

Crop Diversification Potential for KH071

Code Number : KH071 Name of Scheme : Bukit Kemboja
 State : Kedah District : Langkawi
 Type of Scheme : Pump
 Water source : Limited to single cropping
 Soil series : 2Dt

Irrigable area (ha) Main : 150 Off : 150
 Trafficability of farm machinery : Good
 Paddy planting for last 3 years : More than 50% of irrigable area

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		2,250
				Groundnut	C	A	A		392
				Vegetable	C	A	-		2,655
2	*	*	*	Durian/Mango	C	A	-	11.0	1,020
				Guava	C	A	-	3.1	3,600
				Banana	C	A	-	0.7	1,575
				Cashewnut	C	A	A		264
				Papaya	C	A	-		3,750
				Citrus	C	A	-		1,575
				Pineapple	C	A	-	0.5	3,600
				Coconut	A	-	A		657
				Oilpalm	C	A	A	0.9	2,880
				Cocoa	C	A	A	0.6	465
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>206</u>
				Coffee	C	A	A		132
				Tea	C	A	A		195
				Clove	C	A	A		47
Tabacco	C	A	A		1,350				
Sugarcane	C	A	A		3,000				
Pepper	C	A	A		443				
3	*	*	*	Maize	C	-	-		488
				Sorghum	C	-	A		563
				Ginger	C	A	-		2,250
				Groundnut	C	A	A		392
				Vegetable	C	A	-		2,655
4	*	*	*	Fodder grasses	C	-	A		
				Pasture	C	-	A		
5									
6									
7	*	*	*		*	*	*		
8									

NOTE Underline : Crops with highest potential (Class A) in terms of crop suitability, profitability, marketability and invest performance (B/C > 1).
 * : Potential categories
 A : Suitable
 B : Marginal suitable due to lack of drainage facilities
 C : Marginal suitable due to limited factors other than drainage conditions
 - : Not suitable

Crop Diversification Potential for KH072

Code Number : KH072 Name of Scheme : Pdg. Matsirat, Limbong, Raggut
 State : Kedah District : Langkawi
 Type of Scheme : Gravity
 Water source : Sufficient for double cropping
 Soil series : 2Dt

Irrigable area (ha) Main : 325 Off : 325
 Trafficability of farm machinery : Good
 Paddy planting for last 3 years : More than 50% of irrigable area

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		4,875
				Groundnut	C	A	A		848
				Vegetable	C	A	-		5,753
2	*	*	*	Durian/Mango	C	A	-	11.0	2,210
				Guava	C	A	-	3.1	7,800
				Banana	C	A	-	0.7	3,413
				Cashewnut	C	A	A		572
				Papaya	C	A	-		8,125
				Citrus	C	A	-		3,413
				Pineapple	C	A	-	0.5	7,800
				Coconut	A	-	A		1,424
				Oilpalm	C	A	A	0.9	6,240
				Cocoa	C	A	A	0.6	1,008
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>445</u>
				Coffee	C	A	A		286
				Tea	C	A	A		423
Clove	C	A	A		101				
Tabacco	C	A	A		2,925				
Sugarcane	C	A	A		6,500				
Pepper	C	A	A		959				
3	*	*	*	Maize	C	-	-		1,056
				Sorghum	C	-	A		1,219
				Ginger	C	A	-		4,875
				Groundnut	C	A	A		848
				Vegetable	C	A	-		5,753
4	*	*	*	Fodder grasses	C	-	A		
				Pasture	C	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*						
7	*	*	*		*	*	*		
8									

NOTE Underline : Crops with highest potential (Class A) in terms of crop suitability, profitability, marketability and invest performance (B/C > 1).

- * : Potential categories
- A : Suitable
- B : Marginal suitable due to lack of drainage facilities
- C : Marginal suitable due to limited factors other than drainage conditions
- : Not suitable

Crop Diversification Potential for KH073

Code Number : KH073 Name of Scheme : Terusan Seimbang Sg.Tok Peteri
 State : Kedah District : Langkawi
 Type of Scheme : Gravity
 Water source : Sufficient for double cropping
 Soil series : 2Dt

Irrigable area (ha) Main : 185 Off : 0
 Trafficability of farm machinery : Good
 Paddy planting for last 3 years : More than 50% of irrigable area

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		2,775
				Groundnut	C	A	A		483
				Vegetable	C	A	-		3,275
2	*	*	*	Durian/Mango	C	A	-	11.0	1,258
				Guava	C	A	-	3.1	4,440
				Banana	C	A	-	0.7	1,943
				Cashewnut	C	A	A		326
				Papaya	C	A	-		4,625
				Citrus	C	A	-		1,943
				Pineapple	C	A	-	0.5	4,440
				Coconut	A	-	A		810
				Oilpalm	C	A	A	0.9	3,552
				Cocoa	C	A	A	0.6	574
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>253</u>
				Coffee	C	A	A		163
				Tea	C	A	A		241
				Clove	C	A	A		57
Tabacco	C	A	A		1,665				
Sugarcane	C	A	A		3,700				
Pepper	C	A	A		546				
3	*	*	*	Maize	C	-	-		601
				Sorghum	C	-	A		694
				Ginger	C	A	-		2,775
				Groundnut	C	A	A		483
				Vegetable	C	A	-		3,275
4	*	*	*	Fodder grasses	C	-	A		
				Pasture	C	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*						
7	*	*	*		*	*	*		
8									

NOTE Underline : Crops with highest potential (Class A) in terms of crop suitability, profitability, marketability and invest performance (B/C > 1).
 * : Potential categories
 A : Suitable
 B : Marginal suitable due to lack of drainage facilities
 C : Marginal suitable due to limited factors other than drainage conditions
 - : Not suitable

Crop Diversification Potential for KH074

Code Number : KH074 Name of Scheme : Kg. Kok
 State : Kedah District : Langkawi
 Type of Scheme : Gravity
 Water source : Sufficient for double cropping
 Soil series : 2Dt

Irrigable area (ha) Main : 36 Off : 0
 Trafficability of farm machinery : Good
 Paddy planting for last 3 years : More than 50% of irrigable area

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		540
				Groundnut	C	A	A		94
				Vegetable	C	A	A		637
2	*	*	*	Durian/Mango	C	A	-	11.0	245
				Guava	C	A	-	3.1	864
				Banana	C	A	A	0.7	378
				Cashewnut	C	A	A		63
				Papaya	C	A	-		900
				Citrus	C	A	-		378
				Pineapple	C	A	-	0.5	864
				Coconut	A	-	A		158
				Oilpalm	C	A	A	0.9	691
				Cocoa	C	A	A	0.6	112
				<u>Rubber</u>	A	A	A	1.1	<u>49</u>
				Coffee	C	A	A		32
				Tea	C	A	A		47
				Clove	C	A	A		11
Tabacco	C	A	A		324				
Sugarcane	C	A	A		720				
Pepper	C	A	A		106				
3	*	*	*	Maize	C	-	-		117
				Sorghum	C	-	A		135
				Ginger	C	A	-		540
				Groundnut	C	A	A		94
				Vegetable	C	A	A		637
4	*	*	*	Fodder grasses	C	-	A		
				Pasture	C	-	A		
5	*	*	*			A	A	<u>2.0</u>	
6	*	*	*						
7	*	*	*		*	*	*		
8									

NOTE Underline : Crops with highest potential (Class A) in terms of crop suitability, profitability, marketability and invest performance (B/C > 1).
 * : Potential categories
 A : Suitable
 B : Marginal suitable due to lack of drainage facilities
 C : Marginal suitable due to limited factors other than drainage conditions
 - : Not suitable

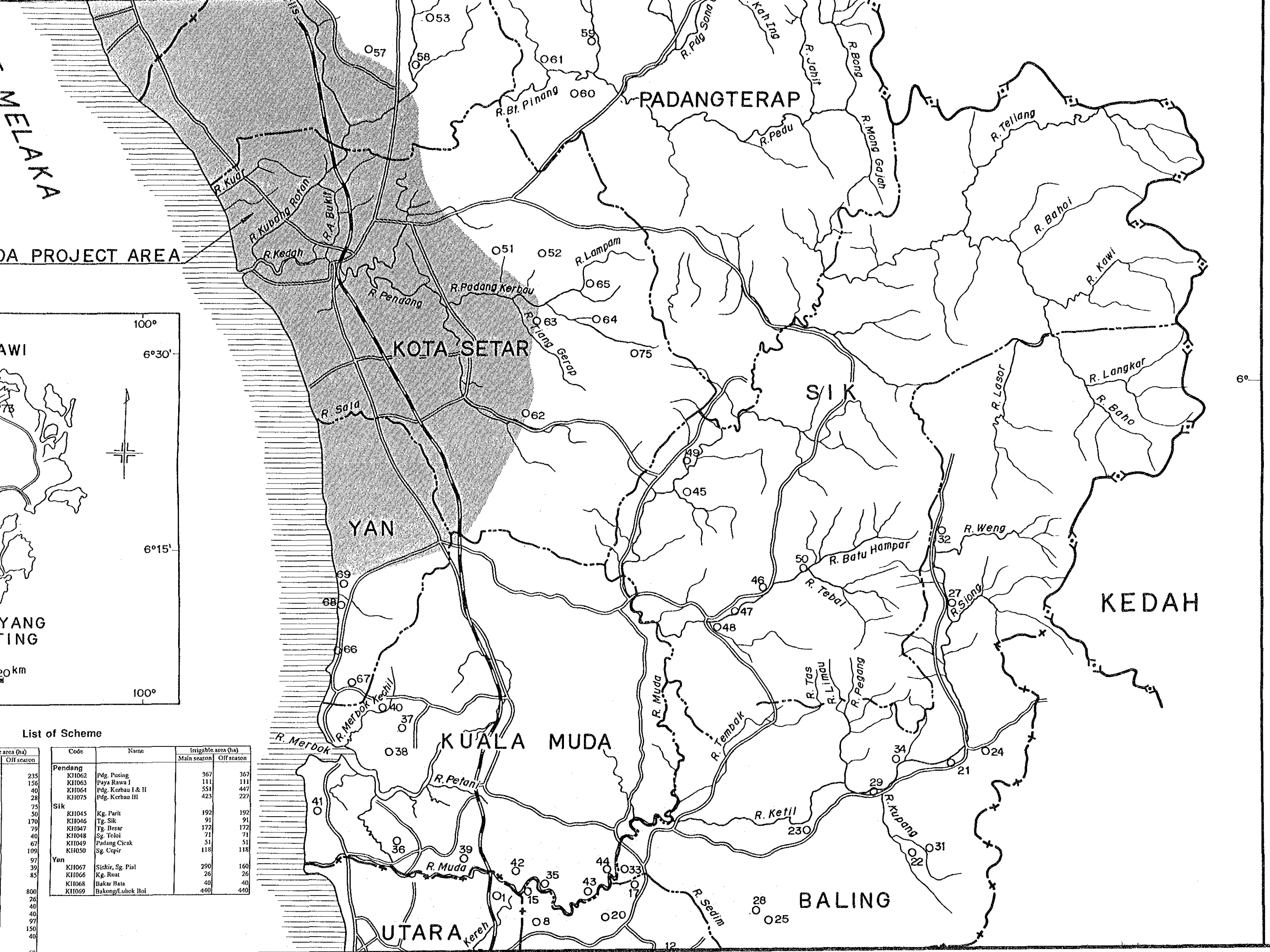
Crop Diversification Potential for KH075

Code Number : KH075 Name of Scheme : Pdg. Kerbau Phase III
 State : Kedah District : Pendang
 Type of Scheme : Gravity
 Water source : Limited to single cropping
 Soil series : 2Dt

Irrigable area (ha) Main : 423 Off : 227
 Trafficability of farm machinery : Good
 Paddy planting for last 3 years : More than 50% of irrigable area

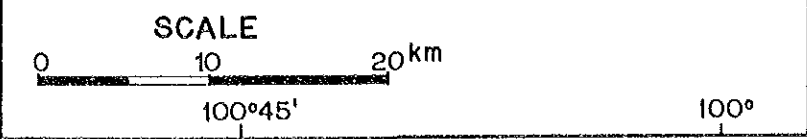
Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		6,345
				Groundnut	C	A	A		1,104
				Vegetable	C	A	-		7,487
2	*	*	*	Durian/Mango	C	A	-	11.0	2,876
				Guava	C	A	-	3.1	10,152
				Banana	C	A	-	0.7	4,442
				Cashewnut	C	A	A		744
				Papaya	C	A	-		10,575
				Citrus	C	A	-		4,442
				Pineapple	C	A	-	0.5	10,152
				Coconut	A	-	A		1,853
				Oilpalm	C	A	A	0.9	8,122
				Cocoa	C	A	A	0.6	1,311
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>580</u>
				Coffee	C	A	A		372
				Tea	C	A	A		550
				Clove	C	A	A		131
Tabacco	C	A	A		3,807				
Sugarcane	C	A	A		8,460				
Pepper	C	A	A		1,248				
3	*	*	*	Maize	C	-	-		1,375
				Sorghum	C	-	A		1,586
				Ginger	C	A	-		6,345
				Groundnut	C	A	A		1,104
				Vegetable	C	A	-		7,487
4	*	*	*	Fodder grasses	C	-	A		
				Pasture	C	-	A		
5									
6									
7	*	*	*		*	*	*		
8									

NOTE Underline : Crops with highest potential (Class A) in terms of crop suitability, profitability, marketability and invest performance (B/C > 1).
 * : Potential categories
 A : Suitable
 B : Marginal suitable due to lack of drainage facilities
 C : Marginal suitable due to limited factors other than drainage conditions
 - : Not suitable



List of Scheme

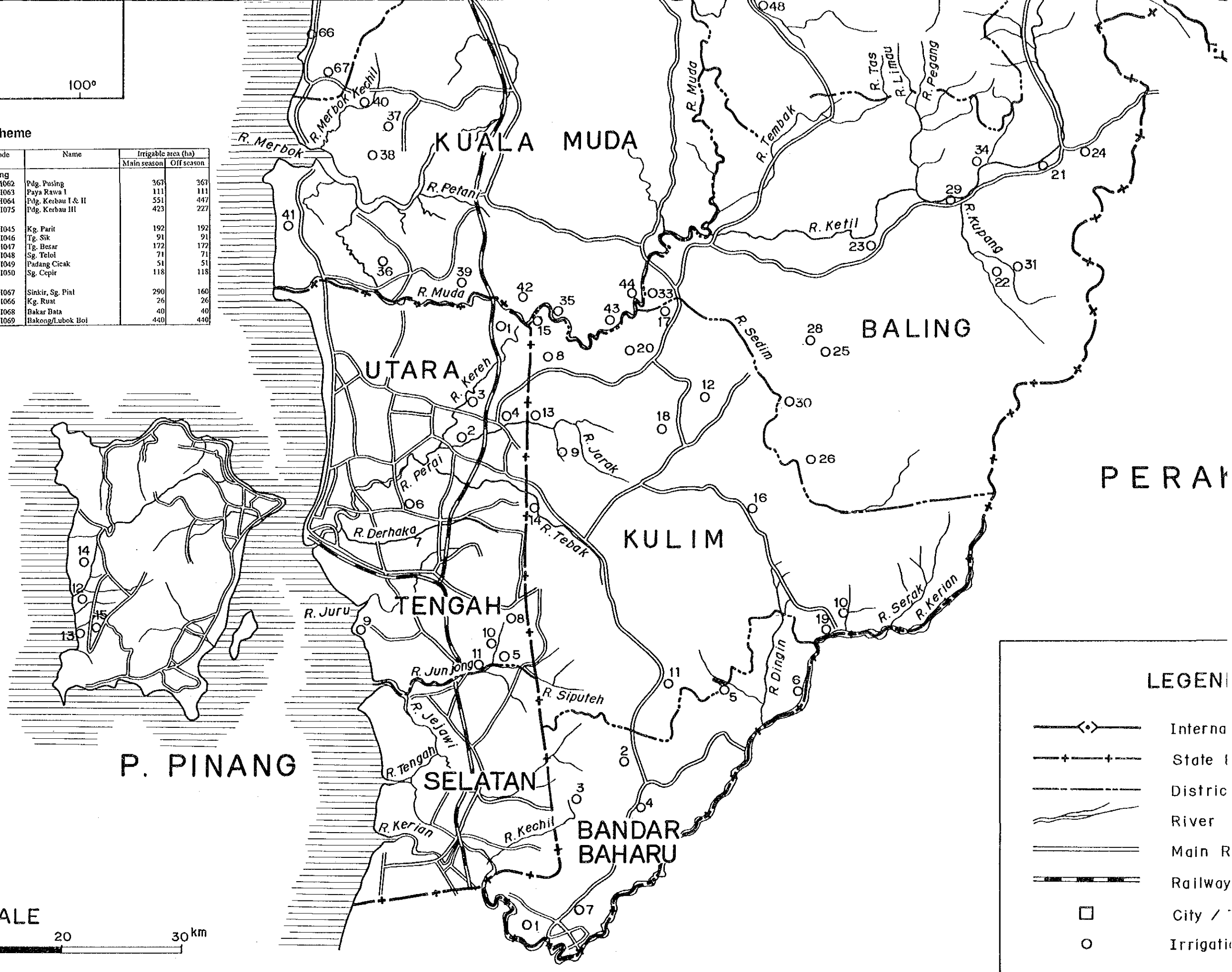
Area (ha)	Code	Name	Irrigable area (ha)	
			Main season	Off season
235	Pendang			
156	KI1062	Pdg. Pusing	367	367
40	KI1063	Paya Rawa I	111	111
28	KI1064	Pdg. Kerbau I & II	551	447
75	KI1075	Pdg. Kerbau III	423	227
50	Sik			
170	KI1045	Kg. Parit	192	192
79	KI1046	Tg. Sik	91	91
40	KI1047	Tg. Besar	172	172
67	KI1048	Sg. Teloi	71	71
109	KI1049	Padang Cicak	51	51
97	KI1050	Sg. Cepir	118	118
39	Yan			
85	KI1067	Sinkir, Sg. Pial	290	160
26	KI1066	Kg. Ruat	26	26
40	KI1068	Bakar Bata	40	40
150	KI1069	Bakong/Lubok Boi	440	440



List of Scheme

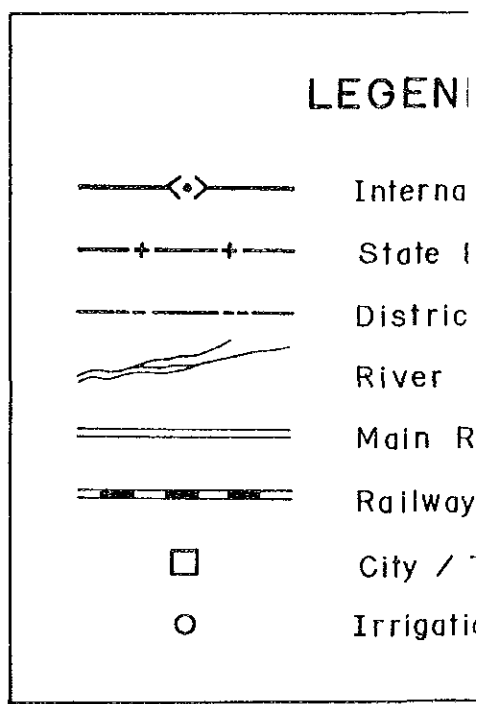
Code	Name	Irrigable area (ha)	
		Main season	Off season
Baling			
KH021	Pulai	239	235
KH022	Kg. Iboi	156	156
KH023	Kg. Tawar	40	40
KH024	Simpang Empat	28	28
KH025	Ulu Bakai	75	75
KH026	Kg. Badang	50	50
KH027	Kg. Luar	170	170
KH028	Ulu Sedim/SI Puteh	114	79
KH029	Landak	40	40
KH030	Kg. Mempelan	67	67
KH031	Sg. Tiak	109	109
KH032	Tg. Pari	98	97
KH033	Pantai Ciesak	40	39
KH034	Sg. Limau/Carok Sikin	85	85
Bandar Baharu			
KH001	Bandar Baharu	800	800
KH002	Serdang Bt. 16	29	26
KH003	Kilang H/Kg. Ulu	40	40
KH005	Sg. Tengah	40	40
KH006	Sg. Taka	97	97
KH007	Kg. Berjaya	150	150
KH004	Serdang Batu 18	40	40
Kota Selar			
KH051	Gua Ginu	62	62
KH052	Nawa Gajah Mati	140	0
KH065	Sg. Lampam/Rambai	223	194
Kuala Muda			
KH035	Sidam Kiri	219	219
KH036	Pekula	1557	1088
KH037	Sg. Gelam	154	150
KH038	Merbok Bunding	1100	0
KH039	Pinang Tunjal	279	198
KH040	Tandop Pekan Merbok	77	71
KH041	Kota II	2149	2149
KH042	Pantai Prai/Serukam	259	259
KH043	Kemumbong	55	55
KH044	Lubok Kiab	53	53
Kubang Pasu			
KH053	Binjal	172	0
KH054	Lembah Bata Phase I	324	305
KH055	Sg. Pering	387	385
KH056	Che Kodo/Putat	320	320
KH057	Sg. Gelong	194	194
KH058	Lembah Bata II	688	405
Kulim			
KH008	Sidam Kanan	500	500
KH009	Sg. Seluang	134	0
KH010	Ulu Mahang	61	61
KH011	Bendang Sena	23	23
KH012	Jemerli	445	445
KH013	Otak Kerbau	193	193
KH014	Kulim	152	152
KH015	Terat Batu	28	28
KH016	Selarung Panjang	41	0
KH017	Merbau Putas	68	68
KH018	Padang Meha/Pagar Musch	150	150
KH019	Kg. Lobak	28	20
KH020	Titi Karang	95	95
Langkawi			
KH070	Pdg. Gaung	350	0
KH072	Pdg. Matsirat, Limbong, Raggut	325	325
KH073	Terusan Seimbang Sg. Tok Peteri	185	0
KH074	Kg. Kok	36	0
KH071	Bukit Kembeja	150	150
Padang Terap			
KH059	Janing	117	117
KH060	Carok Kejal	90	0
KH061	Kurong Hitam	100	100

Code	Name	Irrigable area (ha)	
		Main season	Off season
Pandang			
KH062	Pdg. Pusing	367	367
KH063	Paya Rawa I	111	111
KH064	Pdg. Kerbau I & II	551	447
KH075	Pdg. Kerbau III	423	227
Sik			
KH045	Kg. Parit	192	192
KH046	Tg. Sik	91	91
KH047	Tg. Besar	172	172
KH048	Sg. Teloi	71	71
KH049	Padang Cicak	51	51
KH050	Sg. Cepir	118	118
Yan			
KH067	Sinkir, Sg. Pint	290	160
KH066	Kg. Ruat	26	26
KH068	Bakar Bata	40	40
KH069	Bakong/Lubok Boi	440	440



PERAK

P. PINANG



100°

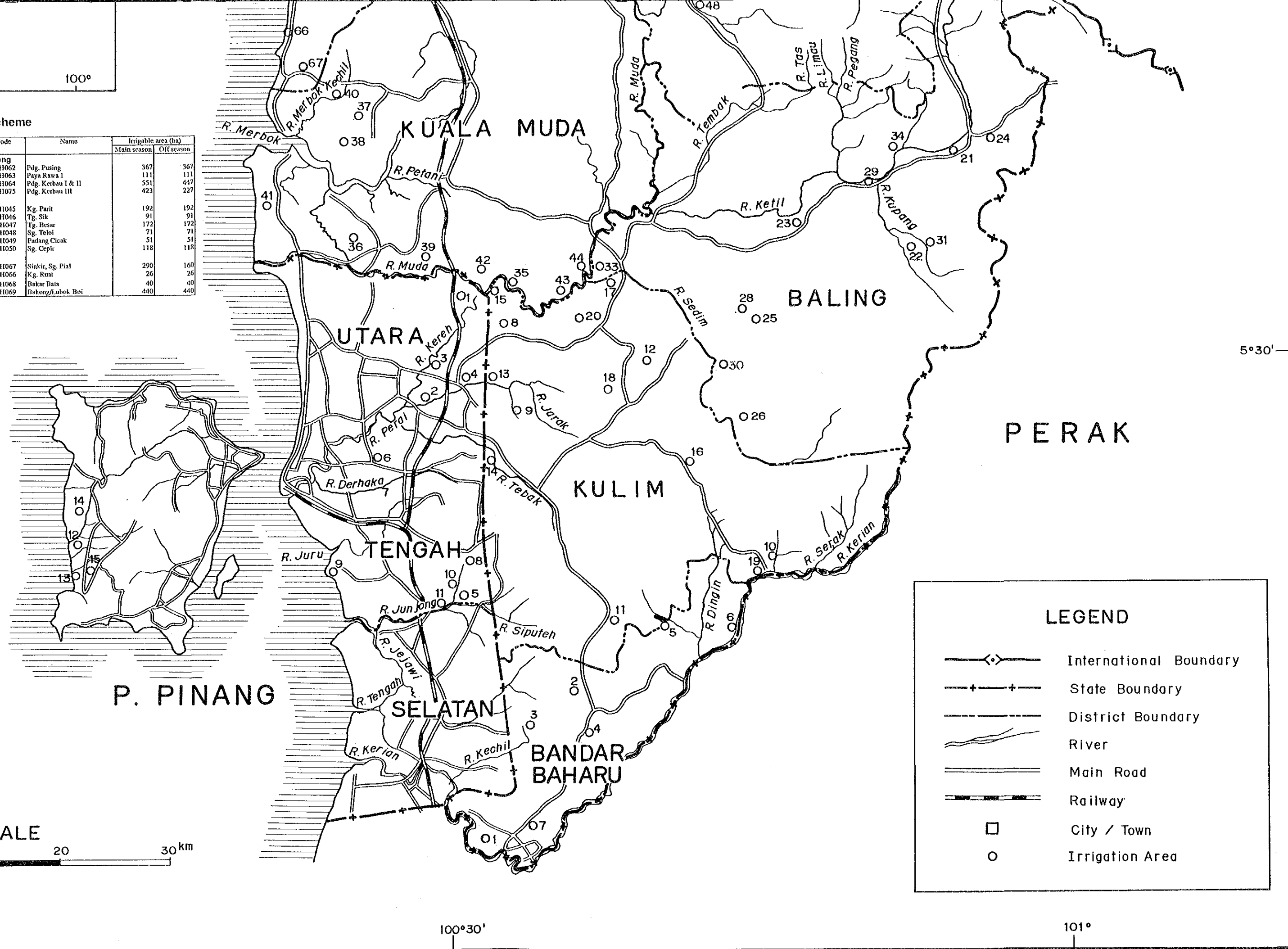
100°30'

101°

ANG
TING
20 km
100°

List of Scheme

Irrigable area (ha)	Code	Name	Irrigable area (ha)	
			Main season	Off season
235	Pendang			
156	KH062	Pdg. Pusing	367	367
40	KH063	Paya Rawa I	111	111
28	KH064	Pdg. Kerbau I & II	551	447
75	KH075	Pdg. Kerbau III	423	227
50	Sik			
170	KH045	Kg. Parit	192	192
79	KH046	Tg. Sik	91	91
40	KH047	Tg. Besar	172	172
67	KH048	Sg. Teloi	71	71
109	KH049	Padang Cicak	51	51
97	KH050	Sg. Cepir	118	118
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26	KH066	Kg. Ruai	26	26
40	KH068	Bakar Bats	40	40
800	KH069	Bakong/Tubok Boi	440	440



LEGEND

- International Boundary
- State Boundary
- District Boundary
- River
- Main Road
- Railway
- City / Town
- Irrigation Area

SCALE
10 20 30 km

JICA