flat-floored valleys (poljes) occur. The poljes, known locally as "wangs" support agricultural settlements.

Padi, the major crop, is cultivated on the coastal plain. Rubber, the next most extensive crop is grown mainly on the terraces and hills. Areas cultivated with young rubber plants amount to 3,933 acres (1,593 ha) while old or moribund holdings total 3,139 acres (1,271 ha). The largest acreage, however, is occupied by mature holdings there being 11,564 acres (4,683 ha) at the time of survey. Sugarcane, a very recent addition, is cultivated on a commercial plantation basis in the north-east. A characteristic feature of the largely smallholder agriculture is the presence of numerous, narrow and elongated settlement groups collectively mapped under the mixed horticulture sub-category. These rural and semi-urban conurbations are usually sited on higher ground in the padi plain and along roads, rivers and canal embankments.

Post – 1966 Developments

The reduction of 590 acres in the total physical area of the State is expected as adjustments in the alignment of the international boundary with Thailand have been carried out. This change only affects the forest and scrub forest categories as the border areas are largely covered by forest and scrubland. This reduction is also reflected in the land use acreage. Total land under active cultivation in the State has increased by 20,955 acres (8,487 ha). While this constitutes the increase in cultivated land there is also land newly cleared which is earmarked for the same purpose. Including the newly cleared land the total land area devoted to agricultural use in 1974 would be 128,225 acres (51,931 ha). This figure constitutes an increase of 24,697 acres (10,002 ha) over that of 1966 (Table PS 1).

The reduction in the forest acreage (Table PS 2) since 1966 is largely accounted for by the introduction of large scale sugarcane cultivation in the mukims of Cuping, Padang Sidang and Titi Tinggi (Table PS 3.1) over a total area of 16,635 acres or 6,737 hectares (Tables PS 3). Similarly there is almost a one-to-one change from unused land to scrub forest which has resulted from the increase in vegetative cover of limestone hills and ridges. On the other hand scrub forests and grasslands in other parts of the State have been utilized for cultivation principally for mixed horticulture. Swampland has also been reclaimed with large portions being converted to padi land in the mukims of Beseri and Cuping and, to a smaller extent, Seriap and Titi Tinggi. With the completion of the Muda Irrigation Scheme all the padiland south of Kangsar and Arau have been provided with irrigation facilities so that double cropping annually is now possible.

The northern part of the padi plain, as found in the previous survey (Siew, 1969b), is sited on higher ground which is part of a system of river terraces (Soo, 1972). A characteristic feature of this part of the plain is the presence of abundant termite hills which are "mounds of varying sizes ranging from 10 to 30 feet (3-10 m) in diameter at the base and 5-15 feet (2-5 m) tall. In the padi-growing area, these termite hills accounted for as much as one-tenth of an acre in some places and as such they detract substantially from the productive part of the field thus reducing the yield" (Siew, 1969b).

Table PS 1
The land use summary of the State of Perlis

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	200,225	200,225	–
Total land use area	200,227*	200,397	– 170
Cultivated area	124,463	101,697	+ 22,766
Newly cleared land	3,762	1,831	+ 1,931
Total agricultural land	128,225	103,528	+ 24,697

* The land use acreage in 1974 is 2 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. In 1966 the difference was 172 acres.

Table PS 2
Summary of non-agricultural land use in the State of Perlis

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	1,579	0.8	970	0.5	+ 609
1E	Estate buildings and associated areas	150	0.1	21	–	+ 129
1T	Tin mining areas	6	–	–	–	+ 6
1X	Other mining and quarrying areas	136	0.1	58	–	+ 78
1P	Power line right of way	–	–	–	–	–
6	Grasslands	6,701	3.4	9,146	4.6	– 2,445
7F	Forest	27,728	13.9	45,566	22.7	– 17,838
7S	Scrub forest	33,235	16.6	24,180	12.1	+ 9,055
7C	Newly cleared land	3,762	1.9	1,831	0.9	+ 1,931
8	Swamps	1,468	0.7	4,795	2.4	– 3,327
9	Unused land	78	–	11,587	5.8	– 11,509
UN	Unclassified	921	0.5	546	0.3	+ 375
	Total	75,764	37.8+	98,700	49.3*	– 22,936

\+ Based on the State total of 200,227 acres

* Based on the State total of 200,397 acres

Table PS 2.1
Summary of non-agricultural land use in the mukims of the State of Perlis

Code	Land Use Category	ABI		ARAU		BESERI		CUPING	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	129	114	56	33	87	3
1E	Estate buildings and associated areas	–	–	6	–	–	–	134	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	– 5	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	47	–	49	48	1,530	1,690	1,185	2,420
7F	Forest	3	–	–	–	8	2,321	686	7,302
7S	Scrub forest	208	–	46	56	7,887	2,319	5,783	7,961
7C	Newly cleared land	–	–	–	–	11	124	137	396
8	Swamps	11	235	33	84	173	1,456	123	187
9	Unused land	–	3	–	–	11	3,583	3	643
UN	Unclassified	–	–	125	72	–	–	–	–
	Total	269	238	327	374	9,681	11,526	8,139	18,912

Table PS 2.1 cont'd

Code	Land Use Category	JEJAWI		KAYANG		KECOR		KUALA PERLIS		KURONG ANAI		KURONG BATANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	34	–	44	14	168	148	173	123	57	39	98	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	1	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	1	–	–	–	–	3	9	1	24	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	48	3	8	–	15	2	24	8	135	311	269	334
7F	Forest	–	–	–	132	3	167	–	1,470	153	92	4	3,557
7S	Scrub forest	58	–	308	175	178	–	1,694	261	636	1,120	4,847	494
7C	Newly cleared land	–	–	–	3	–	–	10	–	57	353	17	83
8	Swamps	12	27	84	148	7	11	352	536	61	23	59	337
9	Unused land	–	–	–	–	–	–	12	19	–	–	–	667
UN	Unclassified	34	–	108	58	9	6	160	158	148	48	–	–
	Total	186	30	553	530	380	334	2,425	2,578	1,257	1,987	5,318	5,472

Code	Land Use Category	NGOLANG		ORAN		PADANG PAUH		PADANG SIDANG		PAYA		SANGLANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	13	6	9	12	4	–	4	1	19	5	80	65
1E	Estate buildings and associated areas	–	–	4	6	–	–	5	4	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	7	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	26	–	74	37	8	–	264	346	28	64	29	6
7F	Forest	–	–	–	–	–	–	4,184	3,855	–	–	–	–
7S	Scrub forest	21	11	84	92	11	–	1,420	7,722	118	–	–	8
7C	Newly cleared land	–	–	1	4	–	–	2,209	300	–	–	5	–
8	Swamps	–	–	–	2	15	–	110	68	4	167	102	202
9	Unused land	–	–	–	–	–	–	–	–	–	9	45	10
UN	Unclassified	–	–	–	–	–	–	4	1	–	–	177	100
	Total	60	17	172	153	38	–	8,207	12,297	169	245	438	391

Table PS 2.1 cont'd

Code	Land Use Category	SENA		SERIAP		SUNGAI ADAM		TITI TINGGI		UTAN AJI		WANG BINTONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	139	73	34	–	–	–	241	216	101	41	89	77
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	11	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	6	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	9	–	80	54	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	25	–	14	–	10	3	2,856	3,824	48	40	4	10
7F	Forest	–	–	–	–	–	–	22,675	26,473	10	–	2	197
7S	Scrub forest	7	–	165	166	8	–	9,487	3,749	30	41	239	5
7C	Newly cleared land	–	–	–	3	–	–	1,293	563	22	2	–	–
8	Swamps	83	88	56	972	2	–	36	22	1	15	144	215
9	Unused land	–	–	–	–	–	–	7	6,653	–	–	–	–
UN	Unclassified	4	–	30	27	–	–	40	54	52	3	30	19
	Total	258	161	299	1,168	20	3	36,650	41,565	344	196	508	523

Table PS 3
Summary of agricultural land use in the State of Perlis

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	15,941	8.0	13,716	6.8	+ 2,225
2M	Market gardening	—	—	42	—	— 42
2E	Agricultural stations	113	0.1	9	—	+ 104
3Gy	Young rubber	3,933	2.0	—	—	—
3Gm	Mature rubber	11,564	6.8	—	—	—
3Gs	Senile rubber	3,139	1.6	—	—	—
	Sub-total	18,636	10.4	18,338	9.2	+ 298
30y	Young oil palm	8	—	—	—	—
30m	Mature oil palm	—	—	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	8	—	—	—	+ 8
3Cy	Young coconut	40	—	—	—	—
3Cm	Mature coconut	308	0.1	—	—	—
3Cs	Senile coconut	6	—	—	—	—
	Sub-total	354	0.2	693	0.3	— 339
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	37	—	— 37
3Y	Sugarcane	16,635	8.3	—	—	+ 16,635
3X	Orchards	396	0.2	240	0.1	+ 156
3F	Fibre crops	—	—	—	—	—
3S	Sago	198	0.1	323	0.2	— 125
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	70,994	35.5	67,795	33.8	+ 3,199
4C	Diversified crops	1,188	0.6	504	0.3	+ 684
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	—	—	—	—	—
	Total	124,463	62.2+	101,697	50.7*	+ 22,766

+ Based on the State total of 200,227 acres

* Based on the State total of 200,397 acres

Table PS 3.1
Summary of agricultural land use in the mukims of the State of Perlis

Code	Land Use Category	ABI		ARAU	
		1974	1966	1974	1966
2H	Mixed horticulture	510	530	976	924
2M	Market gardening	–	–	–	1
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	212	–
3Gm	Mature rubber	–	–	253	–
3Gs	Senile rubber	14	–	229	–
	Sub-total	14	18	694	715
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	9	–	114	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	9	14	114	59
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	7	11	20	16
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	1,697	1,695	6,104	6,203
4C	Diversified crops	–	–	2	6
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	2,237	2,268	7,910	7,924

Table PS 3.1

Code	Land Use Category	BESERI		CUPING		JEJAWI		KAYANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,298	1,012	1,297	1,039	454	569	940	679
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	88	9	–	–	–	–	–	–
3Gy	Young rubber	420	–	194	–	3	–	–	–
3Gm	Mature rubber	1,865	–	959	–	161	–	9	–
3Gs	Senile rubber	472	–	311	–	176	–	–	–
	Sub-total	2,757	2,752	1,464	2,428	340	377	9	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	13	–	2	–	4	–	–	–
3Cm	Mature coconut	5	–	1	–	8	–	43	–
3Cs	Senile coconut	–	–	–	–	–	–	3	–
	Sub-total	18	44	3	6	12	–	46	211
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	11	–	–	–	–	–	–
3Y	Sugarcane	–	–	10,213	–	–	–	–	–
3X	Orchard	164	211	29	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	24	56	26	7	9	29	6	1
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,522	2,169	3,180	2,540	2,275	2,271	7,498	7,631
4C	Diversified crops	285	156	148	43	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	8,156	6,420	16,990	6,063	3,090	3,246	8,499	8,522

Table PS 3.1 cont'd

Code	Land Use Category	KECOR		KUALA PERLIS		KURONG ANAI		KURONG BATANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	515	486	294	246	1,101	1,044	734	256
2M	Market gardening	–	–	–	–	–	29	–	–
2E	Agricultural stations	–	–	–	–	25	–	–	–
3Gy	Young rubber	–	–	–	–	1,222	–	20	–
3Gm	Mature rubber	3	–	–	–	1,476	–	68	–
3Gs	Senile rubber	6	–	8	–	501	–	15	–
	Sub-total	9	42	8	15	3,199	2,629	103	228
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	1	–	1	–
3Cm	Mature coconut	5	–	4	–	9	–	–	–
3Cs	Senile coconut	–	–	3	–	–	–	–	–
	Sub-total	5	16	7	4	10	–	1	51
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	12	–	16	–	2	3
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	16	9	–	5
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,276	1,307	3,765	3,668	6,764	6,841	989	1,088
4C	Diversified crops	–	–	–	–	203	48	–	44
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,805	1,851	4,086	3,933	11,334	10,604	1,829	1,675

Table PS 3.1 cont'd

Code	Land Use Category	NGOLANG		ORAN		PADANG PAUH		PADANG SIDANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	366	411	437	447	534	509	539	478
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	5	–	74	–	17	–	221	–
3Gm	Mature rubber	50	–	174	–	8	–	1,034	–
3Gs	Senile rubber	24	–	554	–	–	–	466	–
	Sub-total	79	88	802	853	25	43	1,721	1,986
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–	1	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	4	–	–	1	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	7	–	10	–	–	–	4,250	–
3F	Fibre crops	–	–	–	–	–	–	23	–
3S	Sago	28	23	12	17	23	45	2	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,012	1,021	1,015	993	1,215	1,239	1,392	1,395
4C	Diversified crops	8	–	19	–	1	–	47	26
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,500	1,543	2,295	2,314	1,798	1,836	7,975	3,885

Code	Land Use Category	PAYA		SANGLANG		SENA		SERIAP	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	832	693	1,638	1,362	486	426	441	455
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	7	–	–	–	–	–	–	–
3Gm	Mature rubber	37	–	–	–	–	–	–	–
3Gs	Senile rubber	42	–	–	–	–	–	–	–
	Sub-total	86	119	–	–	–	18	–	4
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	70	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	70	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	12	–	–	–	–	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	12	32	–	88	–	33	4	3
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	26	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	2	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	8	93	–	–	2	6	1	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,673	1,765	12,915	13,220	2,422	2,524	1,774	889
4C	Diversified crops	3	–	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,616	2,728	14,623	14,670	2,910	3,007	2,220	1,351

Code	Land Use Category	SUNGAI ADAM		TITI TINGGI		UTAN AJI		WANG BINTONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	267	288	1,052	617	841	832	385	413
2M	Market gardening	–	–	–	12	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2	–	1,549	–	4	–	–	–
3Gm	Mature rubber	18	–	5,355	–	85	–	–	–
3Gs	Senile rubber	22	–	186	–	105	–	–	–
	Sub-total	42	35	7,090	5,768	194	220	–	–
30y	Young oil palm	–	–	8	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	8	–	–	–	–	–
3Cy	Young coconut	–	–	19	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	23	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	19	63	23	62	–	3
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	2,172	–	–	–	–	–
3X	Orchard	–	–	126	22	5	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	7	1	–	–	–	–	7	4
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	983	992	1,557	947	5,449	5,546	1,887	1,851
4C	Diversified crops	–	–	472	181	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,299	1,316	12,496	7,610	6,512	6,660	2,279	2,271

THE PRESENT LAND USE OF PULAU PINANG & SEBERANG PRAI

The General Pattern

Contrasting physical background and history have resulted in different land use patterns on the island of Pulau Pinang and the mainland at Seberang Prai. Agriculture was never an important industry on the island. This is partly due to the thriving entreport trade and partly due to the limited availability of land suitable for agriculture on the island. Since there is very little lowland on the island there is consequently a real pressure for land. The result is that cultivation of crops has taken place on very steep slopes in the hilly and mountainous terrain to heights above the 1,000 foot (305 m) contour e.g. around the Balik Pulau hills and the Bukit Penara area. Rubber is the major crop of the upland region. Cultivation of this crop on the steep slopes has resulted in large acreages of moribund and senile trees since replanting is usually more difficult on such slopes than on lower slopes. Where replanting has taken place, however, it has been observed that cash cropping with bananas is common. Coconuts are cultivated on the steep slopes as well as on the coastal plains. In steepland areas, however, the coconut groves are usually small and are often intercropped with fruit trees. A significant form of land use of the hilly land is the cultivation of orchards of nutmeg and cloves often intertilled with one another and with durians and rambutans. Available coastal lowlands are utilized mainly for padi cultivation in the west and southeast while the northwest has been developed into Georgetown the port and capital of the State.

On Seberang Prai, rubber is still the dominant crop, being cultivated almost exclusively on the hills in the eastern half. Padi is the major crop on the coastal plain being most extensively cultivated in the northern half of the plain with a smaller portion in the south consisting of an extension of the Krian Padi Basin in the northwest of Perak State. Coconuts fill the areas between the padi basins being more extensive in the north than in the south where oil palm is also cultivated. Pineapple, grown on much smaller areas are dispersed throughout the central and southern portions of the coastal plain.

The land use area is 1,295 acres (524 ha) larger than the physical area as a result of the adoption of the crop equivalent factor which is described under the section on the Methodology of Survey. Most of the inter-cropping giving rise to this increase in land use acreage is between young rubber or orchards and diversified crops on Pulau Pinang and between coconut and pineapple on Seberang Prai.

Post – 1966 Developments

The overall physical area of the State shows an increase of 304 acres (123 ha) since 1966 (Table PG 1). This has resulted from coastal accretion arising from the spread of mangrove swamps mostly on the Seberang Prai side. Scarcity of readily cultivable land has limited the expansion of agriculture in this State so that the land use area in 1974 has merely increased by 572 acres (232 ha) over that in 1966 (Siew, 1969a).

Total cultivated land has increased by 4,661 acres (1,888 ha) mainly as a result of the cultivation of land which had been newly cleared in 1966. Including newly cleared land, therefore, there is only an increase of 1,508 acres (611 ha) of agricultural land in the State in 1974.

Further comparisons by land use category at the State, district and mukim levels are indicated in Tables PG 2 to PG 13.

Table PG 1
The land use summary of the State of Pulau Pinang/Seberang Prai

Description	1974	1966	Increase (+) or decrease (–) over 1966 total acres
	acres	acres	
Total physical area	258,022	257,718	+ 304
Total land use area	259,317*	258,745	+ 572
Cultivated area	182,037	177,376	+ 4,661
Newly cleared land	799	3,952	– 3,153
Total agricultural land	182,836	181,328	+ 1,508

* The land use acreage in 1974 is 1,295 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed association. The difference in 1966 was 1,027 acres.

Table PG 2
Summary of non-agricultural land use in the State of Pulau Pinang-Seberang Prai

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres	
		Total acres	% of State	Total acres	% of State		
1U	Urban and associated areas	20,270	7.8	13,154	5.1	+	7,116
1E	Estate buildings and associated areas	382	0.1	390	0.2	—	8
1T	Tin mining areas	45	—	—	—	+	45
1X	Other mining and quarrying areas	719	0.3	349	0.1	+	370
1P	Power line right of way	82	—	481	0.2	—	399
6	Grasslands	5,173	2.0	9,337	3.6	—	4,164
7F	Forest	20,607	8.0	19,824	7.7	+	783
7S	Scrub forest	8,673	3.3	8,771	3.4	—	98
7C	Newly cleared land	799	0.3	3,952	1.5	—	3,153
8	Swamps	14,811	5.7	17,096	6.6	—	2,285
9	Unused land	508	0.2	1,249	0.5	—	741
UN	Unclassified	5,211	2.0	6,766	2.6	—	1,555
	Total	77,280	29.8+	81,369	31.4*	—	4,089

+ Based on the State total of 259,317 acres

* Based on the State total of 258,745 acres

Table PG 3
Summary of agricultural land use in the State of Pulau Pinang – Seberang Prai

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	21,223	8.2	24,097	9.3	– 2,874
2M	Market gardening	955	0.4	1,286	0.5	– 331
2E	Agricultural stations	221	0.1	31	–	+ 190
3Gy	Young rubber	6,862	2.7	–	–	–
3Gm	Mature rubber	55,742	21.5	–	–	–
3Gs	Senile rubber	11,003	4.2	–	–	–
	Sub-total	73,607	28.4	75,977	29.4	– 2,370
30y	Young oil palm	2,056	0.8	–	–	–
30m	Mature oil palm	6,866	2.6	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	8,922	3.4	2,473	1.0	+ 6,449
3Cy	Young coconut	770	0.3	–	–	–
3Cm	Mature coconut	22,840	8.8	–	–	–
3Cs	Senile coconut	433	0.2	–	–	–
	Sub-total	24,043	9.3	22,589	8.7	+ 1,454
3N	Pineapple	1,665	0.6	2,541	1.0	– 876
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	12	–	– 12
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	4,229	1.6	1,725	0.7	+ 2,462
3F	Fibre crops	–	–	–	–	–
3S	Sago	13	–	3	–	+ 10
3B	Banana	–	–	–	–	–
3H	Fish ponds	4	–	17	–	– 13
3R	Arecanut	–	–	–	–	–
4P	Padi	44,485	17.2	43,559	16.8	+ 787
4C	Diversified crops	2,670	1.0	3,019	1.2	– 349
4X	Shifting cultivation	–	–	47	–	– 47
5	Improved permanent pasture	–	–	–	–	–
	Total	182,037	70.2+	177,376	68.6*	+ 4,661

+ Based on the State total of 259,317 acres

* Based on the State total of 258,745 acres

Table PG 4
Summary of non-agricultural land use in the district of Barat Daya (Pulau Pinang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,285	3.0	490	1.1	+ 795
1E	Estate buildings and associated areas	10	—	—	—	+ 10
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	76	0.2	25	0.1	+ 51
1P	Power line right of way	—	—	8	—	— 8
6	Grasslands	1,167	2.7	950	2.2	+ 217
7F	Forest	7,458	17.2	7,428	17.3	+ 30
7S	Scrub forest	2,942	6.7	2,631	6.1	+ 311
7C	Newly cleared land	256	0.6	1,109	2.6	— 853
8	Swamps	1,961	4.3	2,123	4.9	— 162
9	Unused land	232	0.5	201	0.5	+ 31
UN	Unclassified	152	0.4	206	0.5	— 54
	Total	15,539	35.9+	15,171	35.3*	+ 368

+ Based on the district total of 43,291 acres

* Based on the district total of 42,918 acres

Table PG 4.1
Summary of non-agricultural land use in the mukims of the district of Barat Daya (Pulau Pinang)

Code	Land Use Category	BAGAN AIR ITAM		BALIK PULAU HILLS		BATU ITAM		BAYAN LEPAS	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	10	13	–	–	49	20	929	255
1E	Estate buildings and associated areas	–	–	–	–	10	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	10	3	–	–	28	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	2	3	3	41	56	52	384	371
7F	Forest	–	–	109	127	155	156	64	66
7S	Scrub forest	4	–	90	157	226	239	156	152
7C	Newly cleared land	–	–	8	101	20	56	64	40
8	Swamps	61	101	–	–	–	–	323	261
9	Unused land	12	–	–	–	–	–	–	11
UN	Unclassified	24	24	–	–	–	10	6	19
	Total	113	141	220	429	516	533	1,954	1,175

Table PG 4.1 cont'd

Code	Land Use Category	BUKIT GEMUROH		GENTING HILLS		GINTING PLAIN		KAMPONG PAYA		KONGSI		PANTAI ACHEH	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	53	–	5	–	–	–	14	6	12	12	48	73
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	92	38	–	8	36	14	40	38	7	4	108	34
7F	Forest	276	247	75	67	–	–	–	–	–	–	3,347	3,360
7S	Scrub forest	350	73	90	31	23	–	6	–	–	–	438	428
7C	Newly cleared land	–	61	38	45	–	–	–	–	–	–	32	282
8	Swamps	7	32	8	8	–	–	–	–	–	–	296	239
9	Unused land	9	26	–	–	–	–	–	–	–	–	29	75
UN	Unclassified	2	–	–	–	–	–	–	–	–	–	3	–
	Total	789	477	216	159	59	14	60	44	19	16	4,301	4,491

Table PG 4.1 cont'd

Code	Land Use Category	PASIR PANJANG HILLS		PERMATANG PASIR		PONDOK UPEH		PULAU BETONG		RELAU HILLS		SUNGAI BURONG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	36	–	2	7	15	17	–	–	–	–	1	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	2	6	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	20	43	20	29	21	51	23	4	43	71	3	16
7F	Forest	143	145	–	–	49	28	–	–	163	256	–	–
7S	Scrub forest	43	136	37	10	57	52	13	–	123	295	–	3
7C	Newly cleared land	–	124	2	–	30	22	–	–	23	149	–	–
8	Swamps	–	–	385	474	–	–	248	296	–	–	103	133
9	Unused land	10	–	34	–	–	–	62	–	–	–	31	–
UN	Unclassified	–	–	34	51	–	–	45	13	3	–	4	12
	Total	252	448	514	571	172	170	391	313	357	777	142	164

Table PG 4.1 cont'd

Code	Land Use Category	SUNGAI PINANG		SUNGAI RUSA		SUNGAI RUSA AND PINANG HILLS		TANJONG KUMBAR		TELOK BAHANG		TITI TRAS	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	18	22	10	14	4	19	–	4	57	11	22	17
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	11	–	25	12	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	8
6	Grasslands	–	–	27	–	17	4	35	35	108	65	122	29
7F	Forest	–	–	–	–	150	192	–	56	2,927	2,728	–	–
7S	Scrub forest	–	–	5	–	242	47	35	143	861	885	32	–
7C	Newly cleared land	–	–	–	–	1	36	33	56	5	134	–	3
8	Swamps	184	196	298	356	–	–	12	8	–	–	–	19
9	Unused land	–	22	35	10	–	–	–	10	10	47	–	–
UN	Unclassified	–	–	26	33	–	–	–	–	–	–	5	10
	Total	202	240	401	413	414	298	126	312	3,993	3,882	181	86

Table PG 5
Summary of agricultural land use in the district of Barat Daya (Pulau Pinang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,201	14.3	6,806	15.8	— 605
2M	Market gardening	180	0.4	146	0.3	+ 34
2E	Agricultural stations	—	—	8	—	— 8
3Gy	Young rubber	1,630	3.8	—	—	—
3Gm	Mature rubber	4,939	11.5	—	—	—
3Gs	Senile rubber	4,062	9.5	—	—	—
	Sub-total	6,631	24.8	10,969	25.6	— 4,372
30y	Young oil palm	—	—	—	—	—
30m	Mature oil palm	—	—	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	—	—	—	—	—
3Cy	Young coconut	74	0.2	—	—	—
3Cm	Mature coconut	3,664	8.5	—	—	—
3Cs	Senile coconut	404	0.9	—	—	—
	Sub-total	4,142	9.6	4,885	11.4	— 743
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchard	2,396	5.5	730	1.7	+ 1,666
3F	Fibre crops	—	—	—	—	—
3S	Sago	5	—	—	—	+ 5
3B	Banana	—	—	—	—	—
3H	Fish ponds	4	—	—	—	+ 4
3R	Arecanut	—	—	—	—	—
4P	Padi	3,925	8.8	4,199	9.8	— 274
4C	Diversified crops	268	0.6	4	—	+ 264
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	—	—	—	—	—
	Total	27,752	64.1+	27,747	64.6*	— 4,029

+ Based on the district total of 43,291 acres

* Based on the district total of 42,918 acres

Table PG 5.1
Summary of agricultural land use in the mukims of the district of Barat Daya (Pulau Pinang)

Code	Land Use Category	BAGAN AIR ITAM		BALIK PULAU HILLS	
		1974	1966	1974	1966
2H	Mixed horticulture	88	–	290	290
2M	Market gardening	–	–	4	4
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	85	–
3Gm	Mature rubber	15	–	240	–
3Gs	Senile rubber	46	–	270	–
	Sub-total	61	75	595	537
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	12	–	–	–
3Cm	Mature coconut	242	–	1	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	254	272	1	8
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	7	3	196	38
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	4	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	348	384	–	–
4C	Diversified crops	–	–	–	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	762	734	1,086	877

Table PG 5.1 cont'd

Code	Land Use Category	BATU ITAM		BAYAN LEPAS		BUKIT GEMUROH		GENTING HILLS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	558	624	1,035	1,242	309	558	231	446
2M	Market gardening	14	21	83	54	–	–	–	–
2E	Agricultural stations	–	–	–	8	–	–	–	–
3Gy	Young rubber	138	–	89	–	103	–	93	–
3Gm	Mature rubber	593	–	390	–	470	–	349	–
3Gs	Senile rubber	422	–	560	–	342	–	119	–
	Sub-total	1,153	1,169	1,039	1,009	915	877	561	643
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	50	–	897	–	94	–	268	–
3Cs	Senile coconut	–	–	300	–	–	–	–	–
	Sub-total	50	107	1,197	1,736	94	341	268	212
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	184	22	312	208	94	–	190	12
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	1,146	1,317	169	142	–	–
4C	Diversified crops	2	–	53	–	37	–	8	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,961	1,943	4,865	5,574	1,618	1,918	1,258	1,313

Code	Land Use Category	GINTING PLAIN		KAMPONG PAYA		KONGSI		PANTAI ACHEH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	137	219	20	27	91	78	185	301
2M	Market gardening	–	–	–	–	–	3	6	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	10	–	–	–	–	–	211	–
3Gm	Mature rubber	39	–	90	–	5	–	533	–
3Gs	Senile rubber	95	–	–	–	34	–	82	–
	Sub-total	144	201	90	114	39	65	826	798
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	6	–	–	–	21	–	–	–
3Cm	Mature coconut	84	–	69	–	50	–	128	–
3Cs	Senile coconut	–	–	–	–	–	–	8	–
	Sub-total	90	28	69	63	71	69	136	89
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	14	3	–	–	18	3	307	82
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	99	91	–	–	–	–	–	–
4C	Diversified crops	13	–	–	–	–	4	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	497	542	179	204	219	222	1,460	1,270

Code	Land Use Category	PASIR PANJANG HILLS		PERMATANG PASIR		PONDOK UPEH		PULAU BETONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	125	296	110	37	770	668	138	46
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	45	–	9	–	56	–	–	–
3Gm	Mature rubber	458	–	14	–	341	–	–	–
3Gs	Senile rubber	51	–	56	–	479	–	–	–
	Sub-total	554	434	79	115	876	1,069	–	8
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	21	–	–	–
3Cm	Mature coconut	274	–	439	–	33	–	155	–
3Cs	Senile coconut	–	–	–	–	51	–	–	–
	Sub-total	274	177	439	352	105	143	155	202
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	152	16	4	–	217	153	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	554	608	–	–	489	477
4C	Diversified crops	14	–	–	–	43	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,119	923	1,186	1,112	2,011	2,033	782	733

Code	Land Use Category	RELAU HILLS		SUNGAI BURONG		SUNGAI PINANG		SUNGAI RUSA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	631	544	59	40	72	66	77	46
2M	Market gardening	69	43	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	252	–	–	–	3	–	–	–
3Gm	Mature rubber	480	–	–	–	36	–	–	–
3Gs	Senile rubber	618	–	–	–	9	–	7	–
	Sub-total	1,350	1,303	–	4	48	17	7	240
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	76	–	154	–	186	–	228	–
3Cs	Senile coconut	–	–	–	–	2	–	–	–
	Sub-total	76	49	154	106	188	170	228	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	234	31	–	–	3	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	5	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	43	66	382	404	61	81	469	473
4C	Diversified crops	91	–	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,499	2,036	595	554	372	334	781	759

Code	Land Use Category	SUNGAI RUSA AND PINANG HILLS		TANJONG KUMBAR		TELOK BAHANG		TITI TRAS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	320	243	529	371	208	356	218	308
2M	Market gardening	–	–	–	–	4	16	–	5
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	212	–	181	–	132	–	11	–
3Gm	Mature rubber	185	–	310	–	375	–	16	–
3Gs	Senile rubber	209	–	359	–	123	–	181	–
	Sub-total	604	786	850	771	630	742	208	232
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	14	–
3Cm	Mature coconut	53	–	87	–	4	–	92	–
3Cs	Senile coconut	–	–	15	–	28	–	–	–
	Sub-total	53	165	102	186	32	44	106	126
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	128	63	46	12	263	84	18	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1	–	17	18	–	–	154	128
4C	Diversified crops	–	–	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,108	1,257	1,544	1,358	1,137	1,242	704	799

Table PG 6
Summary of non-agricultural land use in the district of Timur Laut (Pulau Pinang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	9,064	30.1	8,317	27.6	+ 747
1E	Estate buildings and associated areas	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	135	0.4	63	0.2	+ 72
1P	Power line right of way	–	–	–	–	–
6	Grasslands	401	1.3	923	3.1	– 522
7F	Forest	9,406	31.2	8,692	28.9	+ 702
7S	Scrub forest	3,933	13.1	4,365	14.5	– 444
7C	Newly cleared land	157	0.5	257	0.9	– 100
8	Swamps	60	0.2	8	–	+ 52
9	Unused land	41	0.1	103	0.3	– 62
UN	Unclassified	126	0.4	67	0.2	+ 59
	Total	23,323	77.5+	22,795	75.7*	+ 528

+ Based on the district total of 30,108 acres

* Based on the district total of 30,108 acres

Table PG 6.1
Summary of non-agricultural land use in the mukims of the district of Timur Laut (Pulau Pinang)

Code	Land Use Category	AIR HITAM		AIR HITAM HILLS		BATU FERRINGI	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	321	325	–	–	324	332
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	9	10	–	–	13	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	16	55	59	16	57	84
7F	Forest	961	858	965	811	5,521	5,273
7S	Scrub forest	523	626	59	247	693	903
7C	Newly cleared land	18	42	16	–	80	58
8	Swamps	–	–	–	–	–	–
9	Unused land	–	–	–	–	–	5
UN	Unclassified	21	12	22	25	12	–
	Total	1,869	1,928	1,121	1,099	6,700	6,655

Table PG 6.1 cont'd

Code	Land Use Category	GEORGETOWN		PAYA TERUBONG		PAYA TERUBONG HILLS		TANJONG TOKONG	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	5,591	5,137	1,490	1,364	72	40	1,266	1,119
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–
1T	Tin mining	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	89	35	–	–	24	18
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	29	145	211	480	29	74	–	69
7F	Forest	–	–	1,116	839	287	388	556	523
7S	Scrub forest	442	407	1,433	1,406	220	187	550	589
7C	Newly cleared land	9	–	34	136	–	21	–	–
8	Swamps	–	–	60	–	–	–	–	8
9	Unused land	–	86	–	–	–	–	41	12
UN	Unclassified	40	18	15	–	16	12	–	–
	Total	6,111	5,793	4,448	4,260	624	722	2,437	2,338

Table PG 7
Summary of agricultural land use in the district of Timur Laut (Pulau Pinang)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	2,470	8.2	3,494	11.6	– 1,024
2M	Market gardening	476	1.6	793	2.6	– 317
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	102	0.3	–	–	–
3Gm	Mature rubber	703	2.3	–	–	–
3Gs	Senile rubber	1,430	4.8	–	–	–
	Sub-total	2,235	7.4	1,950	6.5	+ 285
30y	Young oil palm	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	708	2.4	–	–	–
3Cs	Senile coconut	26	0.1	–	–	–
	Sub-total	734	2.5	455	1.5	+ 279
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	739	2.5	513	1.7	+ 226
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	–	–	40	0.1	– 40
4C	Diversified crops	131	0.4	68	0.2	+ 63
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	6,785	22.5+	7,313	24.3*	– 528

+ Based on the district total of 30,108 acres

* Based on the district total of 30,108 acres

Table PG 7.1
Summary of agricultural land use in the mukims of the district of Timur Laut (Pulau Pinang)

Code	Land Use Category	AIR HITAM		AIR HITAM HILLS		BATU FERRINGI	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	240	156	46	74	205	362
2M	Market gardening	91	159	4	–	15	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	–	–	9	–	12	–
3Gm	Mature rubber	52	–	–	–	29	–
3Gs	Senile rubber	27	–	33	–	24	–
	Sub-total	79	35	42	14	65	23
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	2	–	–	–	4	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	2	–	–	31	4	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	2	5	4	–	86	38
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–
4C	Diversified crops	–	–	2	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	414	355	98	119	375	423

Table PG 7.1 cont'd

Code	Land Use Category	GEORGETOWN		PAYA TERUBONG		PAYA TERUBONG HILLS		TANJONG TOKONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	130	287	1,343	2,037	267	208	239	370
2M	Market gardening	28	75	214	410	41	117	10	32
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	61	–	6	–	12	–
3Gm	Mature rubber	–	–	428	–	64	–	130	–
3Gs	Senile rubber	–	–	1,114	–	115	–	116	–
	Sub-total	–	–	1,603	1,573	185	121	258	184
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	71	–	625	–	6	–	–	–
3Cs	Senile coconut	–	–	26	–	–	–	–	–
	Sub-total	71	191	651	177	6	–	–	56
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	61	55	467	374	45	–	74	41
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	40	–	–	–	–
4C	Diversified crops	–	–	–	12	–	–	57	56
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	290	608	4,278	4,623	544	446	638	739

Table PG 8
Summary of non-agricultural land use in the district of Selatan (Seberang Prai)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,200	2.0	641	1.0	+ 556
1E	Estate buildings and associated areas	274	0.5	228	0.4	– 46
1T	Tin mining areas	17	–	–	–	+ 17
1X	Other mining and quarrying areas	103	0.2	43	0.1	+ 60
1P	Power line right of way	–	–	192	0.3	– 192
6	Grasslands	1,564	2.6	3,484	5.8	– 1,943
7F	Forest	1,685	2.8	1,516	2.5	+ 169
7S	Scrub forest	291	0.5	642	1.1	– 349
7C	Newly cleared land	162	0.3	1,326	2.2	– 1,164
8	Swamps	4,899	8.0	5,743	9.5	– 879
9	Unused land	–	–	616	1.0	– 616
UN	Unclassified	1,662	2.7	1,945	3.2	– 283
	Total	11,857	19.4+	16,376	27.0*	– 4,519

+ Based on the district total of 61,226 acres

* Based on the district total of 60,545 acres

Table PG 8.1
Summary of non-agricultural land use in the mukims of the district of Selatan (Seberang Prai)

Code	Land Use Category	1		2		3		4	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	8	–	21	7	8	–	32	18
1E	Estate buildings and associated areas	–	–	–	–	–	3	–	14
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	17	34	47	102	98	147	56	85
7F	Forest	–	–	–	4	–	33	–	23
7S	Scrub forest	7	4	–	36	71	33	5	10
7C	Newly cleared land	2	–	5	–	28	41	–	70
8	Swamps	2	–	–	–	–	–	–	–
9	Unused land	–	–	–	–	–	–	–	–
UN	Unclassified	–	6	–	–	–	–	–	–
	Total	36	44	73	149	205	257	93	220

Table PG 8.1 cont'd

Code	Land Use Category	5		6		7		8		9		10	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	90	33	–	–	186	36	21	29	94	29	85	50
1E	Estate buildings and associated areas	–	3	10	8	40	36	4	3	40	33	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	11	–	21	12	24	6	24	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	17	–	–	–
6	Grasslands	24	103	14	106	115	339	61	74	62	24	85	–
7F	Forest	–	–	–	–	–	–	1,056	1,047	–	–	–	–
7S	Scrub forest	8	–	6	–	31	61	30	48	–	12	25	–
7C	Newly cleared land	–	39	29	80	56	30	5	28	20	–	–	–
8	Swamps	–	–	–	7	181	–	73	18	226	217	914	1,242
9	Unused land	–	–	–	–	–	514	–	–	–	–	–	–
UN	Unclassified	–	–	–	–	48	49	40	88	155	157	263	164
	Total	122	178	70	201	678	1,077	1,314	1,341	638	472	1,372	1,456

Code	Land Use Category	11		12		13		14		15		16	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	345	265	84	26	–	4	80	30	135	104	11	10
1E	Estate buildings and associated areas	85	31	–	11	67	49	–	–	28	37	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	23	15	–	–	–	–	–	4	–	–	–	–
1P	Power line right of way	–	90	–	41	–	–	–	38	–	–	–	–
6	Grasslands	306	1,017	88	305	11	187	304	559	248	384	–	18
7F	Forest	37	–	–	–	318	252	–	18	–	–	274	139
7S	Scrub forest	27	142	–	18	13	95	34	95	26	28	8	60
7C	Newly cleared land	–	83	5	13	–	898	2	–	10	39	–	5
8	Swamps	1,099	1,117	151	524	2,094	2,082	159	506	–	17	–	13
9	Unused land	–	16	–	–	–	–	–	4	–	–	–	82
UN	Unclassified	493	734	71	123	394	343	198	272	–	9	–	–
	Total	2,415	3,510	399	1,061	2,897	3,910	777	1,526	447	618	293	327

Table PG 9
Summary of agricultural land use in the district of Selatan (Seberang Prai)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	1,553	2.6	2,065	3.4	– 512
2M	Market gardening	73	0.1	93	0.2	– 20
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	2,616	4.3	–	–	–
3Gm	Mature rubber	17,390	28.4	–	–	–
3Gs	Senile rubber	2,764	4.6	–	–	–
	Sub-total	22,770	37.3	25,425	42.0	– 2,908
30y	Young oil palm	1,825	3.0	–	–	–
30m	Mature oil palm	6,720	11.0	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	8,545	14.0	2,470	4.1	+ 5,998
3Cy	Young coconut	387	0.6	–	–	–
3Cm	Mature coconut	8,615	14.1	–	–	–
3Cs	Senile coconut	3	–	–	–	–
	Sub-total	9,005	14.7	7,594	12.5	+ 991
3N	Pineapple	1,342	2.2	1,149	1.9	+ 193
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	742	1.2	201	0.3	+ 537
3F	Fibre crops	–	–	–	–	–
3S	Sago	8	–	–	–	+ 8
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	10	–	– 10
3R	Arecanut	–	–	–	–	–
4P	Padi	4,273	7.0	4,314	7.1	– 101
4C	Diversified crops	1,058	1.7	845	1.4	+ 213
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	49,369	80.6+	44,166	72.9*	+ 5,203

+ Based on the district total of 61,226 acres

* Based on the district total of 60,545 acres

Table PG 9.1
Summary of agricultural land use in the mukims of the district of Selatan (Seberang Prai)

Code	Land Use Category	1		2		3		4	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	126	185	95	109	39	63	63	275
2M	Market gardening	–	–	–	–	–	–	4	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	22	–	92	–	533	–	421	–
3Gm	Mature rubber	296	–	492	–	999	–	1,361	–
3Gs	Senile rubber	112	–	262	–	340	–	656	–
	Sub-total	430	447	846	792	1,872	2,118	2,438	2,557
30y	Young oil palm	–	–	5	–	78	–	3	–
30m	Mature oil palm	–	–	–	–	31	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	5	–	109	–	3	–
3Cy	Young coconut	9	–	–	–	21	–	–	–
3Cm	Mature coconut	287	–	57	–	134	–	300	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	296	221	57	45	155	77	300	108
3N	Pineapple	–	35	–	–	–	–	–	14
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	38	35	34	13	130	5	303	30
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	559	528	–	–	–	–	–	–
4C	Diversified crops	14	9	9	10	25	12	22	23
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,463	1,460	1,046	969	2,330	2,275	3,133	3,007

Code	Land Use Category	5		6		7		8	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	206	168	10	10	66	67	260	213
2M	Market gardening	2	–	–	–	–	–	5	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	265	–	184	–	369	–	317	–
3Gm	Mature rubber	1,137	–	1,367	–	2,409	–	1,238	–
3Gs	Senile rubber	95	–	135	–	199	–	375	–
	Sub-total	1,497	1,582	1,686	1,998	2,977	3,313	1,930	2,144
30y	Young oil palm	2	–	121	–	235	–	47	–
30m	Mature oil palm	–	–	232	–	291	–	57	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	2	–	353	–	526	–	104	–
3Cy	Young coconut	2	–	21	–	25	–	3	–
3Cm	Mature coconut	142	–	3	–	61	–	33	–
3Cs	Senile coconut	–	–	3	–	–	–	–	–
	Sub-total	144	111	27	–	86	9	36	13
3N	Pineapple	–	–	–	–	–	4	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	43	29	64	3	63	58	33	17
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	8	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	31	28	3	5	–	8	6	13
4C	Diversified crops	98	46	26	10	178	18	67	22
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,023	1,964	2,169	2,026	3,896	3,477	2,449	2,422

Code	Land Use Category	9		10		11		12	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	42	127	90	119	280	233	7	73
2M	Market gardening	–	–	–	–	62	93	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	32	–	–	–	72	–	116	–
3Gm	Mature rubber	1,468	–	–	–	3,031	–	402	–
3Gs	Senile rubber	4	–	–	–	96	–	159	–
	Sub-total	1,504	1,933	–	–	3,199	3,751	677	765
30y	Young oil palm	215	–	103	–	586	–	59	–
30m	Mature oil palm	133	–	16	–	2,284	–	104	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	348	–	119	–	2,870	1,005	163	–
3Cy	Young coconut	7	–	29	–	93	–	64	–
3Cm	Mature coconut	597	–	1,092	–	2,207	–	802	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	604	583	1,081	1,017	2,300	2,480	866	360
3N	Pineapple	–	–	13	8	167	345	560	197
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	7	–	13	3
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	3	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	2	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	778	763	2,896	2,949	–	–	–	–
4C	Diversified crops	31	42	43	–	195	263	81	32
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,307	3,451	4,282	4,093	9,080	8,172	2,367	1,430

Table PG 9.1 cont'd

Code	Land Use Category	13		14		15		16	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	112	106	62	78	57	235	38	4
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	20	–	102	–	71	–	–	–
3Gm	Mature rubber	237	–	270	–	2,646	–	37	–
3Gs	Senile rubber	11	–	15	–	305	–	–	–
	Sub-total	268	463	387	380	3,022	3,145	37	37
30y	Young oil palm	86	–	–	–	285	–	–	–
30m	Mature oil palm	3,424	–	52	–	96	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	3,510	1,465	52	–	381	–	–	–
3Cy	Young coconut	10	–	66	–	37	–	–	–
3Cm	Mature coconut	279	–	1,923	–	598	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	289	1,145	1,989	1,194	635	231	–	–
3N	Pineapple	53	15	547	498	2	33	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	8	–	6	8	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	8	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	16	–	4	–	–
4C	Diversified crops	20	10	53	–	196	348	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,252	3,204	3,098	2,174	4,299	3,971	75	41

Table PG 10
Summary of non-agricultural land use in the district of Tengah (Seberang Prai)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of dist-dist	Total acres	% of dist-dist	
1U	Urban and associated areas	3,945	6.7	1,587	2.7	+ 2,373
1E	Estate buildings and associated areas	27	–	36	0.1	– 9
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	387	0.7	210	0.4	+ 177
1P	Power line right of way	82	0.1	249	0.4	– 167
6	Grasslands	1,235	2.1	2,465	4.2	– 1,244
7F	Forest	2,048	3.5	2,071	3.5	– 37
7S	Scrub forest	1,358	2.3	671	1.1	+ 682
7C	Newly cleared land	177	0.3	475	0.8	– 298
8	Swamps	4,802	8.2	5,293	9.0	– 479
9	Unused land	16	–	–	–	+ 16
UN	Unclassified	1,091	1.9	1,005	1.7	+ 109
	Total	15,168	25.9+	14,062	23.8*	+ 1,106

+ Based on the district total of 58,548 acres

* Based on the district total of 59,028 acres

Table PG 10.1
Summary of non-agricultural land use in the mukims of the district of Tengah (Seberang Prai)

Code	Land Use Category	1		2		3	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	2,143	443	38	36	23	18
1E	Estate buildings and associated areas	–	14	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	49	26
1P	Power line right of way	70	97	–	12	–	–
6	Grasslands	–	249	2	–	1	13
7F	Forest	–	–	–	–	–	–
7S	Scrub forest	540	10	–	–	–	–
7C	Newly cleared land	63	–	–	–	–	18
8	Swamps	1,423	1,490	620	628	5	58
9	Unused land	–	–	–	–	–	–
UN	Unclassified	247	343	117	120	1	17
	Total	4,486	2,646	777	796	79	150

Table PG 10.1 cont'd

Code	Land Use Category	4		5		6		7		8		9	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	12	16	23	10	62	17	14	3	121	98	181	138
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	7	12	–	–	17	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	34	–	–	–	–	–	–
6	Grasslands	7	3	–	–	40	23	–	–	4	6	19	6
7F	Forest	–	–	–	–	–	–	–	–	–	–	–	–
7S	Scrub forest	–	–	–	–	–	–	–	–	–	–	–	–
7C	Newly cleared land	–	–	–	–	–	–	–	–	–	–	–	–
8	Swamps	20	12	–	–	199	189	26	24	2	–	–	–
9	Unused land	16	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	–	–	25	19	20	–	–	–	–	–	–
	Total	62	43	23	35	337	283	40	27	127	104	200	144

Table PG 10.1 cont'd

Code	Land Use Category	10		11		12		13		14		15	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	365	303	178	74	8	9	59	51	107	52	247	96
1E	Estate buildings and associated areas	–	–	–	–	11	7	14	–	–	–	2	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	7	43	16	12	23	32	6	49	5	6	–
1P	Power line right of way	–	–	12	19	–	18	–	44	–	–	–	–
6	Grasslands	–	45	25	73	29	75	244	463	200	401	261	176
7F	Forest	8	6	31	16	578	403	9	–	–	–	–	–
7S	Scrub forest	8	6	–	–	–	29	86	23	–	28	16	13
7C	Newly cleared land	–	–	–	–	–	–	–	15	23	37	–	21
8	Swamps	165	175	504	565	788	845	382	596	239	239	–	–
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	14	23	135	69	249	210	87	47	41	42	–	–
	Total	560	555	928	832	1,675	1,619	913	1,245	659	804	532	306

Table PG 10.1 cont'd

Code	Land Use Category	16		17		18		19		20		21	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	94	78	91	7	57	4	–	4	119	130	3	–
1E	Estate buildings and associated areas	–	3	–	–	–	–	–	12	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	23	–	24	19	1	–	–	11	124	85	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	25	–	–
6	Grasslands	152	201	100	187	33	153	51	248	65	87	2	13
7F	Forest	–	–	1,417	1,642	5	–	–	4	–	–	–	–
7S	Scrub forest	4	40	386	126	136	59	47	199	135	133	–	5
7C	Newly cleared land	31	22	57	85	–	152	3	89	–	36	–	–
8	Swamps	2	10	–	–	–	–	98	125	69	60	260	277
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	–	6	15	21	–	–	29	21	19	11	118	30
	Total	306	360	2,090	2,087	232	368	228	713	531	567	383	325

Table PG 11
Summary of agricultural land use in the district of Tengah (Seberang Prai)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,469	7.6	5,309	9.0	– 815
2M	Market gardening	219	0.4	182	0.3	+ 37
2E	Agricultural stations	88	0.2	23	–	+ 65
3Gy	Young rubber	2,018	3.4	–	–	–
3Gm	Mature rubber	14,563	24.9	–	–	–
3Gs	Senile rubber	2,649	4.5	–	–	–
	Sub-total	19,230	32.8	19,744	33.4	– 523
30y	Young oil palm	176	0.3	–	–	–
30m	Mature oil palm	38	0.1	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	214	0.4	–	–	+ 214
3Cy	Young coconut	219	0.4	–	–	–
3Cm	Mature coconut	7,237	12.3	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	7,456	12.7	6,984	11.8	+ 450
3N	Pineapple	323	0.6	1,382	2.3	– 1,059
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	12	–	– 12
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	291	0.5	144	0.2	+ 147
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	7	–	– 7
3R	Arecanut	–	–	–	–	–
4P	Padi	10,437	17.8	10,688	18.1	– 272
4C	Diversified crops	653	1.1	444	0.7	+ 209
4X	Shifting cultivation	–	–	47	0.1	– 47
5	Improved permanent pasture	–	–	–	–	–
	Total	43,380	74.1+	44,966	76.2*	– 1,586

\+ Based on the district total of 58,548 acres

* Based on the district total of 59,028 acres

Table PG 11.1
Summary of agricultural land use in the mukims of the district of Tengah (Seberang Prai)

Code	Land Use Category	1		2	
		1974	1966	1974	1966
2H	Mixed horticulture	22	9	198	185
2M	Market gardening	38	42	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	–	–
3Gm	Mature rubber	448	–	19	–
3Gs	Senile rubber	–	–	–	–
	Sub-total	448	971	19	3
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	356	–	107	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	356	1,663	107	163
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	–	–	2	6
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	150	163	1,038	958
4C	Diversified crops	–	6	–	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	1,014	2,854	1,364	1,315

Table PG 11.1
Summary of agricultural land use in the mukims of the district of Tengah (Seberang Prai)

Code	Land Use Category	3		4		5	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	309	297	230	230	174	189
2M	Market gardening	–	–	71	32	–	–
2E	Agricultural stations	–	–	66	–	–	–
3Gy	Young rubber	2	–	–	–	–	–
3Gm	Mature rubber	29	–	34	–	4	–
3Gs	Senile rubber	222	–	–	–	20	–
	Sub-total	253	239	34	12	24	25
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	13	–	122	–	8	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	13	–	122	108	8	6
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	5	7	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	496	462	1,425	1,553	1,390	1,364
4C	Diversified crops	–	–	–	32	–	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	1,076	1,005	1,948	1,967	1,596	1,584

Table PG 11.1 cont'd

Code	Land Use Category	6		7		8		9	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	157	241	117	124	196	197	225	326
2M	Market gardening	27	47	–	–	44	52	8	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	–	–	–	–
3Gm	Mature rubber	7	–	–	–	–	–	90	–
3Gs	Senile rubber	–	–	–	–	7	–	7	–
	Sub-total	7	14	–	11	7	10	97	85
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	761	–	12	–	42	–	112	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	761	701	12	3	42	52	112	61
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	4	4
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,367	1,380	836	840	633	631	–	–
4C	Diversified crops	10	–	–	–	–	–	14	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,329	1,383	965	978	922	942	460	476

Code	Land Use Category	10		11		12		13	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	50	52	183	266	125	386	34	336
2M	Market gardening	–	5	19	4	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	26	–	12	–
3Gm	Mature rubber	28	–	194	–	518	–	1,009	–
3Gs	Senile rubber	–	–	31	–	–	–	31	–
	Sub-total	28	44	225	244	544	573	1,052	901
30y	Young oil palm	1	–	–	–	–	–	5	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1	–	–	–	–	–	5	–
3Cy	Young coconut	–	–	–	–	13	–	165	–
3Cm	Mature coconut	424	–	1,126	–	683	–	953	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	424	413	1,126	1,040	696	395	1,118	679
3N	Pineapple	–	–	72	412	–	77	103	193
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	13	9	–	–	18	6	13	9
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	79	72	679	713	–	–
4C	Diversified crops	12	–	1	–	34	44	175	108
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	104	523	1,705	2,038	2,096	2,194	2,500	2,226

Code	Land Use Category	14		15		16		17	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	240	544	337	301	372	396	208	171
2M	Market gardening	12	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	22	23	–	–	–	–
3Gy	Young rubber	94	–	17	–	474	–	367	–
3Gm	Mature rubber	1,332	–	1,836	–	1,618	–	2,015	–
3Gs	Senile rubber	281	–	390	–	769	–	514	–
	Sub-total	1,707	1,727	2,243	2,612	2,861	3,182	2,896	3,025
30y	Young oil palm	15	–	54	–	79	–	22	–
30m	Mature oil palm	16	–	–	–	–	–	22	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	31	–	54	–	79	–	44	–
3Cy	Young coconut	39	–	2	–	–	–	–	–
3Cm	Mature coconut	1,555	–	542	–	74	–	71	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	1,594	800	544	501	74	32	71	87
3N	Pineapple	108	661	–	–	36	31	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	7	–	36	12	29	10	82	14
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	4	–	–	–	3	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	232	253	260	258	347	363	24	30
4C	Diversified crops	30	16	48	18	155	85	15	16
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,961	4,005	3,548	3,725	3,953	4,102	3,340	3,343

Code	Land Use Category	18		19		20		21	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	119	131	416	217	445	432	312	279
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	458	–	501	–	67	–	–	–
3Gm	Mature rubber	1,781	–	2,241	–	1,259	–	101	–
3Gs	Senile rubber	63	–	283	–	2	–	29	–
	Sub-total	2,302	2,206	3,025	2,677	1,328	1,260	130	123
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	13	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	13	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	22	–	96	–	139	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	22	49	96	101	139	130
3N	Pineapple	–	8	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	12	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	25	14	16	27	38	26	3	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	65	84	128	166	1,288	1,398
4C	Diversified crops	45	6	111	117	3	6	–	–
4X	Shifting cultivation	–	8	–	9	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,504	2,373	3,655	3,180	2,038	2,003	1,872	1,930

Table PG 12
Summary of non-agricultural land use in the district of Utara (Seberang Prai)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	4,776	7.2	2,119	3.2	+ 2,657
1E	Estate buildings and associated areas	71	0.1	126	0.2	– 55
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	18	–	8	–	+ 10
1P	Power line right of way	28	–	32	–	– 4
6	Grasslands	806	1.2	1,515	2.3	– 709
7F	Forest	10	–	117	0.2	– 107
7S	Scrub forest	149	0.2	462	0.7	– 313
7C	Newly cleared land	47	0.1	785	1.2	– 738
8	Swamps	3,089	4.7	3,929	5.9	– 932
9	Unused land	219	0.3	329	0.5	– 110
UN	Unclassified	2,180	3.3	3,543	5.4	– 1,381
	Total	11,393	17.2+	12,965	19.6*	– 1,682

+ Based on the district total of 66,144 acres

* Based on the district total of 66,146 acres

Table PG 12.1
Summary of non-agricultural land use in the mukims of the district of Utara (Seberang Prai)

Code	Land Use Category	1		2		3		4	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	48	51	28	8	35	31	72	41
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	15	33	45	12	93	293	–	13
7F	Forest	–	–	–	42	–	30	–	–
7S	Scrub forest	–	–	–	76	34	144	–	3
7C	Newly cleared land	–	–	–	–	–	194	–	–
8	Swamps	477	472	85	103	140	198	40	231
9	Unused land	61	67	–	10	48	40	42	98
UN	Unclassified	202	252	269	252	307	343	56	65
	Total	803	875	427	503	657	1,273	210	451

Table PG 12.1 cont'd

Code	Land Use Category	5		6		7		8		9		10	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	58	37	256	121	311	4	26	32	1,208	98	10	9
1E	Estate buildings and associated areas	–	–	37	55	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	6	6	82	284	–	12	44	38	–	18	–	–
7F	Forest	–	–	–	31	–	–	–	–	–	–	–	–
7S	Scrub forest	–	–	18	34	–	–	–	8	–	–	5	–
7C	Newly cleared land	–	–	–	448	–	–	–	–	–	–	–	–
8	Swamps	3	14	35	24	–	57	–	–	–	–	–	4
9	Unused land	2	–	–	–	24	44	–	–	27	36	–	–
UN	Unclassified	141	167	97	13	57	464	163	79	10	1,099	141	115
	Total	210	224	525	1,010	392	581	233	157	1,245	1,251	156	128

Table PG 12.1 cont'd

Code	Land Use Category	11		12		13		14		15		16	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	142	71	160	86	29	23	1,301	614	1,059	884	33	9
1E	Estate buildings and associated areas	–	–	8	34	26	37	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	18	8	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	28	32
6	Grasslands	29	34	282	237	186	194	8	189	–	118	16	34
7F	Forest	–	–	–	–	10	–	–	–	–	–	–	14
7S	Scrub forest	–	12	48	55	44	115	–	15	–	–	–	–
7C	Newly cleared land	–	–	–	93	47	50	–	–	–	–	–	–
8	Swamps	428	480	288	389	223	450	94	148	496	508	780	851
9	Unused land	–	–	–	–	–	–	15	21	–	13	–	–
UN	Unclassified	303	149	26	117	80	159	48	48	153	139	127	82
	Total	902	746	812	1,011	663	1,036	1,466	1,035	1,708	1,662	984	1,022

Table PG 13
Summary of agricultural land use in the district of Utara (Seberang Prai)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	6,530	9.9	6,423	9.7	+ 130
2M	Market gardening	7	–	72	0.1	– 65
2E	Agricultural stations	133	0.2	–	–	+ 133
3Gy	Young rubber	496	0.8	–	–	–
3Gm	Mature rubber	18,147	27.4	–	–	–
3Gs	Senile rubber	98	0.2	–	–	–
	Sub-total	18,630	28.4	17,889	27.0	+ 741
30y	Young oil palm	55	0.1	–	–	–
30m	Mature oil palm	108	0.2	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	163	0.3	3	–	+ 160
3Cy	Young coconut	90	0.1	–	–	–
3Cm	Mature coconut	2,616	4.0	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	2,706	4.1	2,671	4.0	+ 35
3N	Pineapple	–	–	10	–	– 10
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	61	0.1	137	0.2	– 76
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	25,850	39.1	24,318	36.8	+ 1,615
4C	Diversified crops	560	0.9	1,658	2.5	– 1,098
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	54,751	82.8+	53,181	80.4*	+ 1,570

+ Based on the district total of 66,144 acres

* Based on the district total of 66,146 acres

Table PG 13.1
Summary of agricultural land use in the mukims of the district of Utara (Seberang Prai)

Code	Land Use Category	1		2		3		4	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	419	453	543	689	554	569	487	305
2M	Market gardening	–	–	–	–	2	–	–	–
2E	Agricultraul stations	–	–	–	–	133	–	–	–
3Gy	Young rubber	–	–	–	–	63	–	–	–
3Gm	Mature rubber	–	–	30	–	1,462	–	–	–
3Gs	Senile rubber	–	–	24	–	12	–	–	–
	Sub-total	–	–	54	28	1,537	1,347	–	3
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	3	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	307	–	174	–	20	–	71	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	307	280	174	77	20	3	71	155
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	5	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	863	777	2,966	2,867	3,731	3,319	1,727	1,581
4C	Diversified crops	–	6	–	–	7	122	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,589	1,516	3,737	3,661	5,984	5,368	2,285	2,044

Table PG 13.1

Code	Land Use Category	5		6		7		8	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	473	571	346	352	456	199	628	651
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	22	–	–	–	–	–
3Gm	Mature rubber	3	–	7,761	–	3	–	591	–
3Gs	Senile rubber	–	–	–	–	–	–	–	–
	Sub-total	3	19	7,783	7,052	3	4	591	614
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	15	–	–	–	–	–
3Cm	Mature coconut	58	–	27	–	143	–	12	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	58	24	42	13	143	286	12	14
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	4	–	–	–	7
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	3,702	3,608	898	719	1,964	1,888	1,594	1,602
4C	Diversified crops	–	–	50	495	–	–	–	14
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,236	4,222	9,119	8,635	2,566	2,377	2,825	2,902

Code	Land Use Category	9		10		11		12	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	43	28	219	261	595	684	1,069	1,186
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	–	–	259	–
3Gm	Mature rubber	–	–	–	–	103	–	4,062	–
3Gs	Senile rubber	–	–	–	–	–	–	57	–
	Sub-total	–	–	–	7	103	111	4,378	4,405
30y	Young oil palm	–	–	–	–	–	–	24	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	24	–
3Cy	Young coconut	–	–	–	–	–	–	75	–
3Cm	Mature coconut	106	–	45	–	23	–	575	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	106	144	45	25	23	8	650	213
3N	Pineapple	–	–	–	–	–	–	–	10
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	–	–	56	121
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	254	177	2,277	2,276	2,426	2,500	1,935	1,587
4C	Diversified crops	–	48	–	–	–	–	473	866
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	403	397	2,541	2,569	3,147	3,303	8,585	8,388

Code	Land Use Category	13		14		15		16	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	412	343	156	4	–	–	130	128
2M	Market gardening	–	–	5	66	–	6	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	135	–	–	–	–	–	17	–
3Gm	Mature rubber	4,116	–	–	–	–	–	16	–
3Gs	Senile rubber	5	–	–	–	–	–	–	–
	Sub-total	4,261	4,280	–	6	–	–	33	13
30y	Young oil palm	31	–	–	–	–	–	–	–
30m	Mature oil palm	108	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	139	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	20	–	610	–	–	–	425	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	20	30	610	895	–	40	425	464
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	5	–	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,382	1,143	–	198	–	–	131	76
4C	Diversified crops	30	73	–	34	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,249	5,869	771	1,203	–	46	719	681

THE PRESENT LAND USE OF SELANGOR

The General Pattern

Forestry, agriculture and tin mining are the major forms of land use in the State of Selangor. Forests are confined mainly to the mountain ranges which are part of the Main Range. On the coastal plains, however, there are two large peat swamps, one in the northwest and the other in the south. These swamps support a low swamp forest. The islands off the coast at Port Kelang are mainly colonised by mangrove forests. Agriculture occupies most of the foothills region and the coastal plain. Tin mining, which is of the open-cast type, is concentrated mainly in the valley of the Sungai Kelang.

The main agricultural crop is rubber. This crop grows extensively on large commercial estates and smallholdings in the foothills and the plains. Oil palm is also cultivated on the foothills but more extensively on the coastal plain. Similarly, coconut is most extensively grown on the coastal plain, its greatest concentration being in the extreme northwest corner of the State in the District of Sabak Bernam. In this region of the State extensive intertilling of coconuts with cocoa have taken place. Padi cultivation is confined to the northwest coast at the western edge of the northern peat swamp. Other crops of lesser extent include coffee, pineapple and tea. The coffee is cultivated in smallholdings mainly in the districts of Kelang and Sepang on the coastal plains; commonly there is intercropping of the coffee with coconuts. Pineapple grows in the district of Kelang on reclaimed peat swamps; this crop is grown by commercial estates as well as smallholders who often intertill the crop with coconuts or young rubber. Tea of the lowland variety is grown in one estate at Bukit Cheeding in Kuala Langat district. Smallholdings within the rubber-growing areas are less obvious because of the contiguity of the holdings. Within coconut-growing areas the evidence of smallholdings is more obvious as numerous units of settlers' dwellings can be seen distributed throughout the areas. Moreover, the lack of homogeneity in terms of intercrops also indicate the separate choices of crop combinations of the smallholders; coconuts may be grown as a monocrop or in combination with coffee or pineapple or cocoa or banana. Similarly, coffee, pineapple, cocoa and banana may be cultivated in a neighbouring plot on a monocrop basis. A characteristic feature of tin mining areas is the presence of market garden plots on abandoned tailings. These units are seldom extensive being temporary holdings and subject to abandonment as mining activity is renewed at some later date.

Post – 1966 Developments

The formation of the Federal Territory of Kuala Lumpur resulted in the re-alignment of district boundaries and establishment of new districts. Mukims were also re-allocated to different districts. Comparison of the 1966 and 1974 data has therefore been made on the basis of the new boundaries. This has involved re-measurement of the 1966 map manuscripts affected by the altered boundaries.

The total physical area of Selangor, Table SL 1, shows a decrease of 42,341 acres (17,148 ha) since 1966 (Wong, 1969a). This decrease has not resulted from actual loss of land area but rather to a more rigid definition in the land use classification. In the 1966 survey all narrow channels between the off-shore islands opposite Port Kelang were measured. In the 1974 survey such areas, being a part of the sea, were left out of the area measurement. This difference is also reflected in the reduction of the land use area between the two periods.

Area under cultivation shows an increase of 72,218 acres (29,248 ha) in 1974. Together with the increase of 22,282 acres (9,024 ha) of newly cleared land for agriculture the total increase in agricultural land use in 1974 was 94,500 acres (38,273 ha).

Further comparison by land use category at the State, district and mukim levels are indicated in Tables SL 2 to SL 23.

Table SL 1
The land use summary of the State of Selangor

Description	1974 acres	1966 acres	Increase (+) or decrease (–) over 1966 total acres
Total physical area	2,034,154	2,076,495	– 42,341
Total land use area	2,041,393*	2,082,646	– 41,253
Cultivated area	844,249	772,031	+ 72,218
Newly cleared land	35,069X	12,787	+ 22,282
Total agricultural land	879,318	784,818	+ 94,500

* The land use acreage in 1974 is 7,239 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations. The difference in 1966 was 6,151 acres.

X Excludes 4,970 acres which were cleared for urban development.

Table SL 2
Summary of non-agricultural land use in the State of Selangor

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	56,545	2.8	40,582	1.9	+ 15,963
1E	Estate buildings and associated areas	4,572	0.2	5,534	0.3	– 962
1T	Tin mining areas	39,293	1.9	29,039	1.4	+ 10,254
1X	Other mining and quarrying areas	592	–	587	–	+ 5
1P	Power line right of way	4,285	0.2	5,111	0.2	– 826
6	Grasslands	50,537	2.5	86,235	4.1	– 35,698
7F	Forest	475,439	23.3	502,777	24.1	– 27,338
7S	Scrub forest	40,002	2.0	45,747	2.2	– 5,745
7C	Newly cleared land	40,039	2.0	12,787	0.6	+ 27,252
8	Swamps	455,227	22.3	507,889	24.4	– 52,662
9	Unused land	3,115	0.2	49,420	2.4	– 46,305
UN	Unclassified	27,498	1.3	24,907	1.2	+ 2,591
	Total	1,197,144	58.6+	1,310,615	62.9*	– 113,471

\+ Based on the State total of 2,041,393 acres

* Based on the State total of 2,082,646 acres

Table SL 3
Summary of agricultural land use in the State of Selangor

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	30,890	1.5	19,426	0.9	+ 11,464
2M	Market gardening	2,970	0.1	1,710	0.1	+ 1,260
2E	Agricultural stations	927	–	1,117	–	– 190
3Gy	Young rubber	24,527	1.2	–	–	–
3Gm	Mature rubber	288,258	14.1	–	–	–
3Gs	Senile rubber	68,597	3.4	–	–	–
	Sub-total	381,382	18.7	469,726	22.6	– 88,344
30y	Young oil palm	53,584	2.6	–	–	–
30m	Mature oil palm	142,465	7.0	–	–	–
30s	Senile oil palm	8,656	0.4	–	–	–
	Sub-total	204,705	10.0	78,532	3.8	+ 126,173
3Cy	Young coconut	13,684	0.7	–	–	–
30m	Mature coconut	109,409	5.4	–	–	–
30s	Senile coconut	3,904	0.2	–	–	–
	Sub-total	126,997	6.3	117,229	5.6	+ 9,768
3N	Pineapple	2,623	0.1	2,529	0.1	+ 94
3T	Tea	1,365	0.1	2,341	0.1	– 976
3K	Coffee	14,522	0.7	14,947	0.7	– 425
3A	Cocoa	3,464	0.2	32	–	+ 3,432
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	3,174	0.2	1,190	–	+ 1,984
3F	Fibre crops	–	–	33	–	– 33
3S	Sago	404	–	167	–	+ 237
3B	Banana	39	–	–	–	+ 39
3H	Fish ponds	327	–	213	–	+ 114
3R	Arecanut	–	–	19	–	– 19
4P	Padi	55,805	2.7	54,980	2.6	+ 825
4C	Diversified crops	12,970	0.6	7,708	0.4	+ 5,262
4X	Shifting cultivation	8	–	82	–	– 74
5	Improved permanent pasture	1,677	–	–	–	+ 1,677
	Total	844,249	41.4+	771,981	37.1*	+ 72,268

+ Based on the State total of 2,041,393 acres

* Based on the State total of 2,082,646 acres

Table SL 4
Summary of non-agricultural land use in the district of Gombak (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	4,961	3.2	3,071	2.0	+ 1,890
1E	Estate buildings and associated areas	151	0.1	195	0.1	– 44
1T	Tin mining areas	5,588	3.6	5,073	3.3	+ 515
1X	Other mining and quarrying areas	82	0.1	102	0.1	– 20
1P	Power line right of way	541	0.3	887	0.6	– 346
6	Grasslands	6,863	4.4	13,090	8.5	– 6,227
7F	Forest	84,427	54.7	83,592	54.1	+ 835
7S	Scrub forest	5,966	3.9	6,459	4.2	– 493
7C	Newly cleared land	1,758	1.1	1,018	0.6	+ 740
8	Swamps	2,847	1.8	4,119	2.7	– 1,272
9	Unused land	–	–	314	0.2	– 314
UN	Unclassified	1,682	1.1	1,585	1.0	+ 97
	Total	114,866	74.3+	119,505	77.4*	– 4,639

\+ Based on the district total of 154,441 acres

* Based on the district total of 154,386 acres

Table SL 4.1
Summary of non-agricultural land use in the mukims of the district of Gombak (Selangor)

Code	Land Use Category	BATU		RAWANG		SETAPAK		ULU KELANG	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	1,745	1,246	1,521	1,019	518	268	1,177	538
1E	Estate buildings and associated areas	16	8	113	171	22	16	–	–
1T	Tin mining areas	352	887	4,996	3,708	–	7	240	471
1X	Other mining and quarrying areas	75	96	7	6	–	–	–	–
1P	Power line right of way	19	66	502	821	20	–	–	–
6	Grasslands	1,809	2,919	4,256	8,370	352	772	446	1,029
7F	Forest	18,171	18,202	21,739	21,590	24,491	24,493	20,026	19,307
7S	Scrub forest	1,115	1,294	4,633	3,761	70	577	148	827
7C	Newly cleared land	80	6	1,214	759	366	253	98	–
8	Swamps	156	198	2,691	3,873	–	24	–	24
9	Unused land	–	299	–	15	–	–	–	–
UN	Unclassified	198	235	744	616	236	258	504	476
	Total	23,736	25,456	42,416	44,709	26,075	26,668	22,639	22,672

Table SL 5
Summary of agricultural land use in the district of Gombak (Selangor)

Code	Land Use, Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	2,536	1.6	1,594	1.0	+ 942
2M	Market gardening	280	0.2	156	0.1	+ 124
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	1,297	0.8	–	–	–
3Gm	Mature rubber	19,309	12.5	–	–	–
3Gs	Senile rubber	9,081	5.9	–	–	–
	Sub-total	29,687	19.2	31,734	20.5	– 2,047
30y	Young oil palm	1,584	1.0	–	–	–
30m	Mature oil palm	3,254	2.1	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	4,838	3.1	492	0.3	+ 4,346
3Cy	Young coconut	2	–	–	–	–
3Cm	Mature coconut	45	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	47	–	43	–	+ 4
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	2	–	–	–	+ 2
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	380	0.2	113	0.1	+ 267
3F	Fibre crops	–	–	33	–	– 33
3S	Sago	35	–	5	–	+ 30
3B	Banana	39	–	–	–	+ 39
3H	Fish ponds	92	0.1	73	–	+ 19
3R	Arecanut	–	–	–	–	–
4P	Padi	576	0.4	508	0.3	+ 68
4C	Diversified crops	333	0.2	130	0.1	+ 203
4X	Shifting cultivation	8	–	–	–	+ 8
5	Improved permanent pasture	722	0.5	–	–	+ 722
	Total	39,575	25.5+	34,881	22.4*	+ 4,694

+ Based on the district total of 154,441 acres

* Based on the district total of 154,386 acres

Table SL 5.1
Summary of agricultural land use in the mukims of the district of Gombak (Selangor)

Code	Land Use Category	BATU		RAWANG		SETAPAK		ULU KELANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	633	247	1,225	645	489	574	189	128
2M	Market gardening	160	63	70	81	8	3	42	9
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	202	–	976	–	66	–	53	–
3Gm	Mature rubber	3,464	–	11,711	–	2,492	–	1,642	–
3Gs	Senile rubber	2,975	–	3,554	–	2,490	–	62	–
	Sub-total	6,641	5,814	16,241	19,695	5,048	4,425	1,757	1,800
30y	Young oil palm	94	–	1,478	–	–	–	12	–
30m	Mature oil palm	373	–	2,881	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	467	259	4,359	233	–	–	12	–
3Cy	Young coconut	–	–	–	–	2	–	–	–
3Cm	Mature coconut	6	–	39	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	6	10	39	25	2	8	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	2	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	164	41	157	23	–	–	59	49
3F	Fibre crops	–	–	–	33	–	–	–	–
3S	Sago	–	–	35	5	–	–	–	–
3B	Banana	–	–	39	–	–	–	–	–
3H	Fish ponds	49	14	36	59	–	–	7	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	99	2	226	272	251	234	–	–
4C	Diversified crops	65	114	225	12	43	4	–	–
4X	Shifting cultivation	8	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	722	–	–	–	–	–
	Total	8,292	6,564	23,376	21,083	5,841	5,248	2,066	1,986

Table SL 6
Summary of non-agricultural land use in the district of Kelang (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	5,239	3.4	3,486	2.0	+ 1,753
1E	Estate buildings and associated areas	441	0.3	557	0.3	– 116
1T	Tin mining areas	–	–	228	0.1	– 228
1X	Other mining and quarrying areas	166	0.1	65	–	+ 101
1P	Power line right of way	242	0.2	–	–	+ 242
6	Grasslands	2,921	1.9	5,278	3.1	– 2,357
7F	Forest	40	–	377	0.2	– 337
7S	Scrub forest	1,111	0.7	1,033	0.6	+ 78
7C	Newly cleared land	3,699	2.4	1,157	0.7	+ 2,542
8	Swamps	61,244	39.2	66,233	38.6	– 4,989
9	Unused land	1,879	1.2	19,216	11.2	– 17,337
UN	Unclassified	6,640	4.2	5,243	3.0	+ 1,397
	Total	83,622	53.6+	102,873	59.9*	– 19,251

+ Based on the district total of 156,246 acres

* Based on the district total of 171,599 acres

Table SL 6.1
Summary of non-agricultural land use in the mukims of the district of Kelang (Selangor)

Code	Land Use Category	KAPAR		KELANG	
		1974	1966	1974	1966
1U	Urban and associated areas	1,535	867	3,704	2,619
1E	Estate buildings and associated areas	220	279	221	278
1T	Tin mining areas	–	–	–	–
1X	Other mining and quarrying areas	28	33	138	32
1P	Power line right of way	121	136	121	92
6	Grasslands	975	2,703	1,946	2,575
7F	Forest	40	334	–	43
7S	Scrub forest	492	557	619	476
7C	Newly cleared land	2,743	617	956	540
8	Swamps	10,823	11,854	50,421	54,379
9	Unused land	–	1,578	1,879	17,638
UN	Unclassified	2,494	1,855	4,146	3,388
	Total	19,471	20,813	64,151	82,060

Table SL 7
Summary of agricultural land use in the district of Kelang (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,108	3.3	3,171	1.8	+ 1,937
2M	Market gardening	35	–	57	–	– 22
2E	Agricultural stations	201	0.1	200	0.1	+ 1
3Gy	Young rubber	1,097	0.7	–	–	–
3Gm	Mature rubber	19,035	12.2	–	–	–
3Gs	Senile rubber	3,819	2.4	–	–	–
	Sub-total	23,951	15.3	40,947	23.9	– 16,996
30y	Young oil palm	6,522	4.2	–	–	–
30m	Mature oil palm	13,324	8.5	–	–	–
30s	Senile oil palm	2,486	1.6	–	–	–
	Sub-total	22,332	14.3	7,802	4.5	+ 14,530
3Cy	Young coconut	873	0.6	–	–	–
3Cm	Mature coconut	12,783	8.2	–	–	–
3Cs	Senile coconut	548	0.4	–	–	–
	Sub-total	14,204	9.2	12,655	7.4	+ 1,549
3N	Pineapple	1,781	1.1	1,109	0.6	+ 672
3T	Tea	–	–	–	–	–
3K	Coffee	1,580	1.0	1,097	0.6	+ 483
3A	Cocoa	73	–	–	–	+ 73
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	333	0.2	273	0.1	+ 60
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	–	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	3,026	1.9	1,415	0.8	+ 1,611
4C	Diversified crops	–	–	–	–	–
4X	Shifting cultivation					
5	Improved permanent pasture	–	–	–	–	–
	Total	72,624	46.4+	68,726	40.1*	+ 3,898

+ Based on the district total of 156,246 acres

* Based on the district total of 171,599 acres

Table SL 7.1
Summary of agricultural land use in the mukims of the district of Kelang (Selangor)

Code	Land Use Category	KAPAR		KELANG	
		1974	1966	1974	1966
2H	Mixed horticultur	2,888	1,606	2,220	1,565
2M	Market gardening	–	37	35	20
2E	Agricultural stations	–	–	201	200
3Gy	Young rubber	457	–	640	–
3Gm	Mature rubber	11,445	–	7,590	–
3Gs	Senile rubber	2,089	–	1,730	–
	Sub-total	13,991	26,042	9,960	14,905
30y	Young oil palm	4,155	–	2,367	–
30m	Mature oil palm	8,942	–	4,382	–
30s	Senile oil palm	48	–	2,438	–
	Sub-total	13,145	2,894	9,187	4,908
3Cy	Young coconut	459	–	414	–
3Cm	Mature coconut	6,781	–	6,002	–
3Cs	Senile coconut	303	–	245	–
	Sub-total	7,543	6,869	6,661	5,786
3N	Pineapple	657	–	1,124	1,109
3T	Tea	–	–	–	–
3K	Coffee	1,017	654	563	443
3A	Cocoa	73	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	135	210	198	63
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	493	865	2,533	550
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	39,942	39,177	32,682	29,549

Table SL 8
Summary of non-agricultural land use in the district of Kuala Langat (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	968	0.5	601	0.3	+ 367
1E	Estate buildings and associated areas	816	0.4	832	0.4	— 16
1T	Tin mining areas	717	0.3	2	—	+ 715
1X	Other mining and quarrying areas	34	—	17	—	+ 17
1P	Power line right of way	155	0.1	97	—	+ 58
6	Grasslands	1,313	0.6	6,709	3.2	— 5,396
7F	Forest	930	0.5	4,246	2.0	— 3,316
7S	Scrub forest	1,074	0.5	2,696	1.3	— 1,622
7C	Newly cleared land	7,889	3.8	2,613	1.2	+ 5,276
8	Swamps	71,505	34.7	79,047	37.3	— 7,542
9	Unused land	51	—	5,234	2.5	— 5,183
UN	Unclassified	3,887	1.9	4,504	2.1	— 617
	Total	89,339	43.3+	106,598	50.3*	— 17,259

\+ Based on the district total of 205,896 acres

* Based on the district total of 212,165 acres

Table SL 8.1
Summary of non-agricultural land use in the mukims of the district of Kuala Langat (Selangor)

Code	Land Use Category	BANDAR		BATU		JUGRA	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	16	4	120	123	60	5
1E	Estate buildings and associated areas	44	70	59	57	269	242
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	11	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	24	231	93	1,076	101	1,084
7F	Forest	–	–	–	504	417	1,296
7S	Scrub forest	58	58	25	205	46	1,159
7C	Newly cleared land	157	250	912	512	846	891
8	Swamps	418	758	16,302	16,722	17,994	17,582
9	Unused land	–	–	5	1,110	22	1,928
UN	Unclassified	345	358	–	–	1,840	2,267
	Total	1,062	1,729	17,516	20,309	21,606	26,454

Table SL 8.1 cont'd

Code	Land Use Category	KELANANG		MORIB		TANJONG DUA BELAS		TELOK PANGLIMA GARANG	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	72	24	12	62	503	283	185	100
1E	Estate buildings and associated areas	95	57	38	39	294	341	17	26
1T	Tin mining areas	–	–	–	–	717	2	–	–
1X	Other mining and quarrying areas	–	–	–	–	23	17	–	–
1P	Power line right of way	–	–	–	–	155	97	–	–
6	Grasslands	350	1,057	14	350	515	2,017	216	894
7F	Forest	–	13	–	–	513	2,324	–	109
7S	Scrub forest	20	124	13	91	804	754	108	305
7C	Newly cleared land	800	59	285	56	3,993	821	896	24
8	Swamps	4,004	4,775	382	288	28,514	34,233	3,891	4,689
9	Unused land	22	717	–	1,479	2	–	–	–
UN	Unclassified	121	189	–	–	787	816	794	874
	Total	5,484	7,015	744	2,365	36,820	41,705	6,107	7,021

Table SL 9
Summary of agricultural land use in the district of Kuala Langat (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,574	1.7	3,631	1.7	– 57
2M	Market gardening	832	0.4	715	0.3	+ 117
2E	Agricultural stations	34	–	14	–	+ 20
3Gy	Young rubber	1,046	0.5	–	–	–
3Gm	Mature rubber	18,153	8.8	–	–	–
3Gs	Senile rubber	6,592	3.2	–	–	–
	Sub-total	25,791	12.5	47,417	22.3	– 21,626
30y	Young oil palm	13,977	6.8	–	–	–
30m	Mature oil palm	42,135	20.5	–	–	–
30s	Senile oil palm	3,124	1.5	–	–	–
	Sub-total	59,236	28.8	21,147	10.0	+ 38,089
3Cy	Young coconut	1,628	0.8	–	–	–
3Cm	Mature coconut	10,559	5.1	–	–	–
3Cs	Senile coconut	1,057	0.5	–	–	–
	Sub-total	13,244	6.4	17,094	8.1	– 3,850
3N	Pineapple	842	0.4	1,338	0.6	– 496
3T	Tea	684	0.3	1,500	0.7	– 816
3K	Coffee	9,045	4.4	10,569	5.0	– 1,524
3A	Cocoa	1	–	–	–	+ 1
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	517	0.3	160	–	+ 357
3F	Fibre crops	–	–	–	–	–
3S	Sago	7	–	–	–	+ 7
3B	Banana	–	–	–	–	–
3H	Fish ponds	8	–	–	–	+ 8
3R	Arecanut	–	–	19	–	– 19
4P	Padi	–	–	27	–	– 27
4C	Diversified crops	2,742	1.3	1,936	0.9	+ 806
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	116,557	56.5+	105,567	49.6*	+ 10,990

+ Based on the district total of 205,896 acres

* Based on the district total of 212,165 acres

Table SL 9.1
Summary of agricultural land use in the mukims of the district of Kuala Langat (Selangor)

Code	Land Use Category	BANDAR		BATU		JUGRA	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	495	223	106	517	412	361
2M	Market gardening	–	3	332	435	6	17
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	9	–	135	–	6	–
3Gm	Mature rubber	1,693	–	1,297	–	2,761	–
3Gs	Senile rubber	488	–	723	–	2,181	–
	Sub-total	2,190	4,923	2,155	3,613	4,948	7,428
30y	Young oil palm	1,756	–	2,046	–	1,990	–
30m	Mature oil palm	1,984	–	3,462	–	15,075	–
30s	Senile oil palm	332	–	1,054	–	160	–
	Sub-total	4,072	1,066	6,562	3,964	17,225	5,203
3Cy	Young coconut	313	–	382	–	131	–
3Cm	Mature coconut	1,131	–	1,853	–	392	–
3Cs	Senile coconut	78	–	298	–	24	–
	Sub-total	1,522	1,151	2,533	2,118	547	5,502
3N	Pineapple	–	4	88	114	3	–
3T	Tea	–	–	–.	–	–	725
3K	Coffee	397	1,201	1,162	1,541	23	40
3A	Cocoa	–	–	1	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	–	–	281	60	–	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	2	–	–
4P	Padi	–	–	–	–	–	20
4C	Diversified crops	42	10	1,088	443	127	15
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	8,718	8,581	14,308	12,807	23,291	19,311

Table SL 9.1 cont'd

Code	Land Use Category	KELANANG		MORIB		TANJONG DUA BELAS		TELOK PANGLIMA GARANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	301	192	184	90	1,081	1,597	995	651
2M	Market gardening	101	39	60	–	278	120	55	101
2E	Agricultural stations	–	–	–	–	34	9	–	5
3Gy	Young rubber	115	–	220	–	277	–	284	–
3Gm	Mature rubber	1,417	–	481	–	6,141	–	4,363	–
3Gs	Senile rubber	137	–	423	–	2,283	–	357	–
	Sub-total	1,669	3,173	1,124	2,602	8,701	18,928	5,004	6,750
30y	Young oil palm	1,185	–	558	–	4,624	–	1,818	–
30m	Mature oil palm	4,170	–	1,902	–	14,486	–	1,056	–
30s	Senile oil palm	934	–	644	–	–	–	–	–
	Sub-total	6,289	3,793	3,104	1,875	19,110	4,887	2,874	359
3Cy	Young coconut	135	–	81	–	292	–	294	–
3Cm	Mature coconut	2,958	–	912	–	1,066	–	2,247	–
3Cs	Senile coconut	128	–	118	–	7	–	404	–
	Sub-total	3,221	3,385	1,111	877	1,365	1,168	2,945	2,893
3N	Pineapple	4	–	–	–	430	867	317	353
3T	Tea	–	–	–	–	684	775	–	–
3K	Coffee	870	1,933	14	483	4,060	3,246	2,519	2,125
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	10	22	–	5	208	54	18	19
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	7	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	8	–
3R	Arecanut	–	–	–	–	–	17	–	–
4P	Padi	–	–	–	–	–	3	–	4
4C	Diversified crops	101	159	40	43	1,125	877	219	389
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	12,566	12,696	5,637	5,975	37,083	32,548	14,954	13,649

Table SL 10
Summary of non-agricultural land use in the district of Kuala Selangor (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,422	0.5	1,107	0.3	+ 315
1E	Estate buildings and associated areas	744	0.3	869	0.3	– 125
1T	Tin mining areas	3,317	1.1	1,318	0.4	+ 1,999
1X	Other mining and quarrying areas	16	–	–	–	+ 16
1P	Power line right of way	77	–	45	–	+ 32
6	Grasslands	6,506	2.2	9,929	3.2	– 3,423
7F	Forest	17,869	6.1	18,039	5.8	– 150
7S	Scrub forest	919	0.3	1,155	0.4	– 236
7C	Newly cleared land	6,831	2.3	2,094	0.7	+ 4,737
8	Swamps	117,740	39.9	133,466	43.5	– 15,726
9	Unused land	60	–	12,863	4.2	– 12,803
UN	Unclassified	3,981	1.3	3,025	1.0	+ 956
	Total	159,502	54.0+	183,910	59.9*	– 24,408

\+ Based on the district total of 295,340 acres

* Based on the district total of 306,823 acres

Table SL 10.1
Summary of non-agricultural land use in the mukims of the district of Kuala Selangor (Selangor)

Code	Land Use Category	API-API		BATANG BERJUNTAI		IJOK	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	130	99	310	246	90	99
1E	Estate buildings and associated areas	98	130	161	245	134	112
1T	Tin mining areas	–	–	2,590	1,318	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	–	77	43	–	2
6	Grasslands	671	322	1,347	1,226	933	2,826
7F	Forest	–	–	592	559	8,479	8,186
7S	Scrub forest	37	69	270	273	333	315
7C	Newly cleared land	244	244	1,148	565	2,096	967
8	Swamps	3,105	3,272	6,714	9,532	4,294	6,658
9	Unused land	–	2,538	–	–	–	–
UN	Unclassified	215	131	505	314	185	105
	Total	4,500	6,805	13,714	14,321	16,544	19,270

Table SL 10.1 cont'd

Code	Land Use Category	JERAM		KUALA SELANGOR		PASANGAN		TANJONG KARANG		UJONG PERMATANG		ULU TINGGI	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	168	173	286	196	36	28	327	228	75	38	–	–
1E	Estate buildings and associated areas	123	135	–	–	189	212	–	–	25	14	14	21
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	727	–
1X	Other mining and quarrying areas	16	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	499	1,590	592	205	392	485	951	2,235	821	350	300	81
7F	Forest	6,513	6,290	–	–	207	60	942	1,316	–	–	1,156	1,628
7S	Scrub forest	119	205	49	–	92	180	–	96	19	–	–	17
7C	Newly cleared land	971	242	14	–	1,244	38	118	–	820	38	176	–
8	Swamps	944	1,523	1,369	2,076	4,688	5,297	75,062	77,936	2,626	7,606	18,938	19,566
9	Unused land	–	2,591	12	1,015	–	–	11	3,329	37	3,390	–	–
UN	Unclassified	251	88	639	599	1,047	770	742	517	397	501	–	–
	Total	9,604	12,837	2,961	4,091	7,895	7,070	78,153	85,657	4,820	11,937	21,311	21,313

Table SL 11
Summary of agricultural land use in the district of Kuala Selangor (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,456	1.2	1,649	0.5	+ 1,807
2M	Market gardening	154	–	11	–	+ 143
2E	Agricultural stations	75	–	–	–	+ 75
3Gy	Young rubber	1,243	0.4	–	–	–
3Gm	Mature rubber	29,835	10.1	–	–	–
3Gs	Senile rubber	3,593	1.2	–	–	–
	Sub-total	34,671	11.7	60,176	19.6	– 25,505
3Oy	Young oil palm	13,260	4.5	–	–	–
3Om	Mature oil palm	27,330	9.3	–	–	–
3Os	Senile oil palm	1,340	0.5	–	–	–
	Sub-total	41,930	14.3	14,933	4.8	+ 26,997
3Cy	Young coconut	6,031	2.0	–	–	–
3Cm	Mature coconut	26,543	9.0	–	–	–
3Cs	Senile coconut	1,340	0.6	–	–	–
	Sub-total	34,415	11.6	27,414	9.0	+ 7,001
3N	Pineapple	–	–	82	–	– 82
3T	Tea	–	–	–	–	–
3K	Coffee	2,920	1.0	2,097	0.7	+ 823
3A	Cocoa	1,529	0.5	–	–	+ 1,529
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	330	0.1	24	–	+ 306
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	54	–	– 54
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	14,644	5.0	15,230	5.0	– 586
4C	Diversified crops	1,714	0.6	1,243	0.4	+ 471
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent Pasture	–	–	–	–	–
	Total	135,838	46.0+	122,913	40.1*	+ 12,925

+ Based on the district total of 295,340 acres

* Based on the district total of 306,823 acres

Table SL 11.1
Summary of agricultural land use in the mukims of the district of Kuala Selangor (Selangor)

Code	Land Use Category	API-API		BATANG BERJUNTAI	
		1974	1966	1974	1966
2H	Mixed horticulture	96	78	316	39
2M	Market gardening	–	11	–	–
2E	Agricultural stations	–	–	3	–
3Gy	Young rubber	–	–	284	–
3Gm	Mature rubber	3,539	–	5,052	–
3Gs	Senile rubber	60	–	736	–
	Sub-total	3,599	9,098	6,072	7,540
30y	Young oil palm	820	–	1,154	–
30m	Mature oil palm	4,837	–	2,942	–
30s	Senile oil palm	–	–	77	–
	Sub-total	5,657	1,131	4,173	2,420
3Cy	Young coconut	105	–	28	–
3Cm	Mature coconut	2,384	–	8	–
3Cs	Senile coconut	56	–	–	–
	Sub-total	2,545	2,094	36	22
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	43	194
3A	Cocoa	799	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	–	–	9	11
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	–	21	256	21
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	12,696	12,433	10,908	10,247

Table SL 11.1 cont'd

Code	Land Use Category	IJOK		JERAM		KUALA SELANGOR	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	639	122	395	366	76	157
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	548	–	315	–	–	–
3Gm	Mature rubber	8,360	–	6,814	–	73	–
3Gs	Senile rubber	680	–	538	–	4	–
	Sub-total	9,588	14,213	7,667	14,035	77	109
30y	Young oil palm	3,646	–	3,664	–	12	–
30m	Mature oil palm	3,520	–	6,134	–	21	–
30s	Senile oil palm	–	–	674	–	–	–
	Sub-total	7,166	156	10,472	4,062	33	1,932
3Cy	Young coconut	72	–	298	–	74	–
3Cm	Mature coconut	5	–	4,740	–	1,714	–
3Cs	Senile coconut	–	–	418	–	295	–
	Sub-total	77	77	5,456	5,013	2,083	–
3N	Pineapple	–	63	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	406	770	953	658	–	–
3A	Cocoa	–	–	108	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	276	4	45	–	–	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	9	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–
4C	Diversified crops	135	169	517	618	–	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	18,287	15,574	25,613	24,761	2,269	2,198

Code	Land Use Category	PASANGAN		TANJONG KARANG		UJONG PERMATANG		ULU TINGGI	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	389	306	1,378	490	163	91	4	–
2M	Market gardening	–	–	62	–	92	–	–	–
2E	Agricultural stations	–	–	72	–	–	–	–	–
3Gy	Young rubber	97	–	–	–	7	–	4	–
3Gm	Mature rubber	5,659	–	3	–	321	–	14	–
3Gs	Senile rubber	1,256	–	81	–	238	–	–	–
	Sub-total	7,012	13,774	84	55	566	1,292	18	60
30y	Young oil palm	2,537	–	285	–	1,079	–	63	–
30m	Mature oil palm	7,805	–	471	–	32	–	1,568	–
30s	Senile oil palm	517	–	–	–	6	–	66	–
	Sub-total	10,859	5,260	756	248	1,117	7,688	1,697	1,656
3Cy	Young coconut	168	–	2,298	–	2,976	–	–	–
3Cm	Mature coconut	1,966	–	8,618	–	7,108	–	–	–
3Cs	Senile coconut	41	–	420	–	611	–	–	–
	Sub-total	2,175	2,620	11,336	7,968	10,695	–	–	–
3N	Pineapple	–	18	–	1	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	232	172	722	219	564	84	–	–
3A	Cocoa	622	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	9	–	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	45	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	14,644	15,199	65	14	–	17
4C	Diversified crops	121	45	598	277	–	86	22	6
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	21,410	22,249	29,652	24,457	13,262	9,255	1,741	1,739

Table SL 12
Summary of non-agricultural land use in the district of Petaling (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	10,891	9.0	6,705	5.5	+ 4,186
1E	Estate buildings and associated areas	528	0.4	616	0.5	— 88
1T	Tin mining areas	6,442	5.3	5,663	4.6	+ 779
1X	Other mining and quarrying areas	—	—	133	0.1	— 133
1P	Power line right of way	711	0.6	756	0.6	— 45
6	Grasslands	4,569	3.7	10,849	8.9	— 6,280
7F	Forest	27,124	22.2	28,458	23.3	— 1,334
7S	Scrub forest	2,716	2.2	2,694	2.2	+ 22
7C	Newly cleared land	4,994	4.0	895	0.7	+ 4,099
8	Swamps	2,817	2.3	3,576	2.9	— 759
9	Unused land	—	—	244	0.2	— 244
UN	Unclassified	1,475	1.2	1,303	1.1	+ 172
	Total	62,267	50.9+	61,892	50.6*	+ 375

+ Based on the district total of 122,407 acres

* Based on the district total of 122,339 acres

Table SL 12.1
Summary of non-agricultural land use in the mukims of the district of Petaling (Selangor)

Code	Land Use Category	BUKIT RAJA		DAMANSARA		PETALING		SUNGAI BULOH	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	36	113	3,688	1,351	5,445	4,111	1,722	1,130
1E	Estate buildings and associated areas	80	83	119	319	110	129	219	85
1T	Tin mining areas	–	–	1,804	687	4,448	4,932	190	44
1X	Other mining and quarrying areas	–	–	–	25	–	–	–	108
1P	Power line right of way	327	388	26	34	221	166	137	168
6	Grasslands	256	543	1,277	3,287	1,990	2,761	1,046	4,258
7F	Forest	11,205	11,592	212	572	8,051	9,270	7,656	7,024
7S	Scrub forest	278	572	628	507	1,131	728	679	887
7C	Newly cleared land	49	264	3,334	383	337	27	1,274	221
8	Swamps	8	90	1,266	848	1,328	1,637	215	1,001
9	Unused land	–	–	–	244	–	–	–	–
UN	Unclassified	216	319	415	333	735	536	109	115
	Total	12,455	13,964	12,769	8,590	23,796	24,297	13,247	15,041

Table SL 13
Summary of agricultural land use in the district of Petaling (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,248	4.3	1,964	1.6	+ 3,284
2M	Market gardening	280	0.2	184	0.1	+ 96
2E	Agricultural stations	525	0.4	839	0.7	– 314
3Gy	Young rubber	1,304	1.1	–	–	–
3Gm	Mature rubber	29,137	23 8	–	–	–
3Gs	Senile rubber	6,591	5.3	–	–	–
	Sub-total	37,032	30.2	49,259	40.3	– 12,227
30y	Young oil palm	3,989	3.2	–	–	–
30m	Mature oil palm	10,647	8.7	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	14,636	11.9	6,951	5.7	+ 7,685
3Cy	Young coconut	93	0.1	–	–	–
3Cm	Mature coconut	197	0.1	–	–	–
3Cs	Senile coconut	1	–	–	–	–
	Sub-total	291	0.2	23	–	+ 268
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	12	–	23	–	– 11
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	621	0.5	161	0.1	+ 460
3F	Fibre crops	–	–	–	–	–
3S	Sago	10	–	–	–	+ 10
3B	Banana	–	–	–	–	–
3H	Fish ponds	52	–	69	–	– 17
3R	Arecanut	–	–	–	–	–
4P	Padi	206	0.2	194	0.1	+ 12
4C	Diversified crops	657	0.5	729	0.6	– 72
4X	Shifting cultivation	–	–	1	–	– 1
5	Improved permanent pasture	570	0.5	50	–	+ 520
	Total	60,140	49.1+	60,447	49.4*	– 307

+ Based on the district total of 122,407 acres

* Based on the district total of 122,339 acres

Table SL 13.1
Summary of agricultural land use in the mukims of the district of Petaling (Selangor)

Code	Land Use Category	BUKIT RAJA		DAMANSARA		PETALING		SUNGAI BULOH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	121	72	355	135	958	268	3,814	1,489
2M	Market gardening	–	–	–	–	231	153	49	31
2E	Agricultural stations	–	–	–	–	525	754	–	85
3Gy	Young rubber	286	–	188	–	478	–	352	–
3Gm	Mature rubber	4,886	–	11,938	–	4,256	–	8,057	–
3Gs	Senile rubber	443	–	1,783	–	3,433	–	932	–
	Sub-total	5,615	6,192	13,909	21,926	8,167	9,480	9,341	11,661
30y	Young oil palm	662	–	1,624	–	109	–	1,594	–
30m	Mature oil palm	2,378	–	5,551	–	457	–	2,261	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	3,040	1,009	7,175	3,728	566	–	3,855	2,214
3Cy	Young coconut	–	–	14	–	4	–	75	–
3Cm	Mature coconut	–	–	10	–	18	–	169	–
3Cs	Senile coconut	–	–	–	–	–	–	1	–
	Sub-total	–	4	24	6	22	10	245	3
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	2	–	–	–	–	8	10	15
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	1	4	68	–	151	54	401	103
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	10	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	25	13	27	56
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–	206	194
4C	Diversified crops	23	11	89	4	245	169	300	545
4X	Shifting cultivation	–	1	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	570	50	–	–
	Total	8,802	7,293	21,620	25,799	11,460	10,959	18,258	16,396

Table SL 14
Summary of non-agricultural land use in the district of Sabak Bernam (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,212	0.5	960	0.4	+ 252
1E	Estate buildings and associated areas	183	0.1	161	0.1	+ 22
1T	Tin mining areas	–	–	4	–	– 4
1X	Other mining and quarrying areas	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–
6	Grasslands	2,300	0.9	6,410	2.5	– 4,110
7F	Forest	1,557	0.6	4,142	1.6	– 2,585
7S	Scrub forest	533	0.2	1,216	0.5	– 683
7C	Newly cleared land	6,188	2.5	26	–	+ 6,162
8	Swamps	119,099	48.1	129,058	50.4	– 9,959
9	Unused land	942	0.4	10,347	4.0	– 9,405
UN	Unclassified	4,603	1.8	4,612	1.8	– 9
	Total	136,617	55.1+	156,936	61.3*	– 20,319

+ Based on the district total of 247,758 acres

* Based on the district total of 255,897 acres

Table SL 14.1
Summary of non-agricultural land use in the mukims of the district of Sabak Bernam (Selangor)

Code	Land Use Category	BAGAN NAKHODA OMAR		PANCHANG BEDENDA		PASIR PANJANG		SABAK		SUNGEI PANJANG	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	142	147	330	244	326	305	342	254	72	10
1E	Estate buildings and associated areas	30	20	2	–	–	–	151	104	–	37
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	4
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–
6	Grasslands	316	2,219	97	236	54	792	314	515	1,519	2,648
7F	Forest	–	–	–	778	–	–	6	12	1,551	3,352
7S	Scrub forest	41	147	–	–	–	24	65	97	427	948
7C	Newly cleared land	–	–	2,462	–	10	–	57	22	3,659	4
8	Swamps	4,850	5,384	11,628	15,783	52,522	53,896	1,502	2,072	48,597	51,923
9	Unused land	–	3,028	1	3,875	941	3,436	–	8	–	–
UN	Unclassified	274	460	192	345	113	225	2,552	2,562	1,472	1,020
	Total	5,653	11,405	14,712	21,261	53,966	58,678	4,989	5,646	57,297	59,946

Table SL 15
Summary of agricultural land use in the district of Sabak Bernam (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	1,357	0.5	1,164	0.4	+ 193
2M	Market gardening	5	–	–	–	+ 5
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	57	–	–	–	–
3Gm	Mature rubber	31	–	–	–	–
3Gs	Senile rubber	72	–	–	–	–
	Sub-total	160	–	1,072	0.4	– 912
30y	Young oil palm	1 467	0.6	–	–	–
30m	Mature oil palm	3,190	1.3	–	–	–
30s	Senile oil palm	303	0.1	–	–	–
	Sub-total	4,960	2.0	1,012	0.4	+ 3,948
3Cy	Young coconut	4,861	2.0	–	–	–
3Cm	Mature coconut	58,108	23.4	–	–	–
3Cs	Senile coconut	438	0.2	–	–	–
	Sub-total	63,407	25.6	58,163	22.7	+ 5,244
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	1,861	0.7	32	–	+ 1,829
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	6	–	21	–	– 15
3F	Fibre crops	–	–	–	–	–
3S	Sago	153	0.1	–	–	+ 153
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	38,012	15.3	36,455	14.2	+ 1,557
4C	Diversified crops	1,220	0.5	1,042	0.4	+ 178
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	111,141	44.9+	98,961	38.7*	+ 12,180

+ Based on the district total of 247,758 acres

* Based on the district total of 255,897 acres

Table SL 15.1
Summary of agricultural land use in the mukims of the district of Sabak Bernam (Selangor)

Code	Land Use Category	BAGAN NAKHODA OMAR		PANCHANG BEDENA	
		1974	1966	1974	1966
2H	Mixed horticulture	3	7	284	264
2M	Market gardening	–	–	–	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	–	–	49	–
3Gm	Mature rubber	–	–	–	–
3Gs	Senile rubber	–	–	–	–
	Sub-total	–	10,835	49	–
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	1,784	–	1,516	–
3Cm	Mature coconut	11,896	–	9,615	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	13,680	–	11,131	9,096
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	–	–	–	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	62	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	17,508	17,161
4C	Diversified crops	348	72	213	–
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	14,031	10,914	29,247	26,521

Table SL 15.1 cont'd

Code	Land Use Category	PASIR PANJANG		SABAK		SUNGEI PANJANG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	649	449	108	151	313	293
2M	Market gardening	–	–	5	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	–	–	7	–	1	–
3Gm	Mature rubber	–	–	3	–	28	–
3Gs	Senile rubber	–	–	8	–	64	–
	Sub-total	–	–	18	916	93	156
30y	Young oil palm	–	–	1,416	–	51	–
30m	Mature oil palm	–	–	2,413	–	777	–
30s	Senile oil palm	–	–	–	–	303	–
	Sub-total	–	–	3,829	–	1,131	1,012
3Cy	Young coconut	704	–	70	–	787	–
3Cm	Mature coconut	2,296	–	29,606	–	4,695	–
3Cs	Senile coconut	147	–	289	–	2	–
	Sub-total	3,147	2,615	29,965	32,430	5,484	3,187
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	1,051	32	810	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	1	–	5	19	–	2
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	91	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	14,983	13,860	16	27	5,505	5,407
4C	Diversified crops	260	924	192	19	207	27
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	19,040	17,848	35,280	33,594	13,543	10,084

Table SL 16
Summary of non-agricultural land use in the district of Sepang (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	760	0.5	376	0.2	+ 384
1E	Estate buildings and associated areas	544	0.3	696	0.4	— 152
1T	Tin mining areas	1,433	0.9	1,197	0.7	+ 236
1X	Other mining and quarrying areas	178	0.1	8	—	+ 170
1P	Power line right of way	702	0.4	398	0.2	+ 304
6	Grasslands	7,209	4.6	4,970	3.2	+ 2,239
7F	Forest	7,055	4.5	5,872	3.7	+ 1,183
7S	Scrub forest	2,723	1.7	2,738	2.0	— 15
7C	Newly cleared land	2,541	1.6	770	0.5	+ 1,771
8	Swamps	54,270	34.5	65,686	41.7	— 11,416
9	Unused land	179	0.1	271	0.2	— 92
UN	Unclassified	857	0.5	1,019	0.6	— 162
	Total	78,451	49.9+	84,001	53.4*	— 5,550

+ Based on the district totai of 157,279 acres

* Based on the district total of 157,413 acres

Table SL 16.1
Summary of non-agricultural land use in the mukims of the district of Sepang (Selangor)

Code	Land Use Category	DENGKIL		LABU		SEPANG	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	390	196	77	58	293	122
1E	Estate buildings and associated areas	283	183	65	96	196	417
1T	Tin mining areas	1,433	1,197	–	–	–	–
1X	Other mining and quarrying areas	170	8	–	–	8	–
1P	Power line right of way	637	398	45	–	20	–
6	Grasslands	4,399	4,133	1,476	334	1,334	503
7F	Forest	5,794	5,635	918	116	343	121
7S	Scrub forest	1,427	2,202	545	372	751	164
7C	Newly cleared land	1,261	376	849	132	431	262
8	Swamps	15,668	19,127	20,430	23,979	18,172	22,580
9	Unused land	42	–	–	–	137	271
UN	Unclassified	485	662	53	99	319	258
	Total	31,989	34,117	24,458	25,186	22,004	24,698

Table SL 17
Summary of agricultural land use in the district of Sepang (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	1,595	1.0	1,153	0.7	+ 442
2M	Market gardening	22	—	4	—	+ 18
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	3,147	2.0	—	—	—
3Gm	Mature rubber	35,476	22.6	—	—	—
3Gs	Senile rubber	8,843	5.6	—	—	—
	Sub-total	47,466	30.2	55,811	35.4	— 8,345
30y	Young oil palm	6,164	3.9	—	—	—
30m	Mature oil palm	16,199	10.3	—	—	—
30s	Senile oil palm	1,403	0.9	—	—	—
	Sub-total	23,766	15.1	11,559	7.3	+ 12,207
3Cy	Young coconut	191	0.1	—	—	—
3Cm	Mature coconut	1,082	0.7	—	—	—
3Cs	Senile coconut	19	—	—	—	—
	Sub-total	1,292	0.8	1,741	1.1	— 449
3N	Pineapple	—	—	—	—	—
3T	Tea	681	0.4	841	0.5	— 160
3K	Coffee	949	0.6	1,159	0.7	— 210
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	280	0.2	66	—	+ 214
3F	Fibre crops	—	—	—	—	—
3S	Sago	105	0.1	37	—	+ 68
3B	Banana	—	—	—	—	—
3H	Fish ponds	66	—	—	—	+ 66
3R	Arecanut	—	—	—	—	—
4P	Padi	175	0.1	428	0.3	— 253
4C	Diversified crops	2,046	1.3	613	0.4	+ 1,433
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	385	0.2	—	—	+ 385
	Total	78,828	50.1+	73,412	46.6*	+ 5,416

+ Based on the district total of 157,279 acres

* Based on the district total of 157,413 acres

Table SL 17.1
Summary of agricultural land use in the mukims of the district of Sepang (Selangor)

Code	Land Use Category	DENGKIL		LABU		SEPANG	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,044	606	232	156	319	391
2M	Market gardening	12	–	–	–	10	4
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,983	–	997	–	167	–
3Gm	Mature rubber	21,851	–	5,524	–	8,101	–
3Gs	Senile rubber	5,775	–	1,339	–	1,729	–
	Sub-total	29,609	34,871	7,860	8,256	9,997	12,684
30y	Young oil palm	2,675	–	192	–	3,297	–
30m	Mature oil palm	4,720	–	366	–	11,113	–
30s	Senile oil palm	25	–	–	–	1,378	–
	Sub-total	7,420	1,221	558	121	15,788	10,217
3Cy	Young coconut	6	–	7	–	178	–
3Cm	Mature coconut	42	–	10	–	1,030	–
3Cs	Senile coconut	–	–	1	–	18	–
	Sub-total	48	8	18	–	1,226	1,733
3N	Pineapple	681	–	–	–	–	–
3T	Tea	–	841	–	–	–	–
3K	Coffee	39	48	3	–	907	1,111
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	168	24	84	10	28	32
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	93	29	12	8	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	66	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	175	416	–	10	–	2
4C	Diversified crops	671	226	549	35	826	352
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	385	–	–	–	–	–
	Total	40,411	38,290	9,316	8,596	29,101	26,526

Table SL 18
Summary of non-agricultural land use in the district of Ulu Langat (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,874	1.8	2,781	1.3	+ 1,093
1E	Estate buildings and associated areas	162	0.1	454	0.2	– 292
1T	Tin mining areas	5,699	2.7	4,535	2.2	+ 1,164
1X	Other mining and quarrying areas	116	0.1	72	–	+ 44
1P	Power line right of way	389	0.2	488	0.2	– 99
6	Grasslands	7,886	3.8	8,863	4.2	– 977
7F	Forest	92,213	44.1	96,442	46.2	– 4,229
7S	Scrub forest	4,905	2.3	6,600	3.1	– 1,695
7C	Newly cleared land	2,050	1.0	509	0.2	+ 1,541
8	Swamps	2,933	1.4	5,342	2.5	– 2,409
9	Unused land	2	–	12	–	– 10
UN	Unclassified	1,442	0.7	1,253	0.6	+ 189
	Total	121,671	58.2+	127,351	61.0*	– 5,680

+ Based on the district total of 208,915 acres

* Based on the district total of 208,909 acres

Table SL 18.1
Summary of non-agricultural land use in the mukims of the district of Ulu Langat (Selangor)

Code	Land Use Category	AMPANG		BERANANG		CHERAS	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	1,164	802	38	30	470	339
1E	Estate buildings and associated areas	–	–	54	97	4	2
1T	Tin mining areas	2,245	3,117	37	–	207	161
1X	Other mining and quarrying areas	–	72	–	–	–	–
1P	Power line right of way	4	17	105	114	2	10
6	Grasslands	713	1,020	403	449	658	973
7F	Forest	2,389	2,440	43	35	1,368	1,450
7S	Scrub forest	403	612	189	413	505	891
7C	Newly cleared land	5	67	413	18	136	105
8	Swamps	763	26	382	791	70	194
9	Unused land	–	–	–	–	–	–
UN	Unclassified	375	252	145	92	125	71
	Total	8,061	8,425	1,809	2,039	3,545	4,196

Table SL 18.1 cont'd

Code	Land Use Category	KAJANG		SEMENYIH		ULU LANGAT		ULU SEMENYIH	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	1,494	1,134	348	244	317	183	43	49
1E	Estate buildings and associated areas	10	183	90	137	–	–	4	35
1T	Tin mining areas	1,288	588	742	310	26	–	1,154	359
1X	Other mining and quarrying areas	14	–	–	–	102	–	–	–
1P	Power line right of way	201	255	–	–	77	92	–	–
6	Grasslands	1,905	2,558	696	1,447	2,710	1,794	801	622
7F	Forest	2,115	2,157	3,264	3,185	50,023	52,735	33,011	34,440
7S	Scrub forest	500	712	425	1,132	1,951	2,118	932	722
7C	Newly cleared land	397	166	448	99	466	54	185	–
8	Swamps	833	1,818	587	1,048	269	720	29	745
9	Unused land	2	–	–	–	–	12	–	–
UN	Unclassified land	255	274	199	134	229	270	114	160
	Total	9,014	9,845	6,799	7,736	56,170	57,978	36,273	37,132

Table SL 19
Summary of agricultural land use in the district of Ulu Langat (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,092	2.0	3,883	1.8	+ 209
2M	Market gardening	507	0.2	182	0.1	+ 325
2E	Agricultural stations	31	–	64	–	– 33
3Gy	Young rubber	4,781	2.3	–	–	–
3Gm	Mature rubber	59,908	28.7	–	–	–
3Gs	Senile rubber	11,713	5.6	–	–	–
	Sub-total	76,402	36.6	74,768	35.8	+ 1,634
30y	Young oil palm	1,517	0.7	–	–	–
30m	Mature oil palm	1,402	0.7	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	2,919	1.4	301	0.1	+ 2,618
3Cy	Young coconut	4	–	–	–	–
3Cm	Mature coconut	23	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	27	–	21	–	+ 6
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	14	–	–	–	+ 14
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	545	0.3	266	0.1	+ 279
3F	Fibre crops	–	–	–	–	–
3S	Sago	94	–	56	–	+ 38
3B	Banana	–	–	–	–	–
3H	Fish ponds	59	–	35	–	+ 24
3R	Arecanut	–	–	–	–	–
4P	Padi	2,018	1.0	1,829	0.9	+ 189
4C	Diversified crops	536	0.2	153	0.1	+ 383
4X	Shifting cultivation	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–
	Total	87,244	41.7+	81,558	39.0*	+ 5,686

+ Based on the district total of 208,915 acres

* Based on the district total of 208,909 acres

Table SL 19.1
Summary of agricultural land use in the mukims of the district of Ulu Langat (Selangor)

Code	Land Use Category	AMPANG		BERANANG		CHERAS	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	98	14	771	838	405	611
2M	Market gardening	355	78	–	–	101	29
2E	Agricultural stations	–	–	–	–	31	64
3Gy	Young rubber	–	–	818	–	298	–
3Gm	Mature rubber	229	–	9,647	–	7,941	–
3Gs	Senile rubber	76	–	1,012	–	1,606	–
	Sub-total	305	253	11,477	11,374	9,845	9,286
30y	Young oil palm	–	–	117	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	117	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	2	–	–	–	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	–	6	172	2	136	21
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	8	4	–	8
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	17	5
3R	Arecanut	–	–	–	–	–	–
4P	Padi	–	–	1,002	1,136	–	–
4C	Diversified crops	–	41	42	5	175	35
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	758	394	13,589	13,359	10,710	10,059

Table SL 19.1 cont'd

Code	Land Use Category	KAJANG		SEMENYIH		ULU LANGAT		ULU SEMENYIH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	723	731	275	289	1,761	1,376	59	24
2M	Market gardening	41	25	8	45	2	–	–	5
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	396	–	1,182	–	604	–	1,483	–
3Gm	Mature rubber	11,157	–	12,512	–	12,586	–	6,014	–
3Gs	Senile rubber	2,173	–	2,101	–	2,966	–	1,601	–
	Sub-total	13,726	13,824	15,795	16,217	16,156	15,114	9,098	8,700
30y	Young oil palm	396	–	764	–	–	–	240	–
30m	Mature oil palm	863	–	455	–	–	–	84	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	1,259	301	1,219	–	–	–	324	–
3Cy	Young coconut	–	–	4	–	–	–	–	–
3Cm	Mature coconut	–	–	13	–	10	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	17	–	10	19	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	11	–	3	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	66	226	111	–	60	11	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	26	44	60	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	25	4	4	–	5	26	8	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	85	34	106	161	808	498	17	–
4C	Diversified crops	91	27	56	5	70	20	102	20
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	16,053	15,216	17,654	16,717	18,872	17,064	9,608	8,749

Table SL 20
Summary of non-agricultural land use in the district of Ulu Selangor (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and a sociated areas	1,604	0.4	1,881	0.4	— 277
1E	Estate buildings and associated areas	992	0.2	1,046	0.2	— 54
1T	Tin mining areas	11,490	2.6	4,387	1.0	+ 7,103
1X	Other mining and quarrying areas	—	—	172	—	— 172
1P	Power line right of way	1,332	0.3	1,104	0.2	+ 228
6	Grasslands	6,218	1.4	13,327	3.2	— 7,109
7F	Forest	243,405	56.1	260,637	60.0	— 17,232
7S	Scrub forest	17,529	4.0	17,879	4.1	— 350
7C	Newly cleared land	3,225	0.7	3,643	1.0	— 418
8	Swamps	21,211	4.9	20 433	4.7	+ 778
9	Unused land	2	—	—	—	+ 2
UN	Unclassified	1,963	0.5	2,080	0.5	— 117
	Total	308,971	71.2+	326,589	75.3*	— 17,618

+ Based on the district total of 434,044 acres

* Based on the district total of 434,048 acres

Table SL 20.1
Summary of non-agricultural land use in the mukims of the district of Ulu Selangor (Selangor)

Code	Land Use Category	AMPANG PECHAH		BATANG KALI	
		1974	1966	1974	1966
1U	Urban and associated areas	616	523	146	121
1E	Estate buildings and associated areas	9	2	70	54
1T	Tin mining Areas	533	61	732	171
1X	Other mining and quarrying areas	–	120	–	–
1P	Power line right of way	124	–	84	73
6	Grasslands	350	681	428	1,386
7F	Forest	4,848	3,632	22,981	23,124
7S	Scrub forest	949	1,772	2,813	2,477
7C	Newly cleared land	225	23	406	235
8	Swamps	6	218	747	1,069
9	Unused land	2	–	–	–
UN	Unclassified	35	59	279	268
	Total	7,697	7,091	28,686	28,978

Table SL 20.1 cont'd

Code	Land Use Category	BULOH TELOR		KALUMPANG		KERLING		KUALA KALUMPANG		PERETAK	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	88	130	54	88	35	5	51	54
1E	Estate buildings and associated areas	–	–	–	–	86	77	27	30	–	–
1T	Tin mining areas	381	309	191	44	418	61	732	282	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	26	44	109	109	43	58	–	–
6	Grasslands	39	119	125	165	310	877	459	710	69	1,289
7F	Forest	4,383	4,050	8,375	8,533	32,186	31,229	3,929	4,047	47,100	46,935
7S	Scrub forest	123	399	387	323	1,800	3,343	424	567	2,741	1,589
7C	Newly cleared land	–	7	–	3	124	450	82	25	–	–
8	Swamps	72	26	5	3	366	380	285	63	–	11
9	Unused land	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	82	125	31	36	224	210	27	41	144	100
	Total	5,080	5,035	9,228	9,281	35,677	36,824	6,043	5,828	50,105	49,978

Table SL 20.1 cont'd

Code	Land Use Category	RASA		SERENDAH		SUNGAI GUMUT		SUNGAI TINGGI		ULU BERNAM		ULU YAM	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	181	106	85	189	–	–	120	–	112	369	116	296
1E	Estate buildings and associated areas	–	–	244	142	34	36	165	291	281	308	76	106
1T	Tin mining areas	874	244	3,030	1,214	790	288	646	145	652	78	2,511	1,490
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	52
1P	Power line right of way	93	97	429	319	64	63	93	10	160	232	107	99
6	Grasslands	115	722	656	2,569	271	763	376	652	2,031	2,147	989	1,247
7F	Forest	13,283	13,648	20,499	21,545	4,068	3,394	16,421	16,866	52,577	70,726	12,755	12,908
7S	Scrub forest	397	1,049	2,752	1,912	579	574	93	79	3,537	2,682	934	1,113
7C	Newly cleared land	196	2	42	551	33	173	718	531	1,114	1,462	285	181
8	Swamps	232	571	1,474	2,576	255	161	4,486	4,818	12,622	9,473	661	1,064
9	Unused land	–	–	–	–	–	–	–	–	–	–	–	–
UN	Unclassified	41	125	271	441	–	24	195	88	548	442	86	121
	Total	15,412	16,564	29,482	31,458	6,094	5,476	23,313	23,480	73,634	87,919	18,520	18,677

Table SL 21
Summary of agricultural land use in the district of Ulu Selangor (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	2,932	0.7	1,568	0.3	+ 1,364
2M	Market gardening	108	–	55	–	+ 53
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	10,213	2.4	–	–	–
3Gm	Mature rubber	67,280	15.5	–	–	–
3Gs	Senile rubber	13,472	3.1	–	–	–
	Sub-total	90,965	21.0	90,710	21.0	+ 255
30y	Young oil palm	5,103	1.2	–	–	–
30m	Mature oil palm	24,978	5.8	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	30,081	7.0	14,335	3.3	+ 15,746
3Cy	Young coconut	–	–	–	–	–
3Cm	Mature coconut	69	–	–	–	+ 69
3Cs	Senile coconut	–	–	–	–	–
	Sub-total	69	–	66	–	+ 3
3N	Pineapple	–	–	–	–	–
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	131	–	92	–	+ 39
3F	Fibre crops	–	–	–	–	–
3S	Sago	–	–	15	–	– 15
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	10	–	– 10
3R	Arecanut	–	–	–	–	–
4P	Padi	148	–	225	–	– 77
4C	Diversified crops	639	0.1	302	0.1	+ 337
4X	Shifting cultivation	–	–	81	–	– 81
5	Improved permanent pasture	–	–	–	–	–
	Total	125,073	28.8+	107,459	24.7*	+ 17,614

\+ Based on the district total of 434,044 acres

* Based on the district total of 434,048 acres

Table SL 21.1
Summary of agricultural land use in the mukims of the district of Ulu Selangor (Selangor)

Code	Land Use Category	AMPANG PECHAH		BATANG KALI	
		1974	1966	1974	1966
2H	Mixed horticulture	88	83	144	168
2M	Market gardening	–	–	64	5
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	284	–	661	–
3Gm	Mature rubber	1,684	–	7,290	–
3Gs	Senile rubber	422	–	2,497	–
	Sub-total	2,390	3,438	10,448	10,451
30y	Young oil palm	334	–	224	–
30m	Mature oil palm	1	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	335	–	224	–
3Cy	Young coconut	–	–	–	–
3Cm	Mature coconut	–	–	43	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	–	–	43	19
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchards	–	10	54	11
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	–	–	–	–
4C	Diversified crops	112	–	44	58
4X	Shifting cultivation	–	–	–	12
5	Improved permanent pasture	–	–	–	–
	Total	2,925	3,531	11,021	10,724

Code	Land Use Category	BULOH TELOR		KALUMPANG		KERLING	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	–	–	125	110	164	95
2M	Market gardening	–	–	–	19	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	6	–	90	–	816	–
3Gm	Mature rubber	429	–	125	–	6,035	–
3Gs	Senile rubber	–	–	72	–	1,023	–
	Sub-total	435	515	287	203	7,874	6,993
30y	Young oil palm	–	–	–	–	200	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	200	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	6	17	–
3X	Orchards	–	–	–	–	–	–
3F	Fibre crops	–	–	–	3	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	4
4P	Padi	35	–	–	18	2	27
4C	Diversified crops	–	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	470	515	412	359	8,257	7,119

Table SL 21.1 cont'd

Code	Land Use Category	KUALA KALUMPANG		PERETAK		RASA		SERENDAH	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	29	80	3	6	5	21	356	174
2M	Market gardening	–	16	–	–	–	–	16	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	392	–	–	–	172	–	2,367	–
3Gm	Mature rubber	2,452	–	132	–	2,825	–	14,668	–
3Gs	Senile rubber	335	–	–	–	1,946	–	1,957	–
	Sub-total	3,179	3,672	132	187	4,943	3,845	18,992	19,377
30y	Young oil palm	5	–	–	–	–	–	1,475	–
30m	Mature oil palm	358	–	–	–	69	–	1,668	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	363	–	–	–	69	–	3,143	997
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	12	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	12	14	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	14	–	–	12	9	19	4
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	6
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	–	–	–	–
4C	Diversified crops	52	56	–	–	–	–	8	–
4X	Shifting cultivation	–	–	–	69	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,623	3,838	135	262	5,041	3,889	22,534	20,558

Code	Land Use Category	SUNGAI GUMUT		SUNGAI TINGGI		ULU BERNAM		ULU YAM	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	4	9	29	–	1,433	567	552	255
2M	Market gardening	7	–	14	6	3	4	4	5
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	508	–	2,879	–	1,308	–	730	–
3Gm	Mature rubber	2,753	–	9,709	–	12,483	–	6,695	–
3Gs	Senile rubber	681	–	730	–	1,705	–	2,104	–
	Sub-total	3,942	4,669	13,318	13,206	15,496	15,625	9,529	8,529
30y	Young oil palm	197	–	348	–	2,132	–	188	–
30m	Mature oil palm	–	–	1,851	–	20,398	–	633	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	197	–	2,199	2,210	22,530	9,267	821	1,861
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	–	–	14	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	33	–	–	14	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	2	–	5	22	22	16
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	2	–	–	–	–	–	4
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	10	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	–	–	–	–	21	15	127	206
4C	Diversified crops	10	65	49	22	324	31	3	25
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,160	4,778	15,611	15,444	39,826	25,541	11,058	10,901

Table SL 22
Summary of non-agricultural land use in the territory of Wilayah Persekutuan (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (−) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	25,614	43.4	19,614	33.2	+ 6,000
1E	Estate buildings and associated areas	11	–	108	0.2	– 97
1T	Tin mining areas	4,607	7.8	6,632	11.2	– 2,025
1X	Other mining and quarrying areas	–	–	18	–	– 18
1P	Power line right of way	136	0.2	172	0.3	– 36
6	Grasslands	4,752	8.0	6,810	11.5	– 2,058
7F	Forest	799	1.3	972	1.6	– 173
7S	Scrub forest	2,526	4.3	3,277	5.5	– 751
7C	Newly cleared land	864	1.5	62	0.1	+ 802
8	Swamps	1,561	2.6	929	1.6	+ 632
9	Unused land	–	–	919	1.5	– 919
UN	Unclassified	968	1.6	283	0.5	+ 685
	Total	41,838	70.8+	39,796	67.4*	+ 2,042

+ Based on the district total of 59,067 acres

* Based on the district total of 59,067 acres

Table SL 22.1
Summary of non-agricultural land use in the mukims of the territory of Wilayah Persekutuan (Selangor)

Code	Land Use Category	WILAYAH PERSEKUTUAN	
		1974	1966
1U	Urban and associated areas	25,614	19,614
1E	Estate buildings and associated areas	11	108
1T	Tin mining areas	4,607	6,632
1X	Other mining and quarrying areas	–	18
1P	Power line right of way	136	172
6	Grasslands	4,752	6,810
7F	Forest	799	972
7S	Scrub forest	2,526	3,277
7C	Newly cleared land	864	62
8	Swamps	1,561	929
9	Unused land	–	919
UN	Unclassified	968	283
	Total	41,838	39,796

Table SL 23
Summary of agricultural land use in the territory of Wilayah Persekutuan (Selangor)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	992	1.7	813	1.4	+ 179
2M	Market gardening	747	1.3	346	0.6	+ 401
2E	Agricultural stations	61	0.1	—	—	+ 61
3Gy	Young rubber	342	0.6	—	—	—
3Gm	Mature rubber	10,094	17.1	—	—	—
3Gs	Senile rubber	4,821	8.2	—	—	—
	Sub-total	15,257	25.9	17,832	30.2	— 2,575
30y	Young oil palm	1	—	—	—	—
30m	Mature oil palm	6	—	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	7	—	—	—	+ 7
3Cy	Young coconut	1	—	—	—	—
3Cm	Mature coconut	—	—	—	—	—
3Cs	Senile coconut	—	—	—	—	—
	Sub-total	1	—	9	—	— 8
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	2	—	— 2
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	31	—	14	—	+ 17
3F	Fibre crops	—	—	—	—	—
3S	Sago	—	—	—	—	—
3B	Banana	—	—	—	—	—
3H	Fish ponds	50	0.1	26	—	+ 24
3R	Arecanut	—	—	—	—	—
4P	Padi	26	—	84	0.1	— 58
4C	Diversified crops	57	0.1	145	0.2	— 88
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	—	—	—	—	—
	Total	17,229	29.2+	19,271	32.6	— 2,042

+ Based on the district total of 59,067 acres

* Based on the district total of 59,067 acres

Table SL 23.1
Summary of agricultural land use in the mukims of the territory of Wilayah Persekutuan (Selangor)

Code	Land Use Category	WILAYAH PERSEKUTUAN	
		1974	1966
2H	Mixed horticulture	992	813
2M	Market gardening	747	346
2E	Agricultural stations	61	–
3Gy	Young rubber	342	–
3Gm	Mature rubber	10,094	–
3Gs	Senile rubber	4,821	–
	Sub-total	15,257	17,832
30y	Young oil palm	1	–
30m	Mature oil palm	6	–
30s	Senile oil palm	–	–
	Sub-total	7	–
3Cy	Young coconut	1	–
3Cm	Mature coconut	–	–
3Cs	Senile coconut	–	–
	Sub-total	1	9
3N	Pineapple	–	–
3T	Tea	–	–
3K	Coffee	–	2
3A	Cocoa	–	–
3P	Pepper	–	–
3Y	Sugarcane	–	–
3X	Orchards	31	14
3F	Fibre crops	–	–
3S	Sago	–	–
3B	Banana	–	–
3H	Fish ponds	50	26
3R	Arecanut	–	–
4P	Padi	26	84
4C	Diversified crops	57	145
4X	Shifting cultivation	–	–
5	Improved permanent pasture	–	–
	Total	17,229	19,271

THE PRESENT LAND USE OF TERENGGANU

The General Pattern

Extensive forests, often associated with rugged mountainous terrain, characterize the greater portion of the western half of the State of Terengganu. Development of urban and agricultural lands in the State is concentrated in the coastal plain and low hills with narrow inroads made along the valleys of the major rivers. Much agricultural development and settlement have occurred on the deltas of the major rivers particularly those of the Sungai Terengganu and Sungai Besut. Away from the major deltaic centres, development is confined to a narrow coastal strip, further development inland on the coastal plain being limited by extensive swamps.

The major crop grown on the coastal plain and river deltas is padi. Although the crop is grown in contiguous blocks of tens to hundreds of hectares individual lots are small, this being a smallholder crop. Similarly, coconuts are cultivated on the plain, within and on the periphery of padi fields or on the permatang of raised beaches. Coconuts commonly constitute one of the components of mixed horticulture units which may include a combination of any number of other common crops, particularly fruit trees, tapioca, bananas, vegetables and the odd rubber tree. Generally, however, rubber grows is the hilly region in blocks of substantial extent. Cocoa is cultivated in the Jerangau area on a commercial estate basis. Similarly oil palm, a relatively new crop to the State is grown on a large scale commercial estate basis in the foothills region.

The land use area for the State in 1974 is 4,172 acres (1,690 ha) larger than the physical area. This difference, as explained in the section on the Methodology of Survey, is mainly due to the presence of scrubland in young rubber and coconut holdings. Such poorly managed holdings are more extensive in the district of Besut, Kuala Terengganu and Ulu Terengganu than in the other districts.

Post – 1966 Developments

While the physical and land use areas of the State of Terengganu have remained practically static, internal changes have been more considerable. Agricultural land use has increased by 165,293 acres (66,944 ha). This figure, however, does not account for the total area earmarked for agricultural development. A more complete assessment of the total land area devoted to agricultural use would have to take into consideration the areas of newly cleared land. As indicated in Table TU 1 the inclusion of newly cleared land to cultivated land brings the total area of agricultural land use in 1974 to 487,953 acres (197,621 ha) which is 189,516 acres (76,754 ha) more than that in 1966 (Wong, 1970 c).

Most of the increase in agricultural land has resulted from the clearing of forested land. This change is seen in all the districts except Marang District. Over the State as a whole the major increases in non-agricultural land use have resulted from the expansion of urban land and quarrying and non-tin mining areas (Table TU 2). The increase in the unclassified category is the result of re-alignment of the boundaries across river estuaries. On the other hand, substantial reductions have taken place over scrub grasslands, forests, scrub forests, swamps and unused land. These reductions in non-agricultural land use are reflected in the increase in agricultural land (Table TU 3) and newly cleared land. Major increases within the agricultural sector have occurred in holdings of mixed horticulture, rubber, oil palm, coconut, cocoa, orchards, padi and diversified crops.

Detail comparisons by land use category at the State, district and mukim levels are indicated in Tables TU 2 to TU 15.

Table TU 1
The land use summary of the State of Terengganu

Description	1974	1966	Increase (+) or decrease (—) over 1966 total acres
	acres	acres	
Total physical area	3,199,086	3,199,062	+ 24
Total land use area	3,203,258*	3,199,060	— 4
Cultivated area	439,197	273,904	+ 165,293
Newly cleared land	48,756	24,533	+ 24,223
Total agricultural land	487,953	298,437	+ 189,516

* The land use acreage in 1974 is 4,172 acres larger than the physical area because of the adoption of the crop equivalent factor for mixed associations.

Table TU 2
Summary of non-agricultural land use in the State of Terengganu

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
1U	Urban and associated areas	7,535	0.2	5,226	0.2	+ 2,309
1E	Estate buildings and associated areas	881	–	166	–	+ 715
1T	Tin mining areas	97	–	77	–	+ 20
1X	Other mining and quarrying areas	5,181	0.2	2,986	0.1	+ 2,195
1P	Power line right of way	17	–	–	–	+ 17
6	Grasslands	69,175	2.1	94,064	2.9	– 24,889
7F	Forest	2,145,708	67.0	2,304,972	72.0	– 159,264
7S	Scrub forest	183,057	5.7	189,033	5.9	– 5,976
7C	Newly cleared land	48,756	1.5	24,533	0.8	+ 24,223
8	Swamps	266,775	8.3	269,577	8.4	– 2,802
9	Unused land	6,351	0.2	9,157	0.3	– 2,806
UN	Unclassified	30,528	1.0	25,367	0.8	+ 5,161
	Total	2,764,061	86.3+	2,925,158	91.4*	– 161,097

+ Based on the State total of 3,203,258 acres

* Based on the State total of 3,199,062 acres

Table TU 3
Summary of agricultural land use in the State of Terengganu

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of State	Total acres	% of State	
2H	Mixed horticulture	60,892	1.9	41,152	1.3	+ 19,740
2M	Market gardening	237	–	100	–	+ 137
2E	Agricultural stations	195	–	124	–	+ 71
3Gy	Young rubber	41,907	1.3	–	–	–
3Gm	Mature rubber	111,053	3.5	–	–	–
3Gs	Senile rubber	32,111	1.0	–	–	–
	Sub-total	185,071	5.8	148,416	4.6	+ 36,655
30y	Young oil palm	24,995	0.8	–	–	–
30m	Mature oil palm	42,879	1.3	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	67,874	2.1	3,410	0.1	+ 64,469
3Cy	Young coconut	3,441	0.1	–	–	–
3Cm	Mature coconut	16,655	0.5	–	–	–
3Cs	Senile coconut	907	–	–	–	–
	Sub-total	21,003	0.6	16,472	0.5	+ 4,531
3N	Pineapple	358	–	–	–	+ 358
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	2,261	0.1	1,065	–	+ 1,196
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	4,309	0.1	1,279	–	+ 3,030
3F	Fibre crops	–	–	–	–	–
3S	Sago	325	–	248	–	+ 77
3B	Banana	–	–	–	–	–
3H	Fish ponds	2	–	–	–	+ 2
3R	Arecanut	–	–	–	–	–
4P	Padi	84,200	2.6	60,939	1.9	+ 23,261
4C	Diversified crops	12,366	0.4	686	–	+ 11,680
4X	Shifting cultivation	104	–	13	–	+ 91
5	Improved permanent pasture	–	–	–	–	–
	Total	439,197	13.7+	273,904	8.6*	+ 165,293

+ Based on the State total of 3,203,258 acres

* Based on the State total of 3,199,062 acres

Table TU 4
Summary of non-agricultural land use in the district of Besut (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres	
		Total acres	% of district	Total acres	% of district		
1U	Urban and associated areas	1,034	0.2	451	0.1	+	583
1E	Estate buildings and associated areas	61	—	13	—	+	48
1T	Tin mining areas	—	—	—	—		—
1X	Other mining and quarrying areas	34	—	33	—	+	1
1P	Power line right of way	17	—	—	—	+	17
6	Grasslands	17,387	3.5	26,889	5.5	—	9,502
7F	Forest	264,472	53.7	293,597	59.7	—	29,125
7S	Scrub forest	37,197	7.5	33,262	6.8	+	3,935
7C	Newly cleared land	6,788	1.4	4,857	1.0	+	1,931
8	Swamps	62,436	12.7	50,421	10.3	+	12,015
9	Unused land	1,567	0.3	1,835	0.4	—	268
UN	Unclassified	5,477	1.1	4,690	0.9	+	787
	Total	396,470	80.5+	416,048	84.7*	—	19,578

+ Based on the district total of 492,422 acres

* Based on the district total of 491,359 acres

Table TU 4.1
Summary of non-agricultural land use in the mukims of the district of Besut (Terengganu)

Code	Land Use Category	BUKIT KENAK		BUKIT PETRI		CHALOK	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	124	21	–	–	196	17
1E	Estate buildings and associated areas	–	–	–	–	46	2
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	23	16	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	13	14	73	151	1,235	4,786
7F	Forest	15	32	73	183	5,401	12,102
7S	Scrub forest	46	21	824	537	8,859	8,925
7C	Newly cleared land	2	7	–	3	853	429
8	Swamps	99	53	273	842	21,727	16,062
9	Unused land	–	–	204	271	236	230
UN	Unclassified	37	76	185	183	848	571
	Total	359	240	1,632	2,170	39,401	43,124

Code	Land Use Category	GUNTONG		JABI		KAMPONG RAJA		KELUANG		KERANDANG		KUALA BESUT	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	28	8	105	5	195	132	2	30	10	–	34	120
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	8	–
6	Grasslands	567	2,480	325	1,365	876	998	1,860	1,376	541	162	657	1,140
7F	Forest	22,287	24,672	15,845	18,568	–	144	95	131	28	774	–	–
7S	Scrub forest	2,943	1,661	2,347	1,565	385	924	79	619	778	877	–	–
7C	Newly cleared land	74	1,362	1,151	202	105	–	2	–	332	637	6	8
8	Swamps	9,094	5,881	3,851	3,951	1,506	1,534	907	1,041	1,941	2,409	518	839
9	Unused land	–	–	–	–	66	95	94	87	–	–	95	66
UN	Unclassified	116	85	64	42	195	131	76	64	19	57	65	174
	Total	35,109	36,149	23,688	25,698	3,328	3,958	3,115	3,348	3,649	4,916	1,383	2,347

Table TU 4.1 cont'd

Code	Land Use Category	KUBANG BEMBAN		LUBOK KAWAH		PANTAI		PASIR AKAR		PELAGAT		PENGKALAN NANKA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	9	100	27	20	–	112	9	18	8	38	–
1E	Estate buildings and associated areas	–	–	–	6	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	12	3	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	9	–
6	Grasslands	21	58	367	327	2,658	4,677	704	1,730	147	642	454	537
7F	Forest	–	2	2,357	2,983	41	935	9,308	10,547	15,458	15,970	6	11
7S	Scrub forest	3	81	976	634	5,814	4,704	1,852	829	877	833	660	752
7C	Newly cleared land	3	–	5	–	–	–	56	54	29	5	2	7
8	Swamps	49	414	144	404	8,605	7,125	751	484	132	41	67	168
9	Unused land	–	–	–	–	279	272	12	71	8	10	55	49
UN	Unclassified	16	–	117	183	1,881	1,887	310	277	192	66	107	92
	Total	92	564	4,066	4,564	19,298	19,600	13,105	14,001	16,861	17,587	1,401	1,616

Table TU 4.1 cont'd

Code	Land Use Category	PULAU PERHENTIAN		TASEK		TEMBILA		TENANG		ULU BESUT		ULU SETIU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	17	4	10	–	12	36	–	–	13	25
1E	Estate buildings and associated areas	–	–	–	5	–	–	–	–	15	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	5	8	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	–	131	281	757	4,288	2,824	648	1,061	1,518	1,107	154	566
7F	Forest	3,422	2,242	1,699	5,468	56	1,253	35,565	37,230	99,190	105,358	53,626	54,992
7S	Scrub forest	129	1,132	2,050	1,781	390	1,756	2,749	1,567	3,743	2,536	1,693	1,528
7C	Newly cleared land	–	–	251	674	15	–	52	55	3,303	701	547	713
8	Swamps	–	–	7,715	4,724	3,886	3,891	36	8	72	–	1,063	550
9	Unused land	358	433	2	–	140	116	6	56	12	79	–	–
UN	Unclassified	–	–	94	91	323	250	286	90	390	294	156	77
	Total	3,909	3,938	12,109	13,509	9,116	10,090	39,354	40,103	108,243	110,075	57,252	58,451

Table TU 5
Summary of agricultural land use in the district of Besut (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	19,755	4.0	13,041	2.6	+ 6,714
2M	Market gardening	5	–	29	–	– 24
2E	Agricultural stations	–	–	–	–	–
3Gy	Young rubber	7,855	1.6	–	–	–
3Gm	Mature rubber	25,256	5.1	–	–	–
3Gs	Senile rubber	6,690	1.4	–	–	–
	Sub-total	39,801	8.1	31,467	6.4	+ 8,334
30y	Young oil palm	4	–	–	–	–
30m	Mature oil palm	6	–	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	10	–	3	–	+ 7
3Cy	Young coconut	766	0.1	–	–	–
3Cm	Mature coconut	3,123	0.6	–	–	–
3Cs	Senile coconut	104	–	–	–	–
	Sub-total	3,993	0.8	4,347	0.9	– 354
3N	Pineapple	5	–	–	–	+ 5
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	–	–	–	–	–
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	537	0.1	423	0.1	+ 114
3F	Fibre crops	–	–	–	–	–
3S	Sago	9	–	33	–	– 24
3B	Banana	–	–	–	–	–
3H	Fish ponds	2	–	–	–	+ 2
3R	Arecanut	–	–	–	–	–
4P	Padi	31,140	6.3	25,754	5.2	+ 5,386
4C	Diversified crops	685	0.1	214	–	+ 471
4X	Shifting cultivation	10	–	–	–	+ 10
5	Improved permanent pasture	–	–	–	–	–
	Total	95,952	19.5+	75,311	15.3*	+ 20,641

+ Based on the district total of 492,422 acres

* Based on the district total of 491,359 acres

Table TU 5.1
Summary of agricultural land use in the mukims of the district of Besut (Terengganu)

Code	Land Use Category	BUKIT KENAK		BUKIT PETRI	
		1974	1966	1974	1966
2H	Mixed horticulture	1,179	1,252	1,473	1,569
2M	Market gardening	–	–	–	5
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	65	–	65	–
3Gm	Mature rubber	614	–	1,362	–
3Gs	Senile rubber	43	–	103	–
	Sub-total	722	692	1,530	1,416
30y	Young oil palm	–	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	–	–	–	–
3Cy	Young coconut	–	–	2	–
3Cm	Mature coconut	4	–	190	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	4	5	192	199
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	29	81	125	81
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	–	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	2,296	2,326	2,625	2,203
4C	Diversified crops	7	–	107	41
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	4,237	4,356	6,052	5,514

Code	Land Use Category	CHALOK		GUNTONG		JABI	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,433	751	1,249	499	1,835	1,520
2M	Market gardening	–	16	–	–	3	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	3,178	–	152	–	734	–
3Gm	Mature rubber	5,250	–	1,325	–	4,101	–
3Gs	Senile rubber	211	–	80	–	1,078	–
	Sub-total	8,639	4,985	1,557	1,713	5,913	5,774
30y	Young oil palm	–	–	–	–	4	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	4	–
3Cy	Young coconut	13	–	–	–	31	–
3Cm	Mature coconut	298	–	69	–	211	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	311	644	69	64	242	64
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	60	9	13	3	17	22
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	13
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	609	936	1,957	1,566	3,837	2,586
4C	Diversified crops	83	15	64	20	172	10
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	11,135	7,356	4,909	3,865	12,023	9,989

Code	Land Use Category	KAMPONG RAJA		KELUANG		KERANDANG		KUALA BESUT	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,097	613	337	65	1,227	1,078	812	312
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	51	–	10	–	196	–	–	–
3Gm	Mature rubber	248	–	–	–	600	–	–	–
3Gs	Senile rubber	88	–	–	–	339	–	–	–
	Sub-total	387	432	10	2	1,135	1,514	–	–
30y	Young oil palm	–	–	–	–	6	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	6	–	–	–
3Cy	Young coconut	7	–	26	–	4	–	55	–
3Cm	Mature coconut	92	–	278	–	287	–	743	–
3Cs	Senile coconut	3	–	–	–	–	–	–	–
	Sub-total	102	279	304	418	291	107	798	561
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	4	–	–	7	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	1	20	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	2	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,132	774	361	304	4,701	3,469	242	15
4C	Diversified crops	36	22	–	–	85	–	–	–
4X	Shifting cultivation	–	–	10	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,754	2,124	1,022	789	7,455	6,188	1,852	888

Table TU 5.1 cont'd

Code	Land Use Category	KUBANG BEMBAN		LUBOK KAWAH		PANTAI		PASIR AKAR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	706	624	1,276	1,125	686	110	1,116	734
2M	Market gardening	–	8	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	48	–	115	–	–	–	225	–
3Gm	Mature rubber	376	–	892	–	–	–	1,376	–
3Gs	Senile rubber	35	–	711	–	–	–	455	–
	Sub-total	459	398	1,718	1,404	–	–	2,056	1,998
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	3	–	–	–	529	–	2	–
3Cm	Mature coconut	3	–	10	–	153	–	12	–
3Cs	Senile coconut	–	–	–	–	29	–	–	–
	Sub-total	6	45	10	23	711	689	14	3
3N	Pineapple	–	–	3	–	–	–	2	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	8	38	55	97	–	–	151	26
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,784	1,444	2,802	2,659	–	296	2,008	1,684
4C	Diversified crops	76	10	7	63	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,039	2,567	5,871	5,371	1,397	1,095	5,347	4,445

Code	Land Use Category	PELAGAT		PENGKALAN NANGKA		PULAU PERHENTIAN		TASEK	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	927	748	702	469	13	8	846	360
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	259	–	16	–	12	–	1,377	–
3Gm	Mature rubber	2,118	–	273	–	–	–	1,261	–
3Gs	Senile rubber	873	–	14	–	66	–	–	–
	Sub-total	3,250	2,601	303	336	78	78	2,638	1,193
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	3
3Cy	Young coconut	11	–	1	–	–	–	–	–
3Cm	Mature coconut	7	–	63	–	155	–	39	–
3Cs	Senile coconut	–	–	–	–	72	–	–	–
	Sub-total	18	124	64	133	227	203	39	30
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	18	34	35	7	–	–	–	4
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	8	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3A	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	673	613	1,587	1,548	–	–	1,671	1,312
4C	Diversified crops	12	33	17	–	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	4,906	4,153	2,708	2,493	318	289	5,194	2,902

Table TU 5.1 cont'd

Code	Land Use Category	TEMBILA		TENANG		ULU BESUT		ULU SETIU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	871	260	733	333	663	433	574	178
2M	Market gardening	–	–	–	–	2	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	45	–	312	–	770	–	225	–
3Gm	Mature rubber	54	–	2,136	–	1,734	–	1,536	–
3Gs	Senile rubber	–	–	673	–	1,667	–	254	–
	Sub-total	99	114	3,121	2,805	4,171	2,598	2,015	1,414
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	56	–	–	–	15	–	11	–
3Cm	Mature coconut	502	–	3	–	4	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	558	756	3	–	19	–	11	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	–	–	6	16	8	3	3
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	2,123	1,554	36	–	–	–	696	465
4C	Diversified crops	7	–	–	–	–	–	12	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	3,658	2,684	3,893	3,144	4,871	3,039	3,311	2,060

Table TU 6
Summary of non-agricultural land use in the district of Dungun (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,624	0.2	1,337	0.2	+ 287
1E	Estate buildings and associated areas	53	–	3	–	+ 50
1T	Tin mining areas	–	–	61	–	– 61
1X	Other mining and quarrying areas	2,391	0.3	2,462	0.4	– 71
1P	Power line right of way	–	–	–	–	–
6	Grasslands	12,366	1.8	13,289	2.0	– 923
7F	Forest	515,297	76.1	541,510	81.2	– 26,213
7S	Scrub forest	21,376	3.1	26,701	4.0	– 5,325
7C	Newly cleared land	14,707	2.1	3,232	0.5	+ 11,475
8	Swamps	54,016	8.0	50,635	7.6	+ 3,381
9	Unused land	943	0.1	1,609	0.2	– 666
UN	Unclassified	6,194	0.9	4,886	0.7	+ 1,308
	Total	628,967	94.3[+]	645,725	96.8*	– 16,758

+ Based on the district total of 667,203 acres

* Based on the district total of 667,194 acres

Table TU 6.1
Summary of non-agricultural land use in the mukims of the district of Dungun (Terengganu)

Code	Land Use Category	ABANG		BESUL		JENGAI		JERANGAU		KUALA DUNGUN	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	13	–	12	–	431	317	989	917
1E	Estate buildings and associated areas	–	–	19	–	–	–	17	–	–	–
1T	Tin mining areas	–	–	–	791	6	61	–	1,662	–	–
1X	Other mining and quarrying areas	–	–	337	–	–	9	2,000	–	7	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,492	1,393	1,241	664	848	1,548	2,845	2,998	711	1,166
7F	Forest	1,205	1,433	16,232	28,713	184,366	184,002	58,036	70,265	2,236	3,489
7S	Scrub forest	233	546	2,741	2,092	3,292	3,779	7,040	6,158	1,668	1,692
7C	Newly cleared land	55	15	7,989	15	236	149	2,353	2,394	450	63
8	Swamps	4,703	4,289	1,758	1,834	108	3	12,589	9,433	4,344	4,417
9	Unused land	94	179	–	–	86	192	57	72	280	327
UN	Unclassified	6	15	508	128	1,444	1,334	733	665	739	774
	Total	7,788	7,870	30,838	34,237	190,398	191,077	86,101	93,964	11,424	12,845

Table TU 6.1 cont'd

Code	Land Use Category	KUALA PAKA		KUMPAL		PASIR RAJA		RASAU		SURA		ULU PAKA	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	109	35	–	–	–	–	15	55	55	68		
1E	Estate buildings and associated areas	–	–	14	–	–	–	–	–	–	–	3	3
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	5	–	–	–	–	–	–	–	36	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	2,225	2,293	891	1,242	458	788	801	483	807	670	47	44
7F	Forest	9,593	10,458	10,123	11,081	114,210	113,843	43,336	41,054	2,303	2,437	73,657	74,735
7S	Scrub forest	1,111	2,758	2,704	3,087	958	1,557	968	3,819	558	859	103	354
7C	Newly cleared land	500	60	438	212	429	203	12	121	358	–	1,887	–
8	Swamps	15,369	14,593	7,604	7,316	9	47	1,010	723	1,585	2,384	4,937	5,596
9	Unused land	130	161	162	531	62	58	–	–	72	89	–	–
UN	Unclassified	759	675	561	221	711	548	327	208	26	36	380	282
	Total	29,801	31,033	22,497	23,690	116,837	117,044	46,469	46,408	5,800	6,543	81,014	81,014

Table TU 7
Summary of agricultural land use in the district of Dungun (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	4,352	0.6	3,624	0.5	+ 728
2M	Market gardening	57	—	—	—	+ 57
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	7,869	1.2	—	—	—
3Gm	Mature rubber	10,357	1.5	—	—	—
3Gs	Senile rubber	3,257	0.5	—	—	—
	Sub-total	21,483	3.2	13,537	2.0	+ 7,946
30y	Young oil palm	25	—	—	—	—
30m	Mature oil palm	4,516	0.7	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	4,541	0.7	1,747	0.3	+ 2,794
3Cy	Young coconut	544	0.1	—	—	—
3Cm	Mature coconut	1,554	0.2	—	—	—
3Cs	Senile coconut	87	—	—	—	—
	Sub-total	2,185	0.3	1,667	0.3	+ 518
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	76	—	40	—	+ 36
3F	Fibre crops	—	—	—	—	—
3S	Sago	8	—	—	—	+ 8
3B	Banana	—	—	11	—	— 11
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	3,412	0.5	833	0.1	+ 2,579
4C	Diversified crops	2,031	0.3	10	—	+ 2,021
4X	Shifting cultivation	91	—	—	—	+ 91
5	Improved permanent pasture	—	—	—	—	—
	Total	38,236	5.7+	21,469	3.2*	+ 16,767

+ Based on the district total of 667,203 acres

* Based on the district total of 667,194 acres

Table TU 7.1
Summary of agricultural land use in the mukims of the district of Dungun (Terengganu)

Code	Land Use Category	ABANG		BESUL		JENGAI	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	162	67	183	118	230	164
2M	Market gardening	57	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	–	–	3,273	–	35	–
3Gm	Mature rubber	155	–	–	–	1,219	–
3Gs	Senile rubber	–	–	–	–	47	–
	Sub-total	155	320	3,273	29	1,301	896
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–
3Cm	Mature coconut	95	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	95	64	–	–	–	–
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	–	–	–	–	2	18
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	64	–	3	–	22	–
4C	Diversified crops	–	–	87	–	111	–
4X	Shifting cultivation	–	–	–	–	91	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	533	451	3,546	147	1,757	1,078

Code	Land Use Category	JERANGAU		KUALA DUNGUN		KUALA PAKA		KUMPAL	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	752	535	1,121	930	311	543	332	359
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	3,458	–	218	–	471	–	95	–
3Gm	Mature rubber	2,386	–	1,282	–	1,066	–	2,698	–
3Gs	Senile rubber	224	–	264	–	1,422	–	44	–
	Sub-total	6,068	2,850	1,764	1,507	2,959	2,359	2,837	2,030
30y	Young oil palm	25	–	–	–	–	–	–	–
30m	Mature oil palm	4,516	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	4,541	1,747	–	–	–	–	–	–
3Cy	Young coconut	1	–	2	–	462	–	–	–
3Cm	Mature coconut	–	–	359	–	286	–	19	–
3Cs	Senile coconut	–	–	10	–	30	–	–	–
	Sub-total	1	–	371	412	778	482	19	28
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	46	–	–	5	4	–	11	4
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	2	–	6	6	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	231	–	1,079	191	603	86	319	69
4C	Diversified crops	1,364	10	131	–	47	–	165	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	13,005	5,142	4,472	3,051	4,702	3,470	3,683	2,490

Table TU 7.1 cont'd

Code	Land Use Category	PASIR RAJA		RASAU		SURA		ULU PAKA*	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	608	225	116	89	537	594	There is no agricultural land use in this mukim*	
2M	Market gardening	–	–	–	–	–	–		
2E	Agricultural stations	–	–	–	–	–	–		
3Gy	Young rubber	53	–	229	–	37	–	–	–
3Gm	Mature rubber	844	–	438	–	269	–	–	–
3Gs	Senile rubber	162	–	1,068	–	26	–	–	–
	Sub-total	1,059	1,395	1,735	1,872	332	279	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	79	–	–	–
3Cm	Mature coconut	6	–	–	–	789	–	–	–
3Cs	Senile coconut	–	–	–	–	47	–	–	–
	Sub-total	6	13	–	–	915	668	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	–	7	–	–	13	6	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	5	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	497	367	50	–	544	120	–	–
4C	Diversified crops	44	–	4	–	69	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	2,214	2,007	1,905	1,966	2,410	1,667	–	–

Table TU 8
Summary of non-agricultural land use in the district of Kemaman (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	1,182	0.1	655	0.1	+ 527
1E	Estate buildings and associated areas	360	–	130	–	+ 230
1T	Tin mining areas	97	–	16	–	+ 81
1X	Other mining and quarrying areas	2,533	0.4	418	–	+ 2,115
1P	Power line right of way	–	–	–	–	–
6	Grasslands	11,537	1.8	12,283	2.0	– 746
7F	Forest	419,172	67.1	460,497	74.0	– 41,325
7S	Scrub forest	28,455	4.5	27,161	4.0	+ 1,286
7C	Newly cleared land	4,461	0.7	2,414	–	+ 2,047
8	Swamps	62,978	10.0	68,599	11.0	– 5,621
9	Unused land	870	0.1	1,095	0.2	– 225
UN	Unclassified	5,582	0.9	4,711	0.8	+ 871
	Total	537,227	86.0+	577,987	92.6*	– 40,760

+ Based on the district total of 624,570 acres

* Based on the district total of 623,901 acres

Table TU 8.1
Summary of non-agricultural land use in the mukims of the district of Kemaman (Terengganu)

Code	Land Use Category	BANGGOL		BINJAL		BUNDI		CHUKAI		KEMASEK		KERTEH	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	–	–	24	8	–	–	674	353	69	82	87	86
1E	Estate buildings and associated areas	–	–	–	–	22	–	–	5	–	–	67	74
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	1,685	233	–	–	5	–	31	20
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	990	588	113	404	2,324	3,017	609	289	602	943	2,480	2,297
7F	Forest	4,914	6,795	134	271	177,230	186,759	87	256	4,592	3,902	34,093	31,877
7S	Scrub forest	3,532	716	346	212	2,196	2,460	568	686	2,229	2,994	3,366	6,975
7C	Newly cleared land	107	–	222	–	68	–	88	–	263	23	820	173
8	Swamps	6,780	7,376	5,390	5,637	5,767	4,062	2,611	3,262	1,433	3,096	11,266	12,215
9	Unused land	–	–	–	–	–	10	81	193	62	69	220	271
UN	Unclassified	398	371	79	100	1,310	1,507	825	504	66	38	729	539
	Total	16,721	15,846	6,308	6,632	190,602	198,048	5,543	5,548	9,321	11,147	53,159	54,527

Table TU 8.1 cont'd

Code	Land Use Category	KIJAL		PASIR SAMUT		TEBAK		TELOK KALONG		ULU CHUKAI		ULU JABOR	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	30	39	61	–	204	62	9	11	21	14	3	–
1E	Estate buildings and associated areas	–	–	–	8	196	4	–	–	–	3	75	36
1T	Tin mining areas	–	–	–	–	97	16	–	–	–	–	–	–
1X	Other mining and quarrying areas	4	–	–	–	808	165	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,161	627	210	300	795	1,551	745	456	555	1,022	953	789
7F	Forest	3,222	4,884	5,648	5,592	136,044	157,696	434	1,445	37,451	36,297	15,323	24,723
7S	Scrub forest	4,310	3,084	1,190	337	3,978	3,880	2,795	1,432	3,675	3,317	270	1,076
7C	Newly cleared land	141	20	121	–	360	1,216	37	53	241	245	1,993	684
8	Swamps	3,177	3,583	3,223	4,672	1,142	1,747	3,855	5,152	16,478	17,177	1,856	620
9	Unused land	324	296	–	–	–	15	183	241	–	–	–	–
UN	Unclassified	49	58	239	212	1,311	949	291	160	285	273	–	–
	Total	12,418	12,591	10,692	11,121	144,935	167,301	8,349	8,950	58,706	58,348	20,473	27,928

Table TU 9
Summary of agricultural land use in the district of Kemaman (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	5,661	0.9	2,655	0.4	+ 3,006
2M	Market gardening	20	—	12	—	+ 8
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	5,168	0.9	—	—	—
3Gm	Mature rubber	18,990	3.0	—	—	—
3Gs	Senile rubber	12,379	2.0	—	—	—
	Sub-total	36,537	5.8	38,925	6.2	— 2,388
30y	Young oil palm	15,589	2.5	—	—	—
30m	Mature oil palm	21,683	3.4	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	37,272	6.0	—	—	+ 37,272
3Cy	Young coconut	434	0.1	—	—	—
3Cm	Mature coconut	3,142	0.5	—	—	—
3Cs	Senile coconut	701	0.1	—	—	—
	Sub-total	4,277	0.7	3,258	0.5	+ 1,019
3N	Pineapple	—	—	—	—	—
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	135	—	66	—	+ 69
3F	Fibre crops	—	—	—	—	—
3S	Sago	5	—	—	—	+ 5
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	2,897	0.4	965	0.2	+ 1,932
4C	Diversified crops	539	0.1	27	—	+ 512
4X	Shifting cultivation	—	—	6	—	— 6
5	Improved permanent pasture	—	—	—	—	—
	Total	87,343	14.0+	45,914	7.4*	+ 41,429

+ Based on the district total of 624,570 acres

* Based on the district total of 623,901 acres

Table TU 9.1
Summary of agricultural land use in the mukims of the district of Kemaman (Terengganu)

Code	Land Use Category	BANGGOL		BINJAI		BUNDI		CHUKAI (TOWN)	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	142	105	615	556	135	–	914	719
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	214	–	101	–	–	–	17	–
3Gm	Mature rubber	717	–	482	–	83	–	90	–
3Gs	Senile rubber	653	–	33	–	182	–	139	–
	Sub-total	1,584	2,500	616	861	265	617	246	313
30y	Young oil palm	–	–	–	–	2,103	–	–	–
30m	Mature oil palm	–	–	–	–	5,520	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	7,623	–	–	–
3Cy	Young coconut	26	–	3	–	–	–	119	–
3Cm	Mature coconut	25	–	300	–	–	–	484	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	51	52	303	3	–	–	603	582
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	6	6	3	2	–	3	27
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	5	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	11	–	177	32	–	–	178	278
4C	Diversified crops	–	–	62	–	–	–	–	27
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,788	2,663	1,779	1,455	8,063	617	1,951	1,946

Table TU 9.1 cont'd

Code	Land Use Category	KEMASEK		KERTEH		KIJAL		PASIR SAMUT	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	134	100	424	192	579	237	186	71
2M	Market gardening	–	–	–	3	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	1,216	–	463	–	413	–	505	–
3Gm	Mature rubber	2,349	–	2,860	–	830	–	1,931	–
3Gs	Senile rubber	2,019	–	2,999	–	478	–	1,606	–
	Sub-total	5,584	4,362	6,322	6,844	1,721	2,157	4,042	4,435
30y	Young oil palm	–	–	305	–	–	–	–	–
30m	Mature oil palm	10	–	1,122	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	10	–	1,427	–	–	–	–	–
3Cy	Young coconut	47	–	92	–	106	–	3	–
3Cm	Mature coconut	249	–	1,272	–	586	–	26	–
3Cs	Senile coconut	2	–	666	–	33	–	–	–
	Sub-total	298	134	2,030	1,791	725	601	29	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	9	–	3	–	–	–	22	8
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	246	–	–	–	286	232	879	228
4C	Diversified crops	41	–	10	–	110	–	13	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,322	4,596	10,216	8,830	3,421	3,227	5,171	4,742

Table TU 9.1 cont'd

Code	Land Use Category	TEBAK		TELOK KALONG		ULU CHUKAI		ULU JABOR	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,520	360	423	259	438	56	51	–
2M	Market gardening	–	–	20	9	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	156	–	66	–	1,661	–	356	–
3Gm	Mature rubber	5,091	–	196	–	1,142	–	3,219	–
3Gs	Senile rubber	382	–	432	–	1,038	–	2,418	–
	Sub-total	5,629	5,286	694	536	3,841	4,370	5,993	6,644
30y	Young oil palm	5,820	–	–	–	–	–	7,361	–
30m	Mature oil palm	14,272	–	–	–	131	–	628	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	20,092	–	–	–	131	–	7,989	–
3Cy	Young coconut	–	–	33	–	5	–	–	–
3Cm	Mature coconut	–	–	80	–	20	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	–	213	95	25	–	–	–
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchards	11	–	–	–	41	22	38	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	752	195	150	–	180	–	–	–
4C	Diversified crops	209	–	–	–	64	–	28	–
4X	Shifting cultivation	–	6	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	28,213	5,847	1,500	899	4,720	4,448	14,099	6,644

Table TU 10
Summary of non-agricultural land use in the district of Kuala Terengganu (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	3,119	0.9	2,200	0.7	+ 919
1E	Estate buildings and associated areas	123	—	—	—	+ 123
1T	Tin mining areas	—	—	—	—	—
1X	Other mining and quarrying areas	219	0.1	70	—	+ 149
1P	Power line right of way	—	—	—	—	—
6	Grasslands	13,097	4.0	15,220	4.6	— 2,123
7F	Forest	101,114	30.6	136,277	41.5	— 35,163
7S	Scrub forest	37,926	11.5	39,036	11.9	— 1,110
7C	Newly cleared land	4,233	1.3	5,737	1.8	— 1,504
8	Swamps	38,981	11.8	44,336	13.5	— 5,355
9	Unused land	1,291	0.4	1,760	0.5	— 469
UN	Unclassified	4,733	1.4	3,923	1.2	+ 810
	Total	204,836	62.1+	248,559	75.7*	— 43,723

+ Based on the district total of 329,653 acres

* Based on the district total of 328,083 acres

Table TU 10.1
Summary of non-agricultural land use in the mukims of the district of Kuala Terengganu Terengganu

Code	Land Use Category	ALOR LIMBAT		ATAS TOL		BATU BUROK	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	51	4	–	8	549	363
1E	Estate buildings and associated areas	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	294	244	–	28	160	233
7F	Forest	268	1,156	–	–	–	10
7S	Scrub forest	915	1,359	–	–	12	–
7C	Newly cleared land	118	–	6	–	3	–
8	Swamps	2,007	2,979	29	146	103	139
9	Unused land	–	3	–	–	59	73
UN	Unclassified	44	80	13	–	–	–
	Total	3,697	5,825	48	182	886	818

Table TU 10.1 cont'd

Code	Land Use Category	BATU RAKIT		BELARA		BUKIT BESAR		BUKIT PAYONG		CHABANG TIGA		CHENERING	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	32	30	11	–	374	411	131	11	208	216	15	151
1E	Estate buildings and associated areas	–	–	119	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	25	9	5	–	22	–	46	21	52	31	1	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	2,895	2,673	3,437	3,275	130	10	424	229	5	19	29	63
7F	Forest	5,274	8,043	16,641	31,676	–	88	2,362	3,160	–	3	74	230
7S	Scrub forest	4,463	3,451	7,436	6,197	84	138	2,071	2,196	42	105	238	378
7C	Newly cleared land	180	185	525	3,683	11	29	464	5	13	–	14	–
8	Swamps	6,343	6,770	10,419	11,985	250	639	1,711	3,832	–	217	468	566
9	Unused land	212	164	33	70	–	–	–	4	–	–	36	102
UN	Unclassified	36	8	615	503	45	41	81	100	–	–	86	76
	Total	19,460	21,333	39,241	57,389	916	1,356	7,290	9,558	320	591	961	1,566

Table TU 10.1 cont'd

Code	Land Use Category	GELUGOR KEDAI		GELUGOR RAJA		KEPONG		KUALA IBAI		KUALA NERUS		KUALA TERENGGANU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	2	3	–	–	15	14	14	77	853	140	570	521
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	68	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	–	24	–	–	–	38	4	4	1,937	1,681	9	17
7F	Forest	–	–	–	–	–	–	–	–	272	1,496	–	4
7S	Scrub forest	–	–	–	–	–	–	–	27	4,466	5,852	–	17
7C	Newly cleared land	–	–	–	–	–	–	–	–	289	362	–	–
8	Swamps	47	154	–	193	–	48	289	373	4,730	7,210	1	12
9	Unused land	–	–	–	–	7	27	112	107	155	194	35	8
UN	Unclassified	34	19	–	–	62	52	86	134	173	164	–	–
	Total	83	200	–	193	84	179	505	122	12,943	17,099	615	579

Table TU 10.1 cont'd

Code	Land Use Category	KUBANG PARIT		LOSONG		MANIR		MERANG		PALOH		PENGADANG BULOH	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	79	15	61	143	35	20	–	–	64	20	–	8
1E	Estate buildings and associated areas	–	–	–	–	–	–	–	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	5	–	–	–	–	–	4	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	–	7	2	8	55	18	1,218	1,772	17	2	23	79
7F	Forest	–	–	–	–	–	3	1,035	6,137	–	7	122	92
7S	Scrub forest	–	–	–	–	12	32	2,171	2,533	5	10	253	410
7C	Newly cleared land	2	–	–	–	2	–	–	–	–	–	11	–
8	Swamps	–	91	–	58	45	615	11,246	5,783	–	18	343	938
9	Unused land	–	–	–	–	14	24	86	84	–	46	–	–
UN	Unclassified	–	–	18	8	566	494	91	93	171	136	55	58
	Total	81	118	81	217	729	1,206	15,847	16,406	257	239	807	1,585

Table TU 10.1 cont'd

Code	Land Use Category	PULAU-PULAU		PULAU REDANG		RENGAS		SERANDA		TOK JAMAL		ULU NERUS	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	40	19	–	–	5	–	5	8	–	18	5	–
1E	Estate buildings and associated areas	–	–	–	–	–	–	2	–	–	–	2	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	19	73	–	392	–	–	113	108	–	5	2,326	4,198
7F	Forest	151	272	5,202	1,696	–	–	–	–	–	–	69,713	82,204
7S	Scrub forest	72	518	365	3,313	–	–	285	406	–	–	15,036	12,076
7C	Newly cleared land	–	–	–	–	–	–	18	–	1	–	2,576	1,473
8	Swamps	8	57	135	131	18	12	167	476	–	88	622	806
9	Unused land	163	298	310	470	–	–	69	54	–	–	–	32
UN	Unclassified	1,216	1,166	–	5	41	37	424	355	–	–	876	394
	Total	1,669	2,403	6,012	6,007	64	49	1,083	1,407	1	111	91,156	101,183

Table TU 11
Summary of agricultural land use in the district of Kuala Terengganu (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	20,029	6.1	15,264	4.6	+ 4,765
2M	Market gardening	3	—	8	—	— 5
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	13,772	4.2	—	—	—
3Gm	Mature rubber	28,497	8.6	—	—	—
3Gs	Senile rubber	3,913	1.2	—	—	—
	Sub-total	46,182	14.0	34,101	10.4	+ 12,081
30y	Young oil palm	5,270	1.6	—	—	—
30m	Mature oil palm	9,632	2.9	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	14,902	4.5	—	—	+ 14,902
3Cy	Young coconut	1,467	0.4	—	—	—
3Cm	Mature coconut	5,499	1.7	—	—	—
3Cs	Senile coconut	—	—	—	—	—
	Sub-total	6,966	2.1	4,864	1.5	+ 2,102
3N	Pineapple	251	0.1	—	—	+ 251
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	2,011	0.6	681	0.2	+ 1,330
3F	Fibre crops	—	—	—	—	—
3S	Sago	259	0.1	183	0.1	+ 76
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	30,656	9.3	24,156	7.4	+ 6,500
4C	Diversified crops	3,558	1.1	298	0.1	+ 3,260
4X	Shifting cultivation	—	—	7	—	— 7
5	Improved permanent pasture	—	—	—	—	—
	Total	124,817	37.9+	79,562	24.3*	+ 45,255

+ Based on the district total of 329,653 acres

* Based on the district total of 328,083 acres

Table TU 11.1
Summary of agricultural land use in the mukims of the district of Kuala Terengganu (Terengganu)

Code	Land Use Category	ALOR LIMBAT		ATAS TOL		BATU BUROK	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,767	1,623	236	148	215	167
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–
3Gy	Young rubber	1,172	–	–	–	–	–
3Gm	Mature rubber	2,447	–	9	–	–	–
3Gs	Senile rubber	1,257	–	–	–	–	–
	Sub-total	4,876	4,046	9	14	–	–
30y	Young oil palm	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–
3Cy	Young coconut	53	–	–	–	–	–
3Cm	Mature coconut	70	–	–	–	146	–
3Cs	Senile coconut	–	–	–	–	–	–
	Sub-total	123	51	–	63	146	128
3N	Pineapple	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–		–	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchard	95	92	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	118	35	–	–	–	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	2,483	2,294	234	120	500	491
4C	Diversified crops	897	21	–	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	10,359	8,162	479	345	861	786

Table TU 11.1 cont'd

Code	Land Use Category	BATU RAKIT		BELARA		BUKIT BESAR		BUKIT PAYONG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	1,267	919	2,557	1,905	305	239	2,237	1,942
2M	Market gardening	–	–	–	–	–	–	3	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	579	–	6,776	–	7	–	1,410	–
3Gm	Mature rubber	1,048	–	6,747	–	34	–	3,200	–
3Gs	Senile rubber	121	–	323	–	–	–	1,550	–
	Sub-total	1,748	1,849	13,846	7,417	41	45	6,160	6,068
30y	Young oil palm	7	–	1,208	–	–	–	–	–
30m	Mature oil palm	–	–	9,568	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	7	–	10,776	–	–	–	–	–
3Cy	Young coconut	401	–	24	–	–	–	42	–
3Cm	Mature coconut	1,803	–	108	–	42	–	530	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	2,204	1,535	132	43	42	76	572	133
3N	Pineapple	28	–	8	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	536	7	201	2	–	–	121	64
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	2	21	55	61	–	–	15	9
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	4,007	2,799	2,897	3,172	871	465	4,881	3,685
4C	Diversified crops	302	150	364	24	6	–	307	65
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	10,101	7,280	30,836	12,630	1,265	825	14,296	11,966

Code	Land Use Category	CHABANG TIGA		CHENERING		GELUGOR KEDAI		GELUGOR RAJA	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	321	216	178	88	330	324	104	73
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	109	–	7	–	–	–
3Gm	Mature rubber	–	–	251	–	36	–	–	–
3Gs	Senile rubber	–	–	4	–	–	–	–	–
	Sub-total	–	–	364	236	43	23	–	3
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	3	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	3	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	–	–
3Cm	Mature coconut	–	–	318	–	–	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	12	318	168	–	91	–	28
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	–	–	–	6	17	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	1	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	457	279	427	191	608	432	448	255
4C	Diversified crops	–	–	–	–	14	–	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	778	507	1,288	683	1,004	887	552	359

Code	Land Use Category	KEPONG		KUALA IBAI		KUALA NERUS		KUALA TERENGGANU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	450	406	190	189	3,748	1,944	–	–
2M	Market gardening	–	–	–	–	–	3	–	5
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	1,046	–	–	–
3Gm	Mature rubber	131	–	5	–	2,886	–	–	–
3Gs	Senile rubber	–	–	–	–	53	–	–	–
	Sub-total	131	147	5	5	3,985	3,494	–	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	6	–	–	–	808	–	–	–
3Cm	Mature coconut	48	–	120	–	1,077	–	–	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	54	58	120	38	1,885	1,045	–	26
3N	Pineapple	–	–	–	–	13	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	30	42	–	–	427	138	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	42	13	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	305	253	528	394	3,561	2,377	–	5
4C	Diversified crops	31	–	–	–	226	28	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	1,001	906	843	626	13,887	9,042	–	36

Code	Land Use Category	KUBANG PARIT		LOSONG		MANIR		MERANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	225	218	406	237	1,584	1,555	271	–
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	–	–	104	–	26	–
3Gm	Mature rubber	–	–	–	–	758	–	–	–
3Gs	Senile rubber	–	–	–	–	35	–	–	–
	Sub-total	–	26	–	8	897	903	26	–
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	11	–	26	–
3Cm	Mature coconut	6	–	29	–	245	–	174	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	6	11	29	68	256	139	200	245
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	15	–	17	2	89	313	72
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	–	–	21	8	–	–
3B	Banana	–	–	–	–	–	–	–	–
4P	Padi	587	511	132	101	3,521	3,178	66	–
4C	Diversified crops	–	–	–	–	76	5	–	–
4X	Shifting cultivation	–	–	–	–	–	3	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	818	781	567	431	6,357	5,880	876	317

Code	Land Use Category	PALOH		PENGADANG BULOH		PULAU-PULAU		PULAU REDANG	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	504	327	987	813	58	27	9	10
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	2	–	199	–	–	–	–	–
3Gm	Mature rubber	51	–	395	–	–	–	62	–
3Gs	Senile rubber	–	–	43	–	–	–	–	–
	Sub-total	53	121	637	584	–	–	62	69
30y	Young oil palm	–	–	–	–	–	–	–	–
30m	Mature oil palm	–	–	–	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	–	–
3Cy	Young coconut	–	–	–	–	–	–	3	–
3Cm	Mature coconut	76	–	59	–	239	–	38	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	76	137	59	118	239	290	41	38
3N	Pineapple	–	–	–	–	–	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	105	13	–	–	–	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	1	11	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	169	126	2,005	1,428	–	–	25	25
4C	Diversified crops	–	–	30	–	–	–	–	–
4X	Shifting cultivation	–	4	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	802	820	3,732	2,954	297	317	137	142

Table TU 11.1 cont'd

Code	Land Use Category	RENGAS		SERANDA		TOK JAMAL		ULU NERUS	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	268	206	895	903	226	160	691	625
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	–	–	430	–	–	–	1,905	–
3Gm	Mature rubber	5	–	1,323	–	·	–	9,109	–
3Gs	Senile rubber	–	–	44	–	–	–	483	–
	Sub-total	5	24	1,797	2,026	–	4	11,497	6,989
30y	Young oil palm	–	–	–	–	–	–	4,055	–
30m	Mature oil palm	–	–	–	–	–	–	61	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	–	–	–	–	4,116	–
3Cy	Young coconut	–	–	91	–	2	–	–	–
3Cm	Mature coconut	–	–	320	–	10	–	41	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	–	48	411	228	12	10	41	37
3N	Pineapple	–	–	–	–	–	–	202	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	–	9	49	5	–	–	218	7
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	2	–	–	–	2	19
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	204	205	819	880	526	480	395	10
4C	Diversified crops	–	–	438	–	–	–	867	5
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	477	492	4,411	4,042	764	654	18,029	7,692

Table TU 12
Summary of non-agricultural land use in the district of Marang (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	189	0.1	158	0.1	+ 31
1E	Estate buildings and associated areas	1	–	–	–	–
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	4	–	–	–	+ 4
1P	Power line right of way	–	–	–	–	–
6	Grasslands	8,163	5.9	10,797	7.8	– 2,634
7F	Forest	46,819	33.9	43,983	31.9	+ 2,836
7S	Scrub forest	15,047	10.9	18,061	13.0	– 3,014
7C	Newly cleared land	1,906	1.4	2,769	2.0	– 863
8	Swamps	40,836	29.6	46,271	33.5	– 5,435
9	Unused land	722	0.5	1,275	0.9	– 553
UN	Unclassified	1,736	1.2	1,277	0.9	+ 459
	Total	115,423	83.6+	124,591	90.3*	– 9,168

+ Based on the district total of 138,049 acres

* Based on the district total of 137,950 acres

Table TU 12.1
Summary of non-agricultural land use in the mukims of the district of Marang (Terengganu)

Code	Land Use Category	JERONG		MERCHANG		PULAU KERENGGA		RUSILA (PULAU KAPAS)	
		1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	8	10	35	18	17	52	129	78
1E	Estate buildings and associated areas	–	–	–	–	–	–	1	–
1T	Tin mining areas	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	4	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–
6	Grasslands	162	520	4,748	5,610	2,946	4,210	307	457
7F	Forest	2,927	2,301	30,539	27,428	8,490	8,805	4,863	5,449
7S	Scrub forest	1,291	2,607	5,102	5,610	4,365	4,747	4,289	5,097
7C	Newly cleared land	56	37	1,042	2,448	738	245	70	39
8	Swamps	2,561	3,092	30,409	34,998	6,909	7,191	957	990
9	Unused land	–	300	315	542	285	172	122	261
UN	Unclassified	281	–	595	483	598	536	262	258
	Total	7,286	8,867	72,785	77,137	24,352	25,958	11,000	12,629

Table TU 13
Summary of agricultural land use in the district of Marang (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (—) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	3,246	2.3	2,413	1.8	+ 833
2M	Market gardening	—	—	51	—	— 51
2E	Agricultural stations	—	—	—	—	—
3Gy	Young rubber	1,442	1.0	—	—	—
3Gm	Mature rubber	6,218	4.5	—	—	—
3Gs	Senile rubber	1,080	0.8	—	—	—
	Sub-total	8,740	6.3	6,577	4.8	+ 2,163
30y	Young oil palm	162	0.1	—	—	—
30m	Mature oil palm	2,184	1.6	—	—	—
30s	Senile oil palm	—	—	—	—	—
	Sub-total	2,346	1.7	191	0.1	+ 2,155
3Cy	Young coconut	140	0.1	—	—	—
3Cm	Mature coconut	2,613	1.9	—	—	—
3Cs	Senile coconut	—	—	—	—	—
	Sub-total	2,753	2.0	1,886	1.4	+ 867
3N	Pineapple	54	—	—	—	+ 54
3T	Tea	—	—	—	—	—
3K	Coffee	—	—	—	—	—
3A	Cocoa	—	—	—	—	—
3P	Pepper	—	—	—	—	—
3Y	Sugarcane	—	—	—	—	—
3X	Orchards	869	0.6	5	—	+ 864
3F	Fibre crops	—	—	—	—	—
3S	Sago	23	—	—	—	+ 23
3B	Banana	—	—	—	—	—
3H	Fish ponds	—	—	—	—	—
3R	Arecanut	—	—	—	—	—
4P	Padi	4,072	2.9	2,184	1.6	+ 1,888
4C	Diversified crops	523	0.4	52	—	+ 471
4X	Shifting cultivation	—	—	—	—	—
5	Improved permanent pasture	—	—	—	—	—
	Total	22,626	16.4+	13,359	9.7*	+ 9,267

+ Based on the district total of 138,049 acres

* Based on the district total of 137,950 acres

Table TU 13.1
Summary of agricultural land use in the mukims of the district of Marang (Terengganu)

Code	Land Use Category	JERONG		MERCHANG		PULAU KERENGGA		RUSILA (PULAU KAPAS)	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	731	1,000	695	202	1,133	822	687	389
2M	Market gardening	–	32	–	–	–	8	–	11
2E	Agricultural stations	–	–	–	–	–	–	–	–
3Gy	Young rubber	568	–	246	–	261	–	367	–
3Gm	Mature rubber	1,426	–	1,825	–	1,997	–	970	–
3Gs	Senile rubber	518	–	93	–	192	–	277	–
	Sub-total	2,512	1,849	2,164	1,400	2,450	2,439	1,614	889
30y	Young oil palm	–	–	46	–	116	–	–	–
30m	Mature oil palm	–	–	2,181	–	3	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	2,227	191	119	–	–	–
3Cy	Young coconut	16	–	85	–	39	–	–	–
3Cm	Mature coconut	389	–	726	–	982	–	516	–
3Cs	Senile coconut	–	–	–	–	–	–	–	–
	Sub-total	405	140	811	514	1,021	622	516	610
3N	Pineapple	40	–	–	–	–	–	14	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	220	–	–	–	649	5	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	5	–	18	–	–	–	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	1,970	1,399	819	83	763	444	520	258
4C	Diversified crops	158	37	68	–	187	15	110	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	6,041	4,457	6,802	2,390	6,322	4,355	3,461	2,157

Table TU 14
Summary of non-agricultural land use in the district of Ulu Terengganu (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
1U	Urban and associated areas	387	–	425	–	– 38
1E	Estate buildings and associated areas	283	–	20	–	+ 263
1T	Tin mining areas	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	3	–	– 3
1P	Power line right of way	–	–	–	–	–
6	Grasslands	6,625	0.6	15,624	1.6	– 8,999
7F	Forest	798,834	84.0	829,108	87.2	– 30,274
7S	Scrub forest	43,056	4.5	44,804	4.7	– 1,748
7C	Newly cleared land	16,661	1.7	5,524	0.6	+ 11,137
8	Swamps	7,528	0.8	9,315	1.0	– 1,787
9	Unused land	958	0.1	1,583	0.2	– 625
UN	Unclassified	6,806	0.7	5,880	0.6	+ 926
	Total	881,138	92.4+	912,286	95.9*	– 31,148

+ Based on the district total of 951,361 acres

* Based on the district total of 950,575 acres

Table TU 14.1
Summary of non-agricultural land use in the mukims of the district of Ulu Terengganu (Terengganu)

Code	Land Use Category	JENAGOR		KUALA BRANG		KUALA TELEMONG	
		1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	8	42	192	320	–	–
1E	Estate buildings and associated areas	13	–	–	–	–	–
1T	Tin mining areas	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–
6	Grasslands	584	2,302	506	1,175	707	638
7F	Forest	13,417	16,722	2,032	3,379	1,538	2,869
7S	Scrub forest	7,316	6,535	3,591	4,306	2,128	2,943
7C	Newly cleared land	1,424	387	1,336	87	174	–
8	Swamps	669	1,451	463	563	205	366
9	Unused land	275	327	163	139	151	105
UN	Unclassified	533	451	609	557	549	527
	Total	24,239	28,217	8,892	10,526	5,452	7,448

Table TI 14.1 cont'd

Code	Land Use Category	PENGHULU DIMAN		TANGGOL		TERSAT		ULU BRANG		ULU TELEMONG		ULU TERENGGANU	
		1974	1966	1974	1966	1974	1966	1974	1966	1974	1966	1974	1966
1U	Urban and associated areas	117	27	57	36	5	–	–	–	–	–	–	–
1E	Estate buildings and associated areas	268	14	2	–	–	–	–	–	8	6	–	–
1T	Tin mining areas	–	–	–	–	–	–	–	–	–	–	–	–
1X	Other mining and quarrying areas	–	–	–	3	–	–	–	–	–	–	–	–
1P	Power line right of way	–	–	–	–	–	–	–	–	–	–	–	–
6	Grasslands	1,005	1,546	545	817	1,013	1,410	1,325	4,508	885	3,112	55	116
7F	Forest	14,171	20,132	1,823	3,292	33,921	35,730	61,407	63,875	36,031	44,335	634,494	638,774
7S	Scrub forest	1,343	1,963	3,682	4,945	4,742	5,727	8,387	7,247	10,893	10,423	974	715
7C	Newly cleared land	2,663	3,523	511	140	336	436	2,147	231	4,785	720	3,285	–
8	Swamps	2,907	3,303	370	982	523	362	950	756	1,432	1,532	9	–
9	Unused land	–	–	69	69	42	75	16	138	3	29	239	701
UN	Unclassified	–	5	282	246	333	338	373	280	506	394	3,621	3,082
	Total	22,474	30,513	7,341	10,530	40,915	44,078	74,605	77,035	54,543	60,551	642,677	643,388

Table TU 15
Summary of agricultural land use in the district of Ulu Terengganu (Terengganu)

Code	Land Use Category	1974		1966		Increase (+) or decrease (–) over 1966 total acres
		Total acres	% of district	Total acres	% of district	
2H	Mixed horticulture	7,849	0.8	4,155	0.4	+ 3,694
2M	Market gardening	152	–	–	–	+ 152
2E	Agricultural stations	195	–	124	–	+ 71
3Gy	Young rubber	5,801	0.6	–	–	–
3Gm	Mature rubber	21,735	2.3	–	–	–
3Gs	Senile rubber	4,792	0.5	–	–	–
	Sub-total	32,328	3.4	23,809	2.5	+ 8,519
30y	Young oil palm	3,945	0.4	–	–	–
30m	Mature oil palm	4,858	0.5	–	–	–
30s	Senile oil palm	–	–	–	–	–
	Sub-total	8,803	0.9	1,469	0.2	+ 7,334
3Cy	Young coconut	90	–	–	–	–
3Cm	Mature coconut	724	0.1	–	–	–
3Cs	Senile coconut	15	–	–	–	–
	Sub-total	829	0.1	450	0.1	+ 379
3N	Pineapple	48	–	–	–	+ 48
3T	Tea	–	–	–	–	–
3K	Coffee	–	–	–	–	–
3A	Cocoa	2,261	0.2	1,065	0.1	+ 1,196
3P	Pepper	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–
3X	Orchards	681	0.1	64	–	+ 617
3F	Fibre crops	–	–	–	–	–
3S	Sago	21	–	21	–	–
3B	Banana	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–
3R	Arecanut	–	–	–	–	–
4P	Padi	12,023	1.3	7,047	0.7	+ 4,976
4C	Diversified crops	5,030	0.5	85	–	+ 4,945
4X	Shifting cultivation	3	–	–	–	+ 3
5	Improved permanent pasture	–	–	–	–	–
	Total	70,223	7.4+	38,289	4.0*	+ 31,934

+ Based on the district total of 951,361 acres

* Based on the district total of 950,575 acres

Table TU 15.1
Summary of agricultural land use in the mukims of the district of Ulu Terengganu (Terengganu)

Code	Land Use Category	JENAGOR		KUALA BRANG	
		1974	1966	1974	1966
2H	Mixed horticulture	541	369	1,515	594
2M	Market gardening	150	–	2	–
2E	Agricultural stations	–	–	–	–
3Gy	Young rubber	906	–	994	–
3Gm	Mature rubber	1,628	–	3,122	–
3Gs	Senile rubber	53	–	171	–
	Sub-total	2,587	1,620	4,287	3,868
30y	Young oil palm	1,172	–	–	–
30m	Mature oil palm	–	–	–	–
30s	Senile oil palm	–	–	–	–
	Sub-total	1,172	–	–	–
3Cy	Young coconut	22	–	7	–
3Cm	Mature coconut	148	–	117	–
3Cs	Senile coconut	–	–	–	–
	Sub-total	170	111	124	102
3N	Pineapple	–	–	–	–
3T	Tea	–	–	–	–
3K	Coffee	–	–	–	–
3A	Cocoa	–	–	–	–
3P	Pepper	–	–	–	–
3Y	Sugarcane	–	–	–	–
3X	Orchard	349	28	17	–
3F	Fibre crops	–	–	–	–
3S	Sago	–	–	7	–
3B	Banana	–	–	–	–
3H	Fish ponds	–	–	–	–
3R	Arecanut	–	–	–	–
4P	Padi	1,766	849	3,246	3,061
4C	Diversified crops	398	–	362	27
4X	Shifting cultivation	–	–	–	–
5	Improved permanent pasture	–	–	–	–
	Total	7,133	2,977	9,560	7,652

Code	Land Use Category	KUALA TELEMONG		PENGHULU DIMAN		TANGGOL	
		1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	906	643	1,038	491	988	554
2M	Market gardening	–	–	–	–	–	–
2E	Agricultural stations	–	–	141	124	47	–
3Gy	Young rubber	617	–	781	–	944	–
3Gm	Mature rubber	3,420	–	1,903	–	4,095	–
3Gs	Senile rubber	583	–	781	–	1,488	–
	Sub-total	4,620	4,005	3,465	2,382	6,527	5,031
30y	Young oil palm	–	–	672	–	–	–
30m	Mature oil palm	–	–	4,780	–	–	–
30s	Senile oil palm	–	–	–	–	–	–
	Sub-total	–	–	5,452	1,469	–	–
3Cy	Young coconut	28	–	26	–	6	–
3Cm	Mature coconut	250	–	21	–	131	–
3Cs	Senile coconut	–	–	–	–	13	–
	Sub-total	278	132	47	11	150	46
3N	Pineapple	–	–	5	–	–	–
3T	Tea	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–
3A	Cocoa	–	–	2,261	1,065	–	–
3P	Pepper	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–
3X	Orchards	145	–	73	8	27	24
3F	Fibre crops	–	–	–	–	–	–
3S	Sago	9	–	–	–	2	–
3B	Banana	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–
4P	Padi	1,397	1,115	1,261	503	1,411	644
4C	Diversified crops	582	4	372	11	447	20
4X	Shifting cultivation	3	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–
	Total	7,940	5,899	14,115	6,064	9,599	6,319

Table TU 15.1 cont'd

Code	Land Use Category	TERSAT		ULU BRANG		ULU TELEMONG		ULU TERENGGANU	
		1974	1966	1974	1966	1974	1966	1974	1966
2H	Mixed horticulture	651	358	687	484	1,459	651	64	11
2M	Market gardening	–	–	–	–	–	–	–	–
2E	Agricultural stations	–	–	–	–	7	–	–	–
3Gy	Young rubber	350	–	340	–	869	–	–	–
3Gm	Mature rubber	2,509	–	1,649	–	3,409	–	–	–
3Gs	Senile rubber	338	–	1,077	–	301	–	–	–
	Sub-total	3,197	1,761	3,066	1,861	4,579	3,281	–	–
30y	Young oil palm	–	–	49	–	1,394	–	658	–
30m	Mature oil palm	–	–	78	–	–	–	–	–
30s	Senile oil palm	–	–	–	–	–	–	–	–
	Sub-total	–	–	127	–	1,394	–	658	–
3Cy	Young coconut	1	–	–	–	–	–	–	–
3Cm	Mature coconut	9	–	12	–	36	–	–	–
3Cs	Senile coconut	–	–	–	–	2	–	–	–
	Sub-total	10	29	12	–	38	19	–	–
3N	Pineapple	–	–	–	–	43	–	–	–
3T	Tea	–	–	–	–	–	–	–	–
3K	Coffee	–	–	–	–	–	–	–	–
3A	Cocoa	–	–	–	–	–	–	–	–
3P	Pepper	–	–	–	–	–	–	–	–
3Y	Sugarcane	–	–	–	–	–	–	–	–
3X	Orchard	21	–	5	–	44	4	–	–
3F	Fibre crops	–	–	–	–	–	–	–	–
3S	Sago	–	–	3	14	–	7	–	–
3B	Banana	–	–	–	–	–	–	–	–
3H	Fish ponds	–	–	–	–	–	–	–	–
3R	Arecanut	–	–	–	–	–	–	–	–
4P	Padi	979	390	282	60	1,681	425	–	–
4C	Diversified crops	861	–	681	14	1,327	9	–	–
4X	Shifting cultivation	–	–	–	–	–	–	–	–
5	Improved permanent pasture	–	–	–	–	–	–	–	–
	Total	5,719	2,538	4,863	2,433	10,572	4,396	722	11

REFERENCES

1. Anon., 1961 – Hydrological Data, Rainfall Records 1879 – 1958. Drainage and Irrigation Department, Kuala Lumpur, Malaysia.

2. Anon., 1966 – Clay Mineralogy of Malayan Padi Soils (Plough Layer). Annual Report, Soil Science Division, Department of Agriculture, Kuala Lumpur. p.8.

3. Anon., 1972 – Some results of clay analysis. Ann. Report, Soils and Analytical Services Branch, Department of Agriculture, Kuala Lumpur.

4. Bloomfield, C. 1967. – Unpublished mineographed report. Department of Agriculture, Peninsular Malaysia.

5. Chan, H.Y. & Pushparajah, E. 1972. – Productivity Potentials of Hevea on West Malaysian Soils. A Preliminary Assessment. R.R.I.M. Planter's Conf. Kuala Lumpur, Malaysia.

6. Chow, W.T. 1968. – A Preliminary Study on Acid-Sulphate Soils in West Malaysia. Proc. 3rd Malaysian Soil Conf. Dept. Agriculture, Sarawak.

7. Coulter, J.K. 1972. – Soils of Malaysia – A review of investigations on their Fertility and Management. Soils and Fertilizers, **35**, 475 – 498.

8. Dale, W.L. 1959. – The Rainfall of Malaya, Part I. J. Trop. Geog. **13**, 23 – 27.

9. Donaldson, R.D. 1968. – Land Use Survey Report of Malacca, Division of Agriculture, West Malaysia, Kuala Lumpur.

10. Donaldson, R.D. & Siew, K.Y. 1968. – Land Use Survey Report of Negeri Sembilan, Division of Agriculture, West Malaysia, Kuala Lumpur.

11. Dudal, R, & Moorman, F.R. 1964. – Major Soils of South-East Asia, J. Trop. Geog. **18**, 54 – 80.

12. International Geographical Union, 1952. – Report of the Commission on Land Use, 1949 – 1952.

13. Kanapathy, K. 1975 a. – Some recent work on the reclamation of acid sulphate soils. 3rd Asean Soil Conf. Kuala Lumpur, Malaysia.

14. Kanapathy, K. 1975 b. – Factors in the utilization of peat soils in Peninsular Malaysia. 3rd Asean Soil Conf. Kuala Lumpur, Malaysia.

15. Kawaguchi, K. & Kyuma, K, 1969. – Lowland Rice Soils in Malaya. Report on Research in Southeast Asia National Service Series N-5, Kyoto University p. 68 – 91.

16. Law, W.M. & Selvadurai, K. 1968. – The 1968 Reconnaissance Soil Map of Malaya. Proc. 3rd Malaysia Soil Conf. Dept. of Agriculture, Sarawak.

17. Law, W.M., & Tan, M.H. 1975. – Range in properties of Peninsular Malaysian Soils. 3rd Asean Soil Conf. Kuala Lumpur, Malaysia.

18. Ng, S.K. 1965 – The Potassium Status of Some Malayan Soils. M.A.J. 45, 143 – 161.

19. Siew, K.Y. 1969 a. – Land Use Survey Report of Penang & Province Wellesley. Division of Agriculture, West Malaysia, Kuala Lumpur.

20. Siew, K.Y. 1969 b. – Land Use Survey Report of Perlis. Division of Agriculture, West Malaysia, Kuala Lumpur.

21. Siew, K.Y. 1970 a. – Land Use Survey Report of Pahang, Division of Agriculture, West Malaysia, Kuala Lumpur.

22. Siew, K.Y. 1970 b. – Land Use Survey Report of Perak. Division of Agriculture, West Malaysia, Kuala Lumpur.

23. Wong, I.F.T. 1969 a. – Land Use Survey Report of Selangor, Division of Agriculture, West Malaysia, Kuala Lumpur.

24. Wong, I.F.T. 1969 b. – Land Use Survey Report of Johor. Division of Agriculture, West Malaysia, Kuala Lumpur.

25. Wong, I.F.T. 1970 a. – Land Use Survey Report of Kelantan. Division of Agriculture, West Malaysia, Kuala Lumpur.

26. Wong, I.F.T. 1970 b. – Land Use Survey Report of Kedah. Division of Agriculture, West Malaysia, Kuala Lumpur.

27. Wong, I.F.T. 1970 c. – Land Use Survey Report of Terengganu. Division of Agriculture, West Malaysia, Kuala Lumpur.

28. Wong, I.F.T. 1971. – The Present Land Use of West Malaysia, 1966. Department of Agriculture, Kuala Lumpur, Malaysia.

29. Wong, I.F.T. 1974. – Soil-Crop Suitability Classification for Peninsular Malaysia, Department of Agriculture, Peninsular Malaysia.

30. Wycherley, P.R. 1969. – Conservation in Malaysia. IUCN Publication New Series, Supplementary Paper No. 22.