

*Feasibility Study on Rationalization and Crop Diversification  
in Non-granary Irrigated Areas in Malaysia*

Vol. 5  
State Report

## **Appendix**

### **Results of Evaluation for Crop Diversification Potential**

## Remarks

### Category

Category 1	<i>Schemes to be converted to high value crop cultivation under irrigated condition</i>
Category 2	<i>Schemes to be converted to tree crop cultivation</i>
Category 3	<i>Schemes to introduce two-cropping system planting paddy during the main season and short-term annual crops during the off-season</i>
Category 4	<i>Schemes to be converted to animal feeding crop cultivation or cattle raising fields</i>
Category 5	<i>Schemes to be converted to freshwater fish culture ponds</i>
Category 6	<i>Schemes to be positively maintained as mini-granary areas</i>
Category 7	<i>Schemes to be maintained as paddy cultivation areas within a definite period of time for social welfare purposes and thereafter to be further categorized</i>
Category 8	<i>Schemes to be converted to housing/industrial and other uses</i>

### Evaluation Item in Each Step

Step 1	<i>Available irrigation water quantity</i>
Step 2	<i>Farmers' intention towards paddy cultivation</i>
Step 3	<i>Land suitability for mechanized farming practices</i>
Step 4	<i>Soil suitability and limitations to diversify crops</i>
Step 5	<i>Crop profitability</i>
Step 6	<i>Crop marketability</i>
Step 7	<i>Investment performance</i>

- Note:
- If any item is examined, steps for the respective categories are indicated with a star mark "\*".*
  - In step 7, B/C ratio at the interest rate of 10% is described.*

## Evaluation Results of Each Scheme

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## Crop Diversification Potential for MA001

Code Number : MA001                      Name of Scheme : Air Paabas  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 70              Off : 40  
 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	-		1,050
				Groundnut	C	A	A		183
				Vegetable	C	A	A		1,239
2	*	*	*	Durian/Mango	C	A	A	11.0	476
				Guava	C	A	-	3.1	1,680
				Banana	C	A	A	0.7	735
				Cashewnut	C	A	A		123
				Papaya	C	A	-		1,750
				Citrus	C	A	-		735
				Pineapple	C	A	-	0.5	1,680
				Coconut	A	-	A		307
				Oilpalm	C	A	A	0.9	1,344
				Cocoa	C	A	A	0.6	217
				<u>Rubber</u>	A	A	A	1.1	<u>96</u>
				Coffee	C	A	A		62
				Tea	C	A	A		91
				Clove	C	A	A		22
Tabacco	C	A	A		630				
Sugarcane	C	A	A		1,400				
Pepper	C	A	A		207				
3	*	*	*	Maize	C	-	-		228
				Sorghum	C	-	A		263
				Ginger	C	A	-		1,050
				Groundnut	C	A	A		183
				Vegetable	C	A	A		1,239
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 MA002

Code Number : MA002                      Name of Scheme : Air Hitam Lendu  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Soil series : 2Dt

Irrigable area (ha)            Main : 22            Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Converted to other crops

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		330
				Groundnut	C	A	A		57
				Vegetable	C	A	A		389
2	*	*	*	Durian/Mango	C	A	A	11.0	150
				Guava	C	A	-	3.1	528
				Banana	C	A	A	0.7	231
				Cashewnut	C	A	A		39
				Papaya	C	A	-		550
				Citrus	C	A	-		231
				Pineapple	C	A	-	0.5	528
				Coconut	A	-	A		96
				Oilpalm	C	A	A	0.9	422
				Cocoa	C	A	A	0.6	68
				<u>Rubber</u>	A	A	A	1.1	<u>30</u>
				Coffee	C	A	A		19
				Tea	C	A	A		29
				Clove	C	A	A		7
Tabacco	C	A	A		198				
Sugarcane	C	A	A		440				
Pepper	C	A	A		65				
3	*	*	*	Maize	C	-	-		72
				Sorghum	C	-	A		83
				Ginger	C	A	-		330
				Groundnut	C	A	A		57
				Vegetable	C	A	A		389
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 MA003

Code Number : MA003                      Name of Scheme : Cerana Puteh  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 42              Off : 24  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		630
				Groundnut	C	A	A		110
				Vegetable	C	A	A		743
2	*	*	*	Durian/Mango	C	A	A	11.0	286
				Guava	C	A	-	3.1	1,008
				Banana	C	A	A	0.7	441
				Cashewnut	C	A	A		74
				Papaya	C	A	-		1,050
				Citrus	C	A	-		441
				Pineapple	C	A	-	0.5	1,008
				Coconut	A	-	A		184
				Oilpalm	C	A	A	0.9	806
				Cocoa	C	A	A	0.6	130
				<u>Rubber</u>	A	A	A	1.1	58
				Coffee	C	A	A		37
				Tea	C	A	A		55
				Clove	C	A	A		13
Tabacco	C	A	A		378				
Sugarcane	C	A	A		840				
Pepper	C	A	A		124				
3	*	*	*	Maize	C	-	-		137
				Sorghum	C	-	A		158
				Ginger	C	A	-		630
				Groundnut	C	A	A		110
				Vegetable	C	A	A		743
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 MA004

Code Number : MA004                      Name of Scheme : Durian Daun  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 48              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	-		720
				Groundnut	C	A	A		125
				Vegetable	C	A	A		850
2	*	*	*	Durian/Mango	C	A	A	11.0	326
				Guava	C	A	-	3.1	1,152
				Banana	C	A	A	0.7	504
				Cashewnut	C	A	A		84
				Papaya	C	A	-		1,200
				Citrus	C	A	-		504
				Pineapple	C	A	-	0.5	1,152
				Coconut	A	-	A		210
				Oilpalm	C	A	A	0.9	922
				Cocoa	C	A	A	0.6	149
				<u>Rubber</u>	A	A	A	1.1	66
				Coffee	C	A	A		42
				Tea	C	A	A		62
				Clove	C	A	A		15
Tabacco	C	A	A		432				
Sugarcane	C	A	A		960				
Pepper	C	A	A		142				
3	*	*	*	Maize	C	-	-		156
				Sorghum	C	-	A		180
				Ginger	C	A	-		720
				Groundnut	C	A	A		125
				Vegetable	C	A	A		850
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 MA005

Code Number : MA005                      Name of Scheme : Kemuning  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2DT

Irrigable area (ha)              Main : 69              Off : 69  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		1,035
				Groundnut	C	A	A		180
				Vegetable	C	A	A		1,221
2	*	*	*	Durian/Mango	C	A	A	11.0	469
				Guava	C	A	-	3.1	1,656
				Banana	C	A	A	0.7	725
				Cashewnut	C	A	A		121
				Papaya	C	A	-		1,725
				Citrus	C	A	-		725
				Pineapple	C	A	-	0.5	1,656
				Coconut	A	-	A		302
				Oilpalm	C	A	A	0.9	1,325
				Cocoa	C	A	A	0.6	214
				<u>Rubber</u>	A	A	A	1.1	<u>95</u>
				Coffee	C	A	A		61
				Tea	C	A	A		90
				Clove	C	A	A		21
Tabacco	C	A	A		621				
Sugercane	C	A	A		1,380				
Pepper	C	A	A		204				
3	*	*	*	Maize	C	-	-		224
				Sorghum	C	-	A		259
				Ginger	C	A	-		1,035
				Groundnut	C	A	A		180
				Vegetable	C	A	A		1,221
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 MA006

Code Number : MA006                      Name of Scheme : Kuala Sungga  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Soil series : 2Dt

Irrigable area (ha)              Main : 14              Off : 14  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		210
				Groundnut	C	A	A		37
				Vegetable	C	A	A		248
2	*	*	*	Durian/Mango	C	A	A	11.0	95
				Guava	C	A	-	3.1	336
				Banana	C	A	A	0.7	147
				Cashewnut	C	A	A		25
				Papaya	C	A	A		350
				Citrus	C	A	A		147
				Pineapple	C	A	A	0.5	336
				Coconut	A	-	A		61
				Oilpalm	C	A	A	0.9	269
				Cocoa	C	A	A	0.6	43
				<u>Rubber</u>	A	A	A	1.1	19
				Coffee	C	A	A		12
				Tea	C	A	A		18
				Clove	C	A	A		4
Tabacco	C	A	A		126				
Sugarcane	C	A	A		280				
Pepper	C	A	A		41				
3	*	*	*	Maize	C	-	-		46
				Sorghum	C	-	A		53
				Ginger	C	A	-		210
				Groundnut	C	A	A		37
				Vegetable	C	A	A		248
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 MA007

Code Number : MA007                      Name of Scheme : Kg. Lekok, Masjid Tanah Pekan  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 43              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	-		645
				Groundnut	C	A	A		112
				Vegetable	C	A	A		761
2	*	*	*	Durian/Mango	C	A	A	11.0	292
				Guava	C	A	-	3.1	1,032
				Banana	C	A	A	0.7	452
				Cashewnut	C	A	A		76
				Papaya	C	A	-		1,075
				Citrus	C	A	-		452
				Pineapple	C	A	-	0.5	1,032
				Coconut	A	-	A		188
				Oilpalm	C	A	A	0.9	826
				Cocoa	C	A	A	0.6	133
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>59</u>
				Coffee	C	A	A		38
				Tea	C	A	A		56
				Clove	C	A	A		13
Tabacco	C	A	A		387				
Sugarcane	C	A	A		860				
Pepper	C	A	A		127				
3	*	*	*	Maize	C	-	-		140
				Sorghum	C	-	A		161
				Ginger	C	A	-		645
				Groundnut	C	A	A		112
				Vegetable	C	A	A		761
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 MA008

Code Number : MA008                      Name of Scheme : Melaka Pindah  
 State : Melaka                          District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 305              Off : 305  
 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	-		4,575
				Groundnut	C	A	A		796
				Vegetable	C	A	A		5,399
2	*	*	*	Durian/Mango	C	A	-	11.0	2,074
				Guava	C	A	-	3.1	7,320
				Banana	C	A	-	0.7	3,203
				Cashewnut	C	A	A		537
				Papaya	C	A	-		7,625
				Citrus	C	A	-		3,203
				Pineapple	C	A	-	0.5	7,320
				Coconut	A	-	A		1,336
				Oilpalm	C	A	A	0.9	5,856
				Cocoa	C	A	A	0.6	946
				<u>Rubber</u>	A	A	A	1.1	418
				Coffee	C	A	A		268
				Tea	C	A	A		397
				Clove	C	A	A		95
Tabacco	C	A	A		2,745				
Sugarcane	C	A	A		6,100				
Pepper	C	A	A		900				
3	*	*	*	Maize	C	-	-		991
				Sorghum	C	-	A		1,144
				Ginger	C	A	-		4,575
				Groundnut	C	A	A		796
				Vegetable	C	A	A		5,399
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 MA009

Code Number : MA009                      Name of Scheme : Melekek  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 28              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	-		420
				Groundnut	C	A	A		73
				Vegetable	C	A	A		496
2	*	*	*	Durian/Mango	C	A	A	11.0	190
				Guava	C	A	-	3.1	672
				Banana	C	A	A	0.7	294
				Cashewnut	C	A	A		49
				Papaya	C	A	-		700
				Citrus	C	A	-		294
				Pineapple	C	A	-	0.5	672
				Coconut	A	-	A		123
				Oilpalm	C	A	A	0.9	538
				Cocoa	C	A	A	0.6	87
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>38</u>
				Coffee	C	A	A		25
				Tea	C	A	A		36
				Clove	C	A	A		9
Tabacco	C	A	A		252				
Sugarcane	C	A	A		560				
Pepper	C	A	A		83				
3	*	*	*	Maize	C	-	-		91
				Sorghum	C	-	A		105
				Ginger	C	A	-		420
				Groundnut	C	A	A		73
				Vegetable	C	A	A		496
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 MA010

Code Number : MA010                      Name of Scheme : Masjid Tanah  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 184              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		2,760
				Groundnut	C	A	A		480
				Vegetable	C	A	A		3,257
2	*	*	*	Durian/Mango	C	A	-	11.0	1,251
				Guava	C	A	-	3.1	4,416
				Banana	C	A	-	0.7	1,932
				Cashewnut	C	A	A		324
				Papaya	C	A	-		4,600
				Citrus	C	A	-		1,932
				Pineapple	C	A	-	0.5	4,416
				Coconut	A	-	A		806
				Oilpalm	C	A	A	0.9	3,533
				Cocoa	C	A	A	0.6	570
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>252</u>
				Coffee	C	A	A		162
				Tea	C	A	A		239
				Clove	C	A	A		57
Tabacco	C	A	A		1,656				
Sugarcane	C	A	A		3,680				
Pepper	C	A	A		543				
3	*	*	*	Maize	C	-	-		598
				Sorghum	C	-	A		690
				Ginger	C	A	-		2,760
				Groundnut	C	A	A		480
				Vegetable	C	A	A		3,257
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 MA011

Code Number : MA011                      Name of Scheme : Parit Melana  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 39              Off : 27  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		585
				Groundnut	C	A	A		102
				Vegetable	C	A	A		690
2	*	*	*	Durian/Mango	C	A	A	11.0	265
				Guava	C	A	-	3.1	936
				Banana	C	A	A	0.7	410
				Cashewnut	C	A	A		69
				Papaya	C	A	-		975
				Citrus	C	A	-		410
				Pineapple	C	A	-	0.5	936
				Coconut	A	-	A		171
				Oilpalm	C	A	A	0.9	749
				Cocoa	C	A	A	0.6	121
				<u>Rubber</u>	A	A	A	1.1	53
				Coffee	C	A	A		34
				Tea	C	A	A		51
				Clove	C	A	A		12
Tabacco	C	A	A		351				
Sugarcane	C	A	A		780				
Pepper	C	A	A		115				
3	*	*	*	Maize	C	-	-		127
				Sorghum	C	-	A		146
				Ginger	C	A	-		585
				Groundnut	C	A	A		102
				Vegetable	C	A	A		690
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 MA012

Code Number : MA012                      Name of Scheme : Pdg. Sebang I&II  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 378              Off : 250  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		5,670
				Groundnut	C	A	A		987
				Vegetable	C	A	-		6,691
2	*	*	*	Durian/Mango	C	A	-	11.0	2,570
				Guava	C	A	-	3.1	9,072
				Banana	C	A	-	0.7	3,969
				Cashewnut	C	A	A		665
				Papaya	C	A	-		9,450
				Citrus	C	A	-		3,969
				Pineapple	C	A	-	0.5	9,072
				Coconut	A	-	A		1,656
				Oilpalm	C	A	A	0.9	7,258
				Cocoa	C	A	A	0.6	1,172
				<u>Rubber</u>	A	A	A	1.1	518
				Coffee	C	A	A		333
				Tea	C	A	A		491
				Clove	C	A	A		117
Tabacco	C	A	A		3,402				
Sugarcane	C	A	A		7,560				
Pepper	C	A	A		1,115				
3	*	*	*	Maize	C	-	-		1,229
				Sorghum	C	-	A		1,418
				Ginger	C	A	-		5,670
				Groundnut	C	A	A		987
				Vegetable	C	A	-		6,691
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 MA013

Code Number : MA013                      Name of Scheme : Rantau Panjang  
 State : Melaka                              District : Alor Gajah  
 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		84
				Vegetable	C	A	A		637
2	*	*	*	Durian/Mango	C	A	A	11.0	244
				Guava	C	A	-	3.1	864
				Banana	C	A	A	0.7	379
				Cashewnut	C	A	A		63
				Papaya	C	A	-		900
				Citrus	C	A	-		379
				Pineapple	C	A	-	0.5	864
				Coconut	A	-	A		158
				Oilpalm	C	A	A	0.9	692
				Cocoa	C	A	A	0.6	111
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>42</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	-	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 MA014

Code Number : MA014                      Name of Scheme : Ramuan China Besar  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 100              Off : 100  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	B	A	-	2.5	1,500
				Groundnut	A	A	A	0.9	261
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>1,770</u>
2	*	*	*	Durian/Mango	C	A	A	11.0	680
				Guava	C	A	-	3.1	2,400
				Banana	C	A	A	0.7	1,050
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>176</u>
				Papaya	B	A	-	0.6	2,500
				Citrus	B	A	-	2.9	1,050
				Pineapple	A	A	-	9.5	2,400
				Coconut	A	-	A		438
				Oilpalm	C	A	A	0.9	1,920
				Cocoa	C	A	A	0.6	310
				Rubber	B	A	A	0.6	137
				Sago	C	-	A		900
				Coffee	A	A	A	0.7	88
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>130</u>
				Clove	B	A	A	1.1	31
Tabacco	B	A	A	0.7	900				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>2,000</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>295</u>				
3	*	*	*	Maize	A	-	-		325
				Sorghum	A	-	A		375
				Ginger	B	A	-	2.5	1,500
				Groundnut	A	A	A	0.9	261
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>1,770</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA015

Code Number : MA015                      Name of Scheme : Ramuan China Kechil  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt

Irrigable area (ha)                      Main : 64                      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	B	A	-	2.5	960
				Groundnut	A	A	A	0.9	167
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>1,133</u>
2	*	*	*	Durian/Mango	C	A	A	11.0	435
				Guava	C	A	-	3.1	1,536
				Banana	C	A	A	0.7	672
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>113</u>
				Papaya	B	A	-	0.6	1,600
				Citrus	B	A	-	2.9	672
				Pineapple	A	A	-	9.5	1,536
				Coconut	A	-	A		280
				Oilpalm	C	A	A	0.9	1,229
				Cocoa	C	A	A	0.6	198
				Rubber	B	A	A	0.6	88
				Sago	C	-	A		576
				Coffee	A	A	A	0.7	56
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>83</u>
Clove	B	A	A	1.1	20				
Tabacco	B	A	A	0.7	576				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>1,280</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>189</u>				
3	*	*	*	Maize	A	-	-		208
				Sorghum	A	-	A		240
				Ginger	B	A	-	2.5	960
				Groundnut	A	A	A	0.9	167
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>1,133</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA016

Code Number : MA016                      Name of Scheme : Rembia  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 49              Off : 49  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		735
				Groundnut	C	A	A		128
				Vegetable	C	A	A		867
2	*	*	*	Durian/Mango	C	A	A	11.0	333
				Guava	C	A	-	3.1	1,176
				Banana	C	A	A	0.7	515
				Cashewnut	C	A	A		86
				Papaya	C	A	-		1,225
				Citrus	C	A	-		515
				Pineapple	C	A	-	0.5	1,176
				Coconut	A	-	A		215
				Oilpalm	C	A	A	0.9	941
				Cocoa	C	A	A	0.6	152
				<u>Rubber</u>	A	A	A	1.1	<u>67</u>
				Coffee	C	A	A		43
				Tea	C	A	A		64
				Clove	C	A	A		15
Tabacco	C	A	A		441				
Sugarcane	C	A	A		980				
Pepper	C	A	A		145				
3	*	*	*	Maize	C	-	-		159
				Sorghum	C	-	A		184
				Ginger	C	A	-		735
				Groundnut	C	A	A		128
				Vegetable	C	A	A		867
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 MA017

Code Number : MA017                      Name of Scheme : Solok Melaka Pindah  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)                      Main : 24                      Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		360
				Groundnut	C	A	A		63
				Vegetable	C	A	A		425
2	*	*	*	Durian/Mango	C	A	A	11.0	163
				Guava	C	A	-	3.1	576
				Banana	C	A	A	0.7	252
				Cashewnut	C	A	A		42
				Papaya	C	A	-		600
				Citrus	C	A	-		252
				Pineapple	C	A	-	0.5	576
				Coconut	A	-	A		105
				Oilpalm	C	A	A	0.9	461
				Cocoa	C	A	A	0.6	74
				<u>Rubber</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>1.1</u>	<u>33</u>
				Coffee	C	A	A		21
				Tea	C	A	A		31
				Clove	C	A	A		7
Tabacco	C	A	A		216				
Sugarcane	C	A	A		480				
Pepper	C	A	A		71				
3	*	*	*	Maize	C	-	-		78
				Sorghum	C	-	A		90
				Ginger	C	A	-		360
				Groundnut	C	A	A		63
				Vegetable	C	A	A		425
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 MA018

Code Number : MA018                      Name of Scheme : Solok Jementang  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 58              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		870
				Groundnut	C	A	A		151
				Vegetable	C	A	A		1,027
2	*	*	*	Durian/Mango	C	A	A	11.0	394
				Guava	C	A	-	3.1	1,392
				Banana	C	A	A	0.7	609
				Cashewnut	C	A	A		102
				Papaya	C	A	-		1,450
				Citrus	C	A	-		609
				Pineapple	C	A	-	0.5	1,392
				Coconut	A	-	A		254
				Oilpalm	C	A	A	0.9	1,114
				Cocoa	C	A	A	0.6	180
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>72</u>
				Coffee	C	A	A		51
				Tea	C	A	A		75
				Clove	C	A	A		18
Tabacco	C	A	A		522				
Sugarcane	C	A	A		1,160				
Pepper	C	A	A		171				
3	*	*	*	Maize	C	-	-		189
				Sorghum	C	-	A		218
				Ginger	C	A	-		870
				Groundnut	C	A	A		151
				Vegetable	C	A	A		1,027
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 MA019

Code Number : MA019                      Name of Scheme : Simpang Empat  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 265              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		3,975
				Groundnut	C	A	A		692
				Vegetable	C	A	A		4,691
2	*	*	*	Durian/Mango	C	A	-	11.0	1,802
				Guava	C	A	-	3.1	6,360
				Banana	C	A	-	0.7	2,783
				Cashewnut	C	A	A		466
				Papaya	C	A	-		6,625
				Citrus	C	A	-		2,783
				Pineapple	C	A	-	0.5	6,360
				Coconut	A	-	A		1,161
				Oilpalm	C	A	A	0.9	5,088
				Cocoa	C	A	A	0.6	822
				<u>Rubber</u>	A	A	A	1.1	363
				Coffee	C	A	A		233
				Tea	C	A	A		345
				Clove	C	A	A		82
Tabacco	C	A	A		2,385				
Sugarcane	C	A	A		5,300				
Pepper	C	A	A		782				
3	*	*	*	Maize	C	-	-		861
				Sorghum	C	-	A		994
				Ginger	C	A	-		3,975
				Groundnut	C	A	A		692
				Vegetable	C	A	A		4,691
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 MA020

Code Number : MA020                      Name of Scheme : Solok Kemus  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 20              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		300
				Groundnut	C	A	A		52
				Vegetable	C	A	A		354
2	*	*	*	Durian/Mango	C	A	A	11.0	136
				Guava	C	A	-	3.1	480
				Banana	C	A	A	0.7	210
				Cashewnut	C	A	A		35
				Papaya	C	A	-		500
				Citrus	C	A	-		210
				Pineapple	C	A	-	0.5	480
				Coconut	A	-	A		88
				Oilpalm	C	A	A	0.9	384
				Cocoa	C	A	A	0.6	62
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>27</u>
				Coffee	C	A	A		18
				Tea	C	A	A		26
				Clove	C	A	A		6
Tabacco	C	A	A		180				
Sugarcane	C	A	A		400				
Pepper	C	A	A		59				
3	*	*	*	Maize	C	-	-		65
				Sorghum	C	-	A		75
				Ginger	C	A	-		300
				Groundnut	C	A	A		52
				Vegetable	C	A	A		354
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 MA021

Code Number : MA021                      Name of Scheme : Solok Pdg. Keladi  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 22              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		330
				Groundnut	C	A	A		57
				Vegetable	C	A	A		389
2	*	*	*	Durian/Mango	C	A	A	11.0	150
				Guava	C	A	-	3.1	528
				Banana	C	A	A	0.7	231
				Cashewnut	C	A	A		39
				Papaya	C	A	-		550
				Citrus	C	A	-		231
				Pineapple	C	A	-	0.5	528
				Coconut	A	-	A		96
				Oilpalm	C	A	A	0.9	422
				Cocoa	C	A	A	0.6	68
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>30</u>
				Coffee	C	A	A		19
				Tea	C	A	A		29
				Clove	C	A	A		7
Tabacco	C	A	A		198				
Sugarcane	C	A	A		440				
Pepper	C	A	A		65				
3	*	*	*	Maize	C	-	-		72
				Sorghum	C	-	A		83
				Ginger	C	A	-		330
				Groundnut	C	A	A		57
				Vegetable	C	A	A		389
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 MA022

Code Number : MA022                      Name of Scheme : Solok Duku  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 86              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	224
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>1,522</u>
2	*	*	*	Guava	C	A	-	3.1	2,064
				Banana	C	A	A	0.7	903
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>151</u>
				Citrus	C	A	-		903
				Pineapple	A	A	-	9.5	2,064
				Coconut	C	-	A		377
				Oilpalm	C	A	A	0.9	1,651
				Cocoa	C	A	A	0.6	267
				Rubber	C	A	A		118
				Sago	C	-	A		774
				Coffee	A	A	A	0.7	76
				Tea	C	A	A		112
				Clove	C	A	A		27
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>1,720</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>254</u>				
3	*	*	*	Maize	A	-	-		280
				Sorghum	A	-	A		323
				Groundnut	A	A	A	0.9	224
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>1,522</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA023

Code Number : MA023                      Name of Scheme : Sg. Baru Ilir  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Limited to single cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 542              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	1,415
				Vegetable	A	A	-	13.8	9,593
2	*	*	*	Guava	C	A	-	3.1	13,008
				Banana	C	A	-	0.7	5,691
				<u>Cashewnut</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>8.7</u>	<u>954</u>
				Citrus	C	A	-		5,691
				Pineapple	A	A	-	9.5	13,008
				Coconut	C	-	A		2,374
				Oilpalm	C	A	A	0.9	10,406
				Cocoa	C	A	A	0.6	1,680
				Rubber	C	A	A		743
				Sago	C	-	A		4,878
				Coffee	A	A	A	0.7	477
				Tea	C	A	A		705
				Clove	C	A	A		168
<u>Sugarcane</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>3.3</u>	<u>10,840</u>				
<u>Pepper</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>16.4</u>	<u>1,599</u>				
3	*	*	*	Maize	A	-	-		1,762
				Sorghum	A	-	A		2,033
				Groundnut	A	A	A	0.9	1,415
				Vegetable	A	A	-	13.8	9,593
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA024

Code Number : MA024                      Name of Scheme : Sg. Siput  
 State : Melaka                          District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 138              Off : 138  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	B	A	-	2.5	2,070
				Groundnut	A	A	A	0.9	360
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>2,443</u>
2	*	*	*	Durian/Mango	C	A	-	11.0	938
				Guava	C	A	-	3.1	3,312
				Banana	C	A	A	0.7	1,449
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>243</u>
				Papaya	B	A	-	0.6	3,450
				Citrus	B	A	-	2.9	1,449
				Pineapple	A	A	-	9.5	3,312
				Coconut	A	-	A		604
				Oilpalm	C	A	A	0.9	2,650
				Cocoa	C	A	A	0.6	428
				Rubber	B	A	A	0.6	189
				Sago	C	-	A		1,242
				Coffee	A	A	A	0.7	121
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>179</u>
				Clove	B	A	A	1.1	43
Tabacco	B	A	A	0.7	1,242				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>2,760</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>407</u>				
3	*	*	*	Maize	A	-	-		449
				Sorghum	A	-	A		518
				Ginger	B	A	-	2.5	2,070
				Groundnut	A	A	A	0.9	360
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>2,443</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA025

Code Number : MA025                      Name of Scheme : Sg. Buloh  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 30              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	-		450
				Groundnut	C	A	A		78
				Vegetable	C	A	A		531
2	*	*	*	Durian/Mango	C	A	A	11.0	204
				Guava	C	A	-	3.1	720
				Banana	C	A	A	0.7	315
				Cashewnut	C	A	A		53
				Papaya	C	A	-		750
				Citrus	C	A	-		315
				Pineapple	C	A	-	0.5	720
				Coconut	A	-	A		131
				Oilpalm	C	A	A	0.9	576
				Cocoa	C	A	A	0.6	93
				<u>Rubber</u>	A	A	A	1.1	41
				Coffee	C	A	A		26
				Tea	C	A	A		39
				Clove	C	A	A		9
Tabacco	C	A	A		270				
Sugarcane	C	A	A		600				
Pepper	C	A	A		89				
3	*	*	*	Maize	C	-	-		98
				Sorghum	C	-	A		113
				Ginger	C	A	-		450
				Groundnut	C	A	A		78
				Vegetable	C	A	A		531
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 MA026

Code Number : MA026                      Name of Scheme : Tanjong Bidara  
 State : Melaka                              District : Alor Gajah  
 Type of Scheme : Gravity  
 Water source : Limited to single cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 180              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	B	A	-	2.5	2,700
				Groundnut	A	A	A	0.9	470
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>3,186</u>
2	*	*	*	Durian/Mango	C	A	-	11.0	1,224
				Guava	C	A	-	3.1	4,320
				Banana	C	A	-	0.7	1,890
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>317</u>
				Papaya	B	A	-	0.6	4,500
				Citrus	B	A	-	2.9	1,890
				Pineapple	A	A	-	9.5	4,320
				Coconut	A	-	A		788
				Oilpalm	C	A	A	0.9	3,456
				Cocoa	C	A	A	0.6	558
				Rubber	B	A	A	0.6	247
				Sago	C	-	A		1,620
				Coffee	A	A	A	0.7	158
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>234</u>
				Clove	B	A	A	1.1	56
Tabacco	B	A	A	0.7	1,620				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>3,600</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>531</u>				
3	*	*	*	Maize	A	-	-		585
				Sorghum	A	-	A		675
				Ginger	B	A	-	2.5	2,700
				Groundnut	A	A	A	0.9	470
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>3,186</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA027

Code Number : MA027                      Name of Scheme : Bachang  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Pump  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 140              Off : 140  
 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	*	*	*	Groundnut	A	A	A	0.9	365
				Vegetable	A	A	-	13.8	2,478
2	*	*	*	Guava	C	A	-	3.1	3,360
				Banana	C	A	-	0.7	1,470
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>246</u>
				Citrus	C	A	-		1,470
				Pineapple	A	A	-	9.5	3,360
				Coconut	C	-	A		613
				Oilpalm	C	A	A	0.9	2,688
				Cocoa	C	A	A	0.6	434
				Rubber	C	A	A		192
				Sago	C	-	A		1,260
				Coffee	A	A	A	0.7	123
				Tea	C	A	A		182
Clove	C	A	A		43				
				<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>2,800</u>
				<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>413</u>
3	*	*	*	Maize	A	-	-		455
				Sorghum	A	-	A		525
				Groundnut	A	A	A	0.9	365
				Vegetable	A	A	-	13.8	2,478
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA028

Code Number : MA028                      Name of Scheme : Bt. Berendam  
 State : Melaka                              District : Malacca Central/AG.  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 27              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	B	A	-	2.5	405
				Groundnut	A	A	A	0.9	70
				Vegetable	A	A	-	13.8	478
2	*	*	*	Durian/Mango	C	A	-	11.0	184
				Guava	C	A	-	3.1	648
				Banana	C	A	-	0.7	284
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>48</u>
				Papaya	B	A	-	0.6	675
				Citrus	B	A	-	2.9	284
				Pineapple	A	A	-	9.5	648
				Coconut	A	-	A		118
				Oilpalm	C	A	A	0.9	518
				Cocoa	C	A	A	0.6	84
				Rubber	B	A	A	0.6	37
				Sago	C	-	A		243
				Coffee	A	A	A	0.7	24
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>35</u>
Clove	B	A	A	1.1	8				
Tabacco	B	A	A	0.7	243				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>540</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>80</u>				
3	*	*	*	Maize	A	-	-		88
				Sorghum	A	-	A		101
				Ginger	B	A	-	2.5	405
				Groundnut	A	A	A	0.9	70
				Vegetable	A	A	-	13.8	478
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA029

Code Number : MA029                      Name of Scheme : Durian Tunggal  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Controlled drainage  
 Water source : Limited to single cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 66              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Idle

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	B	A	-	2.5	990
				Groundnut	A	A	A	0.9	172
				Vegetable	A	A	-	13.8	1,168
2	*	*	*	Durian/Mango	C	A	-	11.0	449
				Guava	C	A	-	3.1	1,584
				Banana	C	A	-	0.7	693
				<u>Cashewnut</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>8.7</u>	<u>116</u>
				Papaya	B	A	-	0.6	1,650
				Citrus	B	A	-	2.9	693
				Pineapple	A	A	-	9.5	1,584
				Coconut	A	-	A		289
				Oilpalm	C	A	A	0.9	1,267
				Cocoa	C	A	A	0.6	205
				Rubber	B	A	A	0.6	90
				Sago	C	-	A		594
				Coffee	A	A	A	0.7	58
				<u>Tea</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>10.4</u>	<u>86</u>
Clove	B	A	A	1.1	20				
Tabacco	B	A	A	0.7	594				
<u>Sugarcane</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>3.3</u>	<u>1,320</u>				
<u>Pepper</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>16.4</u>	<u>195</u>				
3	*	*	*	Maize	A	-	-		215
				Sorghum	A	-	A		248
				Ginger	B	A	-	2.5	990
				Groundnut	A	A	A	0.9	172
				Vegetable	A	A	-	13.8	1,168
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA030

Code Number : MA030                      Name of Scheme : Duyong  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 544              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	1,420
				Vegetable	A	A	-	13.8	9,629
2	*	*	*	Guava	C	A	-	3.1	13,056
				Banana	C	A	-	0.7	5,712
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>957</u>
				Citrus	C	A	-		5,712
				Pineapple	A	A	-	9.5	13,056
				Coconut	C	-	A		2,383
				Oilpalm	C	A	A	0.9	10,445
				Cocoa	C	A	A	0.6	1,686
				Rubber	C	A	A		745
				Sago	C	-	A		4,896
				Coffee	A	A	A	0.7	479
				Tea	C	A	A		707
				Clove	C	A	A		169
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>10,880</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>1,605</u>				
3	*	*	*	Maize	A	-	-		1,768
				Sorghum	A	-	A		2,040
				Groundnut	A	A	A	0.9	1,420
				Vegetable	A	A	-	13.8	9,629
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA031

Code Number : MA031                      Name of Scheme : Parit China  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Limited to single cropping  
 Soil series : 2dt(a)

Irrigable area (ha)                      Main : 392                      Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	1,023
				Vegetable	A	A	-	13.8	6,938
2	*	*	*	Guava	C	A	-	3.1	9,408
				Banana	C	A	-	0.7	4,116
				<u>Cashewnut</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>8.7</u>	<u>690</u>
				Citrus	C	A	-		4,116
				Pineapple	A	A	-	9.5	9,408
				Coconut	C	-	A		1,717
				Oilpalm	C	A	A	0.9	7,526
				Cocoa	C	A	A	0.6	1,215
				Rubber	C	A	A		537
				Sago	C	-	A		3,528
				Coffee	A	A	A	0.7	345
				Tea	C	A	A		510
Clove	C	A	A		122				
				<u>Sugarcane</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>3.3</u>	<u>7,840</u>
				<u>Pepper</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>16.4</u>	<u>1,156</u>
3	*	*	*	Maize	A	-	-		1,274
				Sorghum	A	-	A		1,470
				Groundnut	A	A	A	0.9	1,023
				Vegetable	A	A	-	13.8	6,938
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA032

Code Number : MA032                      Name of Scheme : Paya Rumput Alor Gajah  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 64              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	167
				Vegetable	A	A	-	13.8	1,133
2	*	*	*	Guava	C	A	-	3.1	1,536
				Banana	C	A	-	0.7	672
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>113</u>
				Citrus	C	A	-		672
				Pineapple	A	A	-	9.5	1,536
				Coconut	C	-	A		280
				Oilpalm	C	A	A	0.9	1,229
				Cocoa	C	A	A	0.6	198
				Rubber	C	A	A		88
				Sago	C	-	A		576
				Coffee	A	A	A	0.7	56
				Tea	C	A	A		83
Clove	C	A	A		20				
				<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>1,280</u>
				<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>189</u>
3	*	*	*	Maize	A	-	-		208
				Sorghum	A	-	A		240
				Groundnut	A	A	A	0.9	167
				Vegetable	A	A	-	13.8	1,133
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA033

Code Number : MA033                      Name of Scheme : Paya Rumput Sg. Udang  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 33              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	*	*	*	Groundnut	A	A	A	0.9	86
				Vegetable	A	A	-	13.8	584
2	*	*	*	Guava	C	A	-	3.1	792
				Banana	C	A	-	0.7	347
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>58</u>
				Citrus	C	A	-		347
				Pineapple	A	A	-	9.5	792
				Coconut	C	-	A		145
				Oilpalm	C	A	A	0.9	634
				Cocoa	C	A	A	0.6	102
				Rubber	C	A	A		45
				Sago	C	-	A		297
				Coffee	A	A	A	0.7	29
				Tea	C	A	A		43
Clove	C	A	A		10				
				<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>660</u>
				<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>97</u>
3	*	*	*	Maize	A	-	-		107
				Sorghum	A	-	A		124
				Groundnut	A	A	A	0.9	86
				Vegetable	A	A	-	13.8	584
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA034

Code Number : MA034                      Name of Scheme : Sg. Putat  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 52              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	136
				Vegetable	A	A	-	13.8	920
2	*	*	*	Guava	C	A	-	3.1	1,248
				Banana	C	A	-	0.7	546
				<u>Cashewnut</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>8.7</u>	<u>92</u>
				Citrus	C	A	-		546
				Pineapple	A	A	-	9.5	1,248
				Coconut	C	-	A		228
				Oilpalm	C	A	A	0.9	998
				Cocoa	C	A	A	0.6	161
				Rubber	C	A	A		71
				Sago	C	-	A		468
				Coffee	A	A	A	0.7	46
				Tea	C	A	A		68
				Clove	C	A	A		16
				<u>Sugarcane</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>3.3</u>	<u>1,040</u>
				<u>Pepper</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>16.4</u>	<u>153</u>
3	*	*	*	Maize	A	-	-		169
				Sorghum	A	-	A		195
				Groundnut	A	A	A	0.9	136
				Vegetable	A	A	-	13.8	920
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA035

Code Number : MA035                      Name of Scheme : Sg. Udang  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 84              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	*	*	*	Groundnut	A	A	A	0.9	219
				Vegetable	A	A	-	13.8	1,487
2	*	*	*	Guava	C	A	-	3.1	2,016
				Banana	C	A	-	0.7	882
				<u>Cashewnut</u>	A	A	A	<u>8.2</u>	<u>148</u>
				Citrus	C	A	-		882
				Pineapple	A	A	-	9.5	2,016
				Coconut	C	-	A		368
				Oilpalm	C	A	A	0.9	1,613
				Cocoa	C	A	A	0.6	260
				Rubber	C	A	A		115
				Sago	C	-	A		756
				Coffee	A	A	A	0.7	74
				Tea	C	A	A		109
				Clove	C	A	A		26
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>1,680</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>248</u>				
3	*	*	*	Maize	A	-	-		273
				Sorghum	A	-	A		315
				Groundnut	A	A	A	0.9	219
				Vegetable	A	A	-	13.8	1,487
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA036

Code Number : MA036                      Name of Scheme : Tangga Batu  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 263              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	686
				Vegetable	A	A	-	13.8	4,655
2	*	*	*	Guava	C	A	-	3.1	6,312
				Banana	C	A	-	0.7	2,762
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>463</u>
				Citrus	C	A	-		2,762
				Pineapple	A	A	-	9.5	6,312
				Coconut	C	-	A		1,152
				Oilpalm	C	A	A	0.9	5,050
				Cocoa	C	A	A	0.6	815
				Rubber	C	A	A		360
				Sago	C	-	A		2,367
				Coffee	A	A	A	0.7	231
				Tea	C	A	A		342
				Clove	C	A	A		82
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>5,260</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>776</u>				
3	*	*	*	Maize	A	-	-		855
				Sorghum	A	-	A		986
				Groundnut	A	A	A	0.9	686
				Vegetable	A	A	-	13.8	4,655
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA037

Code Number : MA037                      Name of Scheme : Tg. Minyak  
 State : Melaka                              District : Malacca Central  
 Type of Scheme : Gravity  
 Water source : Insufficient for main season paddy  
 Soil series : 2dt(a)

Irrigable area (ha)              Main : 814              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	*	*	*	Groundnut	A	A	A	0.9	2,125
				Vegetable	A	A	-	13.8	14,408
2	*	*	*	Guava	C	A	-	3.1	19,536
				Banana	C	A	-	0.7	8,547
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>1,433</u>
				Citrus	C	A	-		8,547
				Pineapple	A	A	-	9.5	19,536
				Coconut	C	-	A		3,565
				Oilpalm	C	A	A	0.9	15,629
				Cocoa	C	A	A	0.6	2,523
				Rubber	C	A	A		1,115
				Sago	C	-	A		7,326
				Coffee	A	A	A	0.7	716
				Tea	C	A	A		1,058
				Clove	C	A	A		252
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>16,280</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>2,401</u>				
3									
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA038

Code Number : MA038                      Name of Scheme : Air Panas  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 80              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	-		1,200
				Groundnut	C	A	A		209
				Vegetable	C	A	A		1,416
2	*	*	*	Durian/Mango	C	A	A	11.0	544
				Guava	C	A	-	3.1	1,920
				Banana	C	A	-	0.7	840
				Cashewnut	C	A	A		141
				Papaya	C	A	-		2,000
				Citrus	C	A	-		840
				Pineapple	C	A	-	0.5	1,920
				Coconut	A	-	A		350
				Oilpalm	C	A	A	0.9	1,536
				Cocoa	C	A	A	0.6	248
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>110</u>
				Coffee	C	A	A		70
				Tea	C	A	A		104
				Clove	C	A	A		25
Tabacco	C	A	A		720				
Sugarcane	C	A	A		1,600				
Pepper	C	A	A		236				
3	*	*	*	Maize	C	-	-		260
				Sorghum	C	-	A		300
				Ginger	C	A	-		1,200
				Groundnut	C	A	A		209
				Vegetable	C	A	A		1,416
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 MA039

Code Number : MA039                      Name of Scheme : Bkt Senggeh  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 12              Off : 15  
 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	-		225
				Groundnut	C	A	A		39
				Vegetable	C	A	A		266
2	*	*	*	Durian/Mango	C	A	A	11.0	102
				Guava	C	A	-	3.1	360
				Banana	C	A	A	0.7	158
				Cashewnut	C	A	A		26
				Papaya	C	A	-		375
				Citrus	C	A	A		158
				Pineapple	C	A	-	0.5	360
				Coconut	A	-	A		66
				Oilpalm	C	A	A	0.9	288
				Cocoa	C	A	A	0.6	47
				<u>Rubber</u>	A	A	A	1.1	21
				Coffee	C	A	A		13
				Tea	C	A	A		20
				Clove	C	A	A		5
Tabacco	C	A	A		135				
Sugarcane	C	A	A		300				
Pepper	C	A	A		44				
3	*	*	*	Maize	C	-	-		49
				Sorghum	C	-	A		56
				Ginger	C	A	-		225
				Groundnut	C	A	A		39
				Vegetable	C	A	A		266
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 MA040

Code Number : MA040                      Name of Scheme : Chabau  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 20              Off : 20  
 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	B	A	-	2.5	300
				Groundnut	A	A	A	0.9	52
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>354</u>
2	*	*	*	Durian/Mango	C	A	A	11.0	136
				Guava	C	A	-	3.1	480
				Banana	C	A	A	0.7	210
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>35</u>
				Papaya	B	A	-	0.6	500
				Citrus	B	A	A	2.9	210
				Pineapple	A	A	-	9.5	480
				Coconut	A	-	A	-	88
				Oilpalm	C	A	A	0.9	384
				Cocoa	C	A	A	0.6	62
				Rubber	B	A	A	0.6	27
				Sago	C	-	A	-	180
				Coffee	A	A	A	0.7	18
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>26</u>
Clove	B	A	A	1.1	6				
Tabacco	B	A	A	0.7	180				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>400</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>59</u>				
3	*	*	*	Malze	A	-	-	-	65
				Sorghum	A	-	A	-	75
				Ginger	B	A	-	2.5	300
				Groundnut	A	A	A	0.9	52
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>354</u>
4	*	*	*	Fodder grasses	A	-	A	-	-
				Pasture	A	-	A	-	-
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA041

Code Number : MA041                      Name of Scheme : Chohong  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 174              Off : 98  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		2,610
				Groundnut	C	A	A		454
				Vegetable	C	A	A		3,080
2	*	*	*	Durian/Mango	C	A	-	11.0	1,183
				Guava	C	A	-	3.1	4,176
				Banana	C	A	-	0.7	1,827
				Cashewnut	C	A	A		306
				Papaya	C	A	-		4,350
				Citrus	C	A	-		1,827
				Pineapple	C	A	-	0.5	4,176
				Coconut	A	-	A		762
				Oilpalm	C	A	A	0.9	3,341
				Cocoa	C	A	A	0.6	539
				<u>Rubber</u>	A	A	A	1.1	238
				Coffee	C	A	A		153
				Tea	C	A	A		226
				Clove	C	A	A		54
Tabacco	C	A	A		1,566				
Sugarcane	C	A	A		3,480				
Pepper	C	A	A		513				
3	*	*	*	Maize	C	-	-		566
				Sorghum	C	-	A		653
				<u>Ginger</u>	C	A	-		2,610
				Groundnut	C	A	A		454
				Vegetable	C	A	A		3,080
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 MA042

Code Number : MA042                      Name of Scheme : Jasin I&II  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 661              Off : 661  
 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	-		9,915
				Groundnut	C	A	A		1,725
				Vegetable	C	A	-		11,700
2	*	*	*	Durian/Mango	C	A	-	11.0	4,495
				Guava	C	A	-	3.1	15,864
				Banana	C	A	-	0.7	6,941
				Cashewnut	C	A	A		1,163
				Papaya	C	A	-		16,525
				Citrus	C	A	-		6,941
				Pineapple	C	A	-	0.5	15,864
				Coconut	A	-	A		2,895
				Oilpalm	C	A	A	0.9	12,691
				Cocoa	C	A	A	0.6	2,049
				<u>Rubber</u>	A	A	A	1.1	<u>906</u>
				Coffee	C	A	A		582
				Tea	C	A	A		859
				Clove	C	A	A		205
Tabacco	C	A	A		5,949				
Sugarcane	C	A	A		13,220				
Pepper	C	A	A		1,950				
3	*	*	*	Maize	C	-	-		2,148
				Sorghum	C	-	A		2,479
				Ginger	C	A	-		9,915
				Groundnut	C	A	A		1,725
				Vegetable	C	A	-		11,700
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 MA043

Code Number : MA043                      Name of Scheme : Kemengkang  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Soil series : 2Dt

Irrigable area (ha)              Main : 12              Off : 12  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Converted to other crops

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		180
				Groundnut	C	A	A		31
				Vegetable	C	A	A		212
2	*	*	*	Durian/Mango	C	A	A	11.0	82
				Guava	C	A	-	3.1	288
				Banana	C	A	A	0.7	126
				Cashewnut	C	A	A		21
				Papaya	C	A	-		300
				Citrus	C	A	A		126
				Pineapple	C	A	A	0.5	288
				Coconut	A	-	A		53
				Oilpalm	C	A	A	0.9	230
				Cocoa	C	A	A	0.6	37
				<u>Rubber</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>1.1</u>	<u>16</u>
				Coffee	C	A	A		11
				Tea	C	A	A		16
				Clove	C	A	A		4
				Tabacco	C	A	A		108
Sugarcane	C	A	A		240				
Pepper	C	A	A		35				
3	*	*	*	Maize	C	-	-		39
				Sorghum	C	-	A		45
				Ginger	C	A	-		180
				Groundnut	C	A	A		31
				Vegetable	C	A	A		212
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 MA044

Code Number : MA044                      Name of Scheme : Lembah Nyalas  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 87              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		1,305
				Groundnut	C	A	A		227
				Vegetable	C	A	A		1,540
2	*	*	*	Durian/Mango	C	A	A	11.0	592
				Guava	C	A	-	3.1	2,088
				Banana	C	A	-	0.7	914
				Cashewnut	C	A	A		153
				Papaya	C	A	-		2,175
				Citrus	C	A	-		914
				Pineapple	C	A	-	0.5	2,088
				Coconut	A	-	A		381
				Oilpalm	C	A	A	0.9	1,670
				Cocoa	C	A	A	0.6	270
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>119</u>
				Coffee	C	A	A		77
				Tea	C	A	A		113
				Clove	C	A	A		27
Tabacco	C	A	A		783				
Sugarcane	C	A	A		1,740				
Pepper	C	A	A		257				
3	*	*	*	Maize	C	-	-		283
				Sorghum	C	-	A		326
				Ginger	C	A	-		1,305
				Groundnut	C	A	A		227
				Vegetable	C	A	A		1,540
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 MA045

Code Number : MA045                      Name of Scheme : Lubok Buaya  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2dt

Irrigable area (ha)              Main : 43              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	B	A	-	2.5	645
				Groundnut	A	A	A	0.9	112
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>761</u>
2	*	*	*	Durian/Mango	C	A	A	11.0	292
				Guava	C	A	-	3.1	1,032
				Banana	C	A	A	0.7	452
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>76</u>
				Papaya	B	A	-	0.6	1,075
				Citrus	B	A	-	2.9	452
				Pineapple	A	A	-	9.5	1,032
				Coconut	A	-	A		188
				Oilpalm	C	A	A	0.9	826
				Cocoa	C	A	A	0.6	133
				Rubber	B	A	A	0.6	59
				Sago	C	-	A		387
				Coffee	A	A	A	0.7	38
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>56</u>
Clove	B	A	A	1.1	13				
Tabacco	B	A	A	0.7	387				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>860</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>127</u>				
3	*	*	*	Maize	A	-	-		140
				Sorghum	A	-	A		161
				Ginger	B	A	-	2.5	645
				Groundnut	A	A	A	0.9	112
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>761</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5	*	*	*			A	-	2.0	
6	*	*	*		A	A	A		
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 MA046

Code Number : MA046                      Name of Scheme : Merlimau  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Limited to single cropping  
 Soil series : 2dt (a)

Irrigable area (ha)              Main : 152              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	*	*	*	Groundnut	A	A	A	0.9	397
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>2,690</u>
2	*	*	*	Guava	C	A	-	3.1	3,648
				Banana	C	A	-	0.7	1,596
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>268</u>
				Citrus	C	A	-		1,596
				Pineapple	C	A	-	9.5	3,648
				Coconut	C	-	A		666
				Oilpalm	C	A	A	0.9	2,918
				Cocoa	C	A	A	0.6	471
				Rubber	C	A	A		208
				Sago	C	-	A		1,368
				Coffee	A	A	A	0.7	134
				Tea	C	A	A		198
				Clove	C	A	A		47
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>3,040</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>448</u>				
3	*	*	*	Maize	A	-	-		494
				Sorghum	A	-	A		570
				Groundnut	A	A	A	0.9	397
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>2,690</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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 MA047

Code Number : MA047                      Name of Scheme : Nyalas Gapis  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 52              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		780
				Groundnut	C	A	A		136
				Vegetable	C	A	A		920
2	*	*	*	Durian/Mango	C	A	A	11.0	354
				Guava	C	A	-	3.1	1,248
				Banana	C	A	A	0.7	546
				Cashewnut	C	A	A		92
				Papaya	C	A	-		1,300
				Citrus	C	A	-		546
				Pineapple	C	A	-	0.5	1,248
				Coconut	A	-	A		228
				Oilpalm	C	A	A	0.9	998
				Cocoa	C	A	A	0.6	161
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>71</u>
				Coffee	C	A	A		46
				Tea	C	A	A		68
				Clove	C	A	A		16
Tabacco	C	A	A		468				
Sugarcane	C	A	A		1,040				
Pepper	C	A	A		153				
3	*	*	*	Maize	C	-	-		169
				Sorghum	C	-	A		195
				Ginger	C	A	-		780
				Groundnut	C	A	A		136
				Vegetable	C	A	A		920
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 MA048

Code Number : MA048                      Name of Scheme : Parit Keliling  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Soil series : 2Dt

Irrigable area (ha)              Main : 40              Off : 40  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		600
				Groundnut	C	A	A		104
				Vegetable	C	A	A		708
2	*	*	*	Durian/Mango	C	A	A	11.0	272
				Guava	C	A	-	3.1	960
				Banana	C	A	A	0.7	420
				Cashewnut	C	A	A		70
				Papaya	C	A	-		1,000
				Citrus	C	A	-		420
				Pineapple	C	A	-	0.5	960
				Coconut	A	-	A		175
				Oilpalm	C	A	A	0.9	768
				Cocoa	C	A	A	0.6	124
				<u>Rubber</u>	A	A	A	1.1	55
				Coffee	C	A	A		35
				Tea	C	A	A		52
				Clove	C	A	A		12
				Tabacco	C	A	A		360
Sugarcane	C	A	A		800				
Pepper	C	A	A		118				
3	*	*	*	Maize	C	-	-		130
				Sorghum	C	-	A		150
				Ginger	C	A	-		600
				Groundnut	C	A	A		104
				Vegetable	C	A	A		708
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 MA049

Code Number : MA049                      Name of Scheme : Selandar I&II  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2DT

Irrigable area (ha)                      Main : 102                      Off : 102  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years : Less 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	-		1,530
				Groundnut	C	A	A		266
				Vegetable	C	A	A		1,805
2	*	*	*	Durian/Mango	C	A	A	11.0	694
				Guava	C	A	-	3.1	2,448
				Banana	C	A	-	0.7	1,071
				Cashewnut	C	A	A		180
				Papaya	C	A	-		2,550
				Citrus	C	A	-		1,071
				Pineapple	C	A	-	0.5	2,448
				Coconut	A	-	A		447
				Oilpalm	C	A	A	0.9	1,958
				Cocoa	C	A	A	0.6	316
				<u>Rubber</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>1.1</u>	<u>140</u>
				Coffee	C	A	A		90
				Tea	C	A	A		133
				Clove	C	A	A		32
Tabacco	C	A	A		918				
Sugercane	C	A	A		2,040				
Pepper	C	A	A		301				
3	*	*	*	Maize	C	-	-		332
				Sorghum	C	-	A		383
				Ginger	C	A	-		1,530
				Groundnut	C	A	A		266
				Vegetable	C	A	A		1,805
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 MA050

Code Number : MA050                      Name of Scheme : Sempang Asahan  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 56              Off : 0  
 Trafficability of farm Machinery : Good  
 Paddy planting for last 3 years :

Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	C	A	-		840
				Groundnut	C	A	A		146
				Vegetable	C	A	A		991
2	*	*	*	Durian/Mango	C	A	A	11.0	381
				Guava	C	A	-	3.1	1,344
				Banana	C	A	A	0.7	588
				Cashewnut	C	A	A		99
				Papaya	C	A	-		1,400
				Citrus	C	A	-		588
				Pineapple	C	A	-	0.5	1,344
				Coconut	A	-	A		245
				Oilpalm	C	A	A	0.9	1,075
				Cocoa	C	A	A	0.6	174
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>77</u>
				Coffee	C	A	A		49
				Tea	C	A	A		73
				Clove	C	A	A		17
Tabacco	C	A	A		504				
Sugarcane	C	A	A		1,120				
Pepper	C	A	A		165				
3	*	*	*	Maize	C	-	-		182
				Sorghum	C	-	A		210
				Ginger	C	A	-		840
				Groundnut	C	A	A		146
				Vegetable	C	A	A		991
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 MA051

Code Number : MA051                      Name of Scheme : Sempang Rim  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 3D(T)

Irrigable area (ha)              Main : 12              Off : 12  
 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	*	*	*	Vegetable	C	A	A		212
2	*	*	*	Cashewnut	C	A	A		21
				Coconut	C	-	A		53
3	*	*	*	Vegetable	C	A	A		212
4	*	*	*						
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 MA052

Code Number : MA052                      Name of Scheme : Tambak Merlang  
 State : Melaka                              District : Jasin  
 Type of Scheme : Gravity  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 22              Off : 22  
 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	-		330
				Groundnut	C	A	A		57
				Vegetable	C	A	A		389
2	*	*	*	Durian/Mango	C	A	A	11.0	150
				Guava	C	A	-	3.1	528
				Banana	C	A	A	0.7	231
				Cashewnut	C	A	A		39
				Papaya	C	A	-		550
				Citrus	C	A	-		231
				Pineapple	C	A	-	0.5	528
				Coconut	A	-	A		96
				Oilpalm	C	A	A	0.9	422
				Cocoa	C	A	A	0.6	68
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>30</u>
				Coffee	C	A	A		19
				Tea	C	A	A		29
				Clove	C	A	A		7
				Tabacco	C	A	A		198
Sugarcane	C	A	A		440				
Pepper	C	A	A		65				
3	*	*	*	Maize	C	-	-		72
				Sorghum	C	-	A		83
				Ginger	C	A	-		330
				Groundnut	C	A	A		57
				Vegetable	C	A	A		389
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 MA053

Code Number : MA053                      Name of Scheme : Telok Rimba  
 State : Melaka                          District : Jasin  
 Type of Scheme : Pump  
 Water source : Sufficient for double cropping  
 Soil series : 2Dt

Irrigable area (ha)              Main : 141              Off : 141  
 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	-		2,115
				Groundnut	C	A	A		368
				Vegetable	C	A	A		2,496
2	*	*	*	Durian/Mango	C	A	-	11.0	959
				Guava	C	A	-	3.1	3,384
				Banana	C	A	-	0.7	1,481
				Cashewnut	C	A	A		248
				Papaya	C	A	-		3,525
				Citrus	C	A	-		1,481
				Pineapple	C	A	-	0.5	3,384
				Coconut	A	-	A		618
				Oilpalm	C	A	A	0.9	2,707
				Cocoa	C	A	A	0.6	437
				<u>Rubber</u>	A	A	A	<u>1.1</u>	<u>193</u>
				Coffee	C	A	A		124
				Tea	C	A	A		183
				Clove	C	A	A		44
				Tabacco	C	A	A		1,269
Sugarcane	C	A	A		2,820				
Pepper	C	A	A		416				
3	*	*	*	Maize	C	-	-		458
				Sorghum	C	-	A		529
				Ginger	C	A	-		2,115
				Groundnut	C	A	A		368
				Vegetable	C	A	A		2,496
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 MA054

Code Number : MA054                      Name of Scheme : Umbai Serkam  
 State : Melaka                              District : Jasin  
 Type of Scheme : Controlled drainage  
 Water source : Limited to single cropping  
 Soil series : 3t(d)

Irrigable area (ha)              Main : 148              Off : 0  
 Trafficability of farm Machinery : No good  
 Paddy planting for last 3 years : Less 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	*	*	*	Vegetable	C	A	A		2,620
2	*	*	*	Cashewnut	C	A	A		260
				Pineapple	A	A	-	9.5	3,552
				Coconut	C	-	A		648
				Sago	C	-	A		1,332
				Coffee	A	A	A	0.7	130
3	*	*	*	Sorghum	A	-	A		555
				Vegetable	C	A	A		2,620
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	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

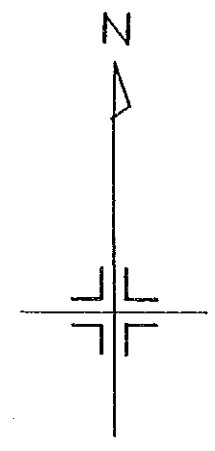


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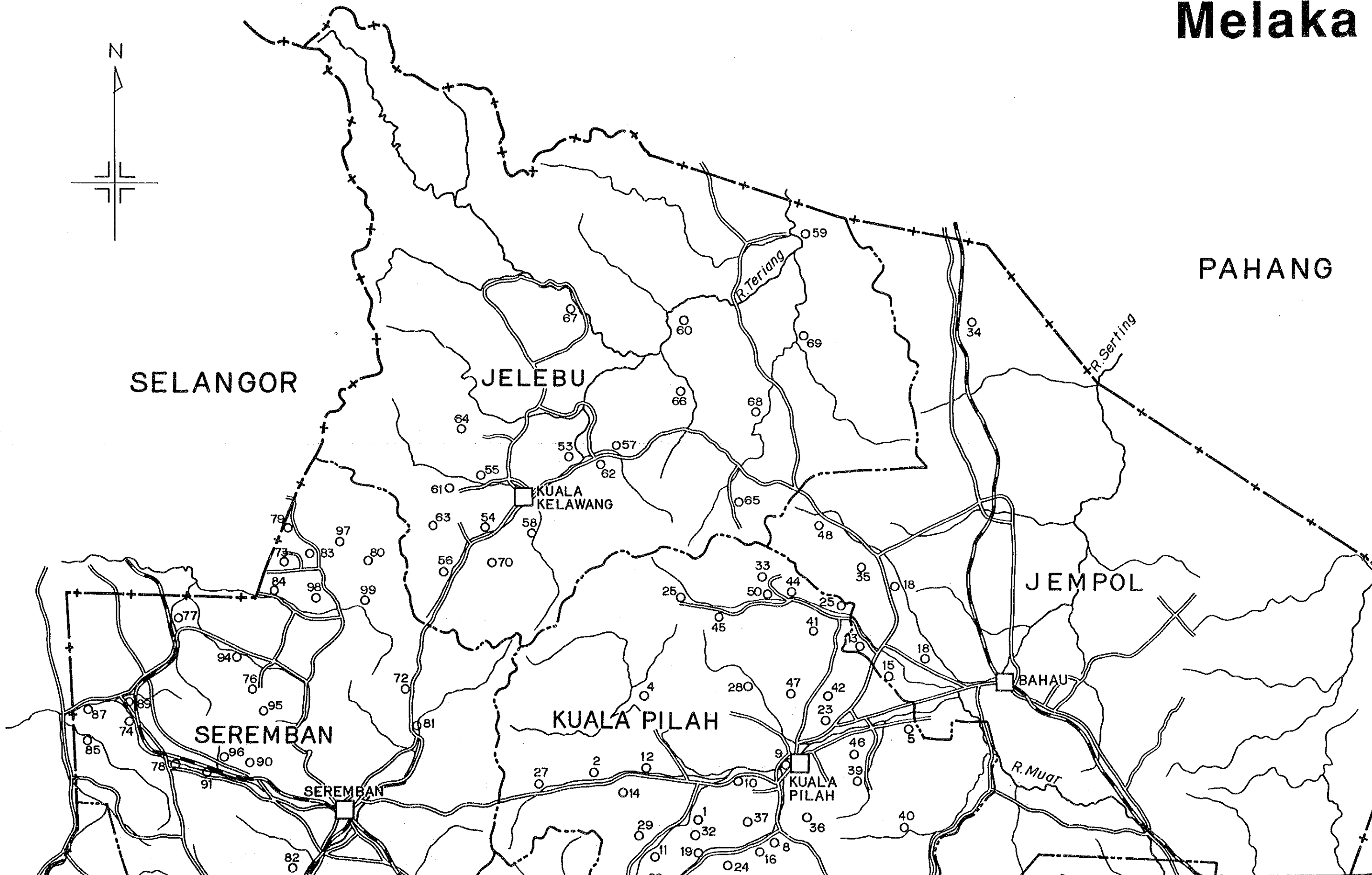
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Feasibility Study on Rationalization and Crop Diversification  
in Non-granary Irrigated Areas in Malaysia

# Location of Non-granary Irrigation Melaka



3°



PAHANG

SELANGOR

JELEBU

KUALA KELAWANG

JEMPOL

SEREMBAN

KUALA PILAH

BAHAU

R. Muar

R. Teriang

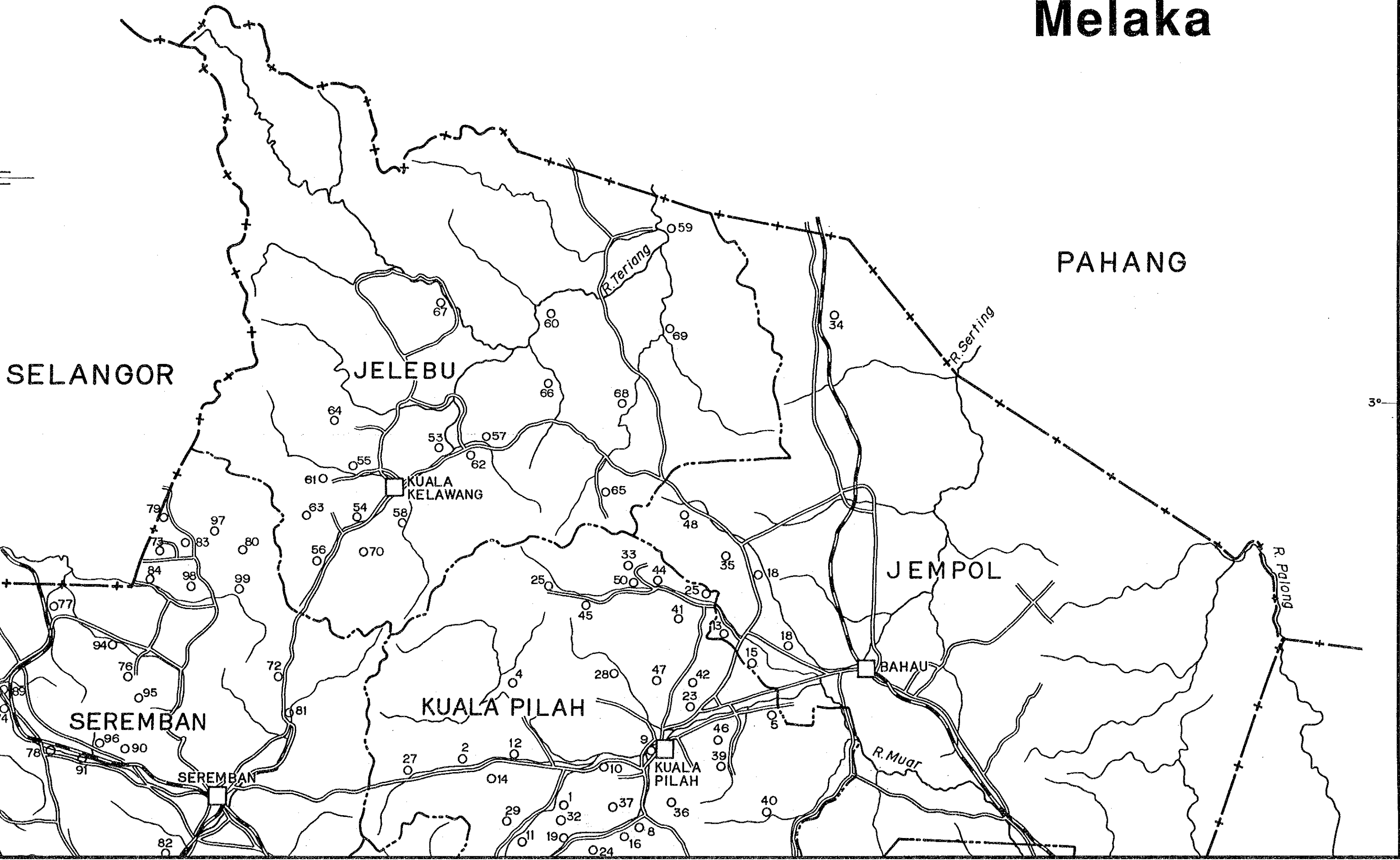
R. Serting

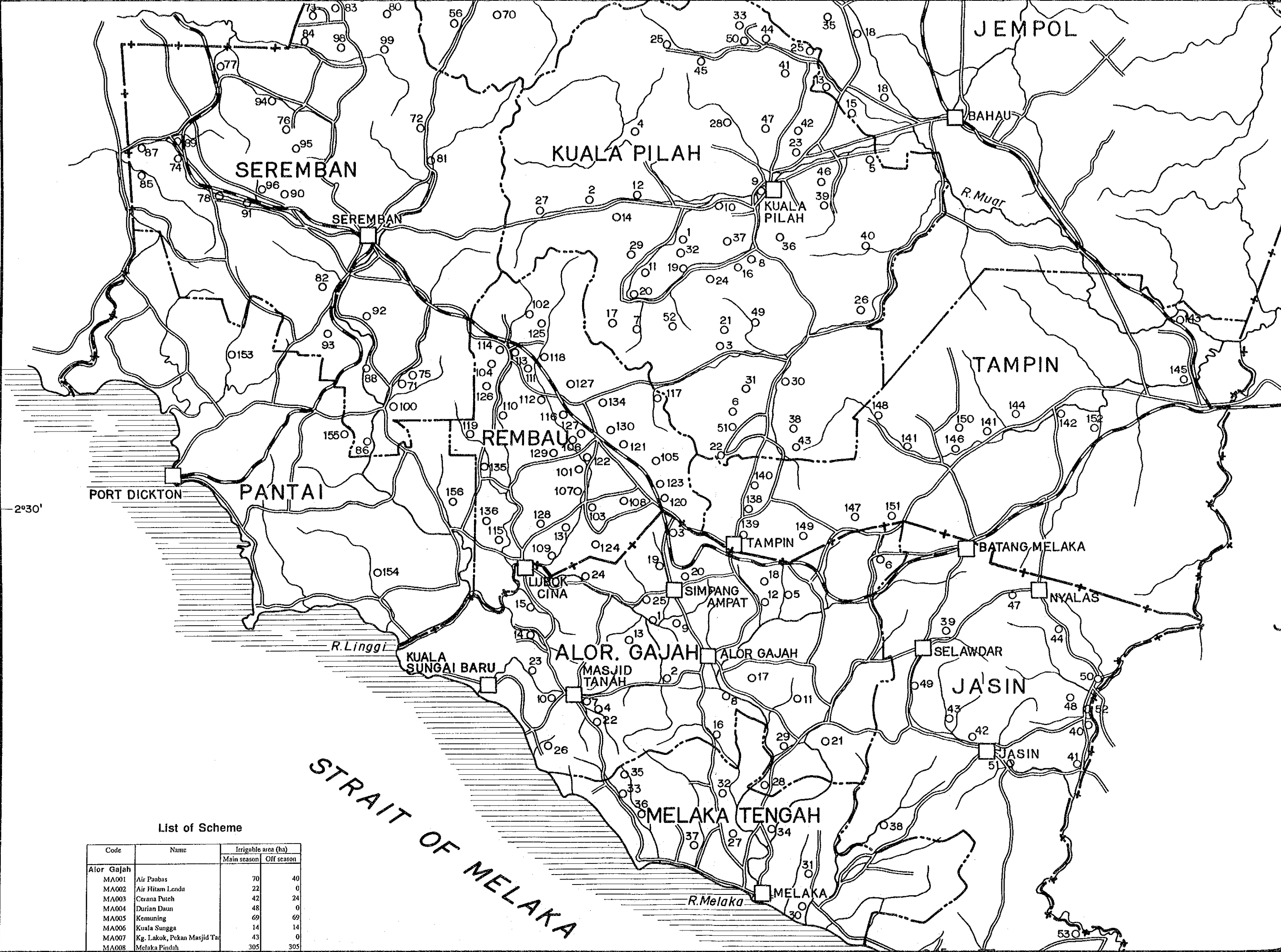
102°

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Feasibility Study on Rationalization and Crop Diversification  
in Non-granary Irrigated Areas in Malaysia

# Location of Non-granary Irrigation Scheme Melaka





List of Scheme

Code	Name	Irrigable area (ha)	
		Main season	Off season
<b>Alor Gajah</b>			
MA001	Air Paabas	70	40
MA002	Air Hitam Lendu	22	0
MA003	Cerana Puteh	42	24
MA004	Durian Daun	48	0
MA005	Kemuning	69	69
MA006	Kuala Sungga	14	14
MA007	Kg. Lakok, Pekan Masjid Tan	43	0
MA008	Melaka Pindah	305	305



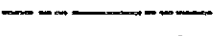







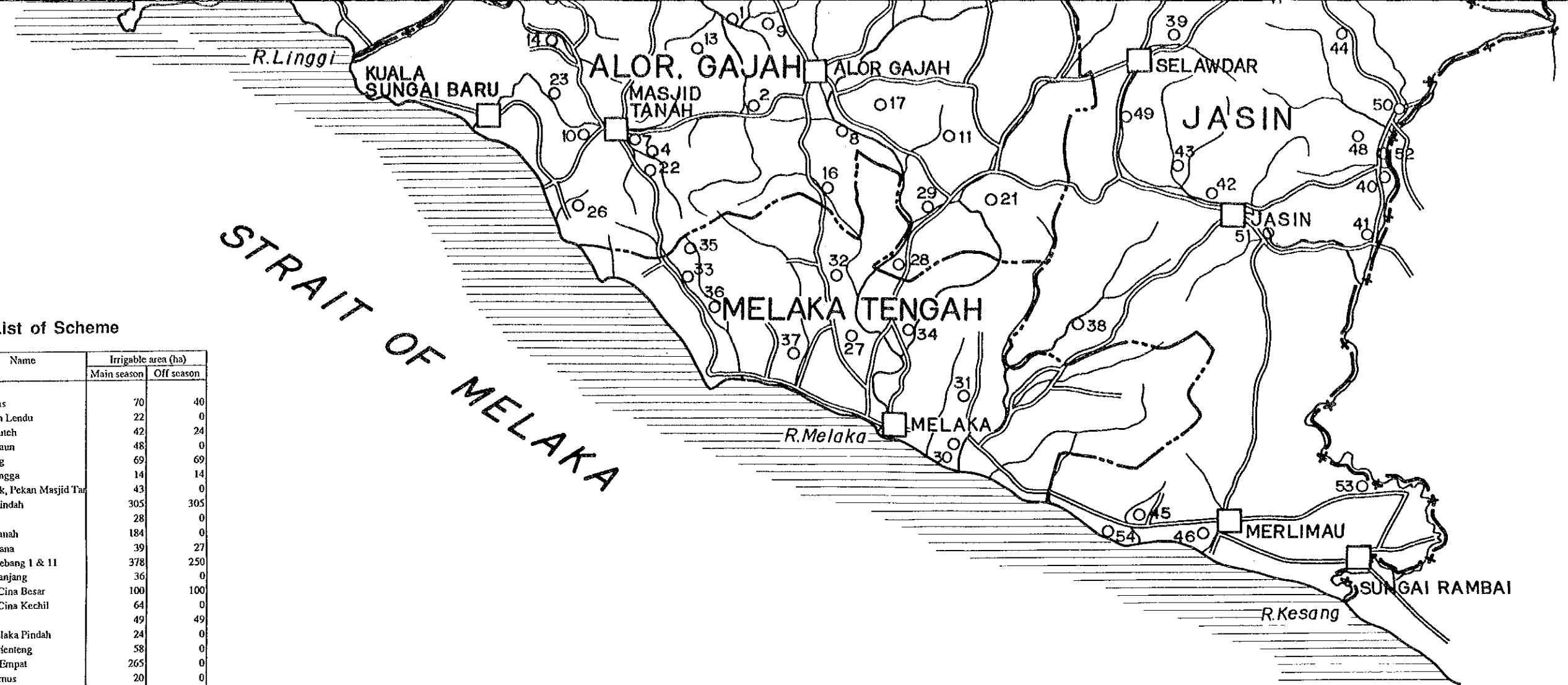
List of Scheme

Code	Name	Irrigable area (ha)	
		Main season	Off season
<b>Alor Gajah</b>			
MA001	Air Paabas	70	40
MA002	Air Hitam Lendu	22	0
MA003	Cerana Patch	42	24
MA004	Durian Daun	48	0
MA005	Kemuning	69	69
MA006	Kuala Sungga	14	14
MA007	Kg. Lakok, Pekan Masjid Tar	43	0
MA008	Melaka Pindah	305	305
MA009	Melekek	28	0
MA010	Masjid Tanah	184	0
MA011	Parit Melana	39	27
MA012	Padang Sebang 1 & 11	378	250
MA013	Rantau Panjang	36	0
MA014	Ramuan Cina Besar	100	100
MA015	Ramuan Cina Kecil	64	0
MA016	Rembia	49	49
MA017	Solok Melaka Pindah	24	0
MA018	Solok Jententeng	58	0
MA019	Simpang Empat	265	0
MA020	Solok Kernus	20	0
MA021	Solok Padang Keladi	22	0
MA022	Solok Duku	86	0
MA023	Sg. Baru Lilir	542	0
MA024	Sg. Stiput	138	138
MA025	Sg. Buloh	30	0
MA026	Tanjung Bidara	180	0
MA029	Durian Tunggal	66	0
<b>Central /Alor Gajah</b>			
MA028	Batu Berendam	27	0
<b>Jasin</b>			
MA038	Air Panas	80	0
MA039	Bukit Senggeh	12	15
MA040	Chabau	20	20
MA041	Chohong	174	98
MA042	Jasin 1 & 2	661	661
MA043	Kemenggang	12	12
MA044	Lembah Nyalas	87	0
MA045	Lubok Duaya	43	0
MA046	Merlimau	152	0
MA047	Nyalas Gapis	52	0
MA048	Parit Keliling	40	40
MA049	Selandar 1 & 2	102	102
MA050	Sempang Asahan	56	0
MA051	Senipang Rim	12	12
MA052	Tambak Merlang	22	22
MA053	Telok Rimba	141	141
MA054	Umbai Serkam	148	0
<b>Malacca Central</b>			
MA027	Bachang	140	140
MA030	Duyong	544	0
MA031	Parit China	392	0
MA032	Paya Rumpit Alor Gajah	64	0
MA033	Paya Rumpit, Sungai Udang	33	0
MA034	Sungai Putat	52	0
MA035	Sungai Udang	84	0
MA036	Tangga Batu	263	0
MA037	Tanjung Minyak	814	0

STRAIT OF MELAKA

**LEGEND**

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



2°

102°

102°30'



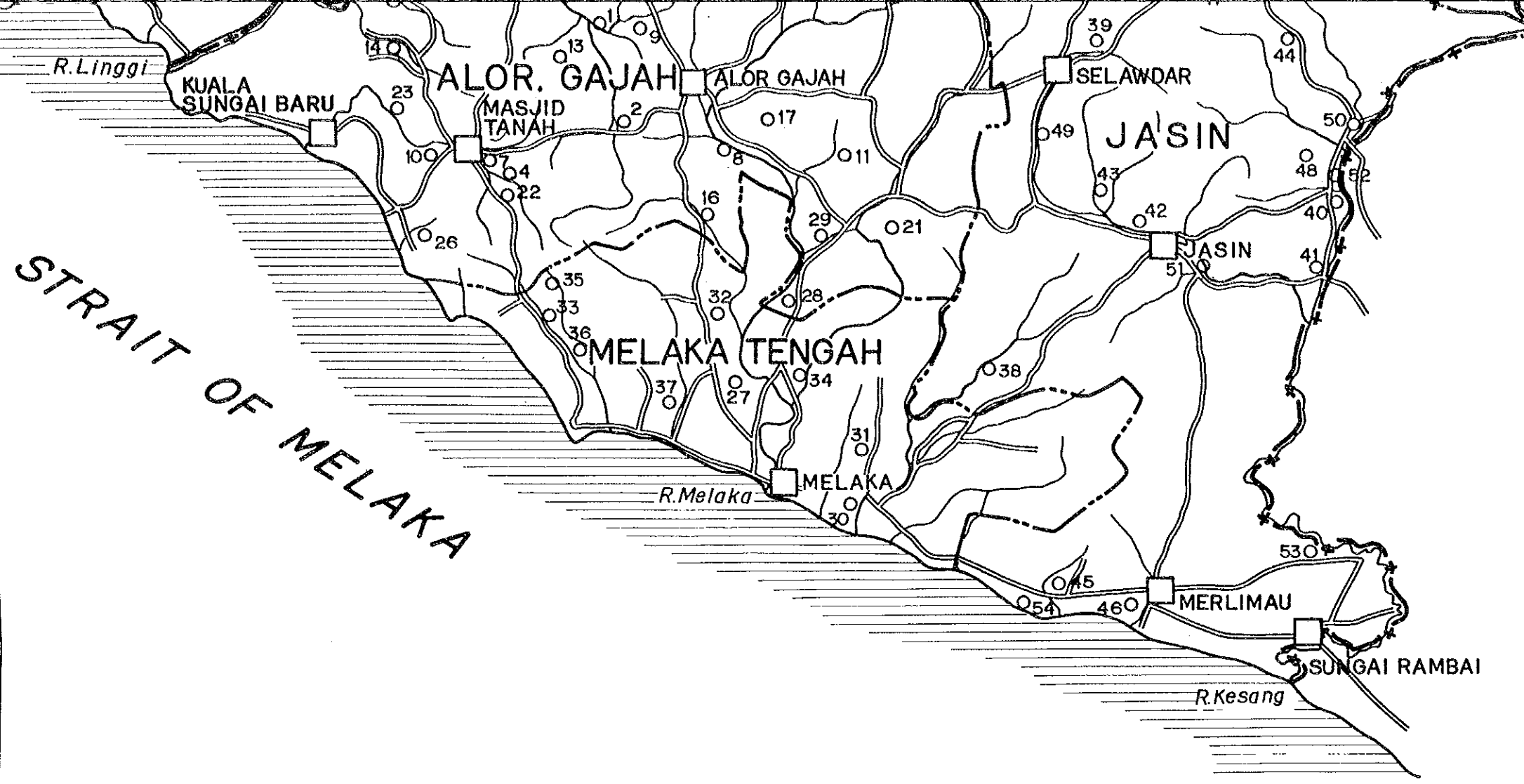


Table of Scheme

Name	Irrigable area (ha)	
	Main season	Off season
	70	40
	22	0
	42	24
	48	0
	69	0
	14	14
	43	0
	305	305
	28	0
	184	0
	39	27
	378	250
	36	0
	100	100
	64	0
	49	49
	24	0
	58	0
	265	0
	20	0
	22	0
	86	0
	542	0
	138	138
	30	0
	180	0
	66	0
	27	0
	80	0
	12	15
	20	20
	174	98
	661	661
	12	12
	87	0
	43	0
	152	0
	52	0
	40	40
	102	102
	56	0
	12	12
	22	22
	141	141
	148	0
	140	140
	544	0
	392	0
Alor Gajah	64	0
Sungai Udang	33	0
	52	0
	84	0
	263	0
	814	0

**LEGEND**

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



102°

102°30'

2°

JICA

8  
A