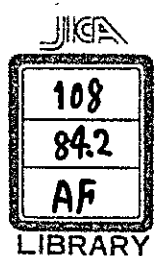


インドネシアランポン州精米施設建設計画

別冊・付表

昭和46年12月

海外技術協力事業団



国際協力事業団	
受入 月日 84.5.16	108
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Table 1. List of 47 Village Units for Milling Unit Construction including 18 Village Units (marked with a double circle) selected for Immediate Milling Unit Construction

(Drafter name Tempat Unit Desa Dalam Daerah Lampung)

No.	Kabupaten	Ketjamatan	Unit Desa ¹⁾
1	Lampung Selatan (South Lampung)	Wonosobo	⊙ Sanggi
2	"	"	Bandar Kedjadian
3	"	"	Wonosobo
4	"	Kotaagung	Kotaagung
5	"	Talangpadang	⊙ Sumpersari
6	"	"	Bandjar Negeri
7	"	Pagelaran	Panutan
8	"	"	⊙ Rantau Tidjang
9	"	Pringsewu	⊙ Pringsewu
10	"	"	Sukohardjo
11	"	Gading Redjo	⊙ Gading Redjo
12	"	"	Bulokerto
13	"	Gedong Tataan	Bagelen
14	"	Kedongdong	Wargomulja
15	"	"	Baturadja
16	"	"	Kedongdong
17	"	"	Kota Dalam
18	"	Penengahan	Penengahan
19	Lampung Tengah (Central Lampung)	Metro	⊙ Bandjarsari
20	"	"	⊙ Redjo Mulijo
21	"	"	⊙ Josodadi
22	"	"	⊙ Karang Redjo
23	"	Trimurdjo	⊙ Tempuran
24	"	"	Sumber Waringin
25	"	"	Liman Benawi
26	"	"	Pudjo Dadi
27	"	Pekalongan	⊙ Adiredjo
28	"	"	⊙ Tulusredjo
29	"	Batang Hari	Batang Hardjo
30	"	"	Seloredjo
31	"	"	⊙ Sumberredjo
32	"	"	Adi Warno

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Tab. No. 1 (cont'd)

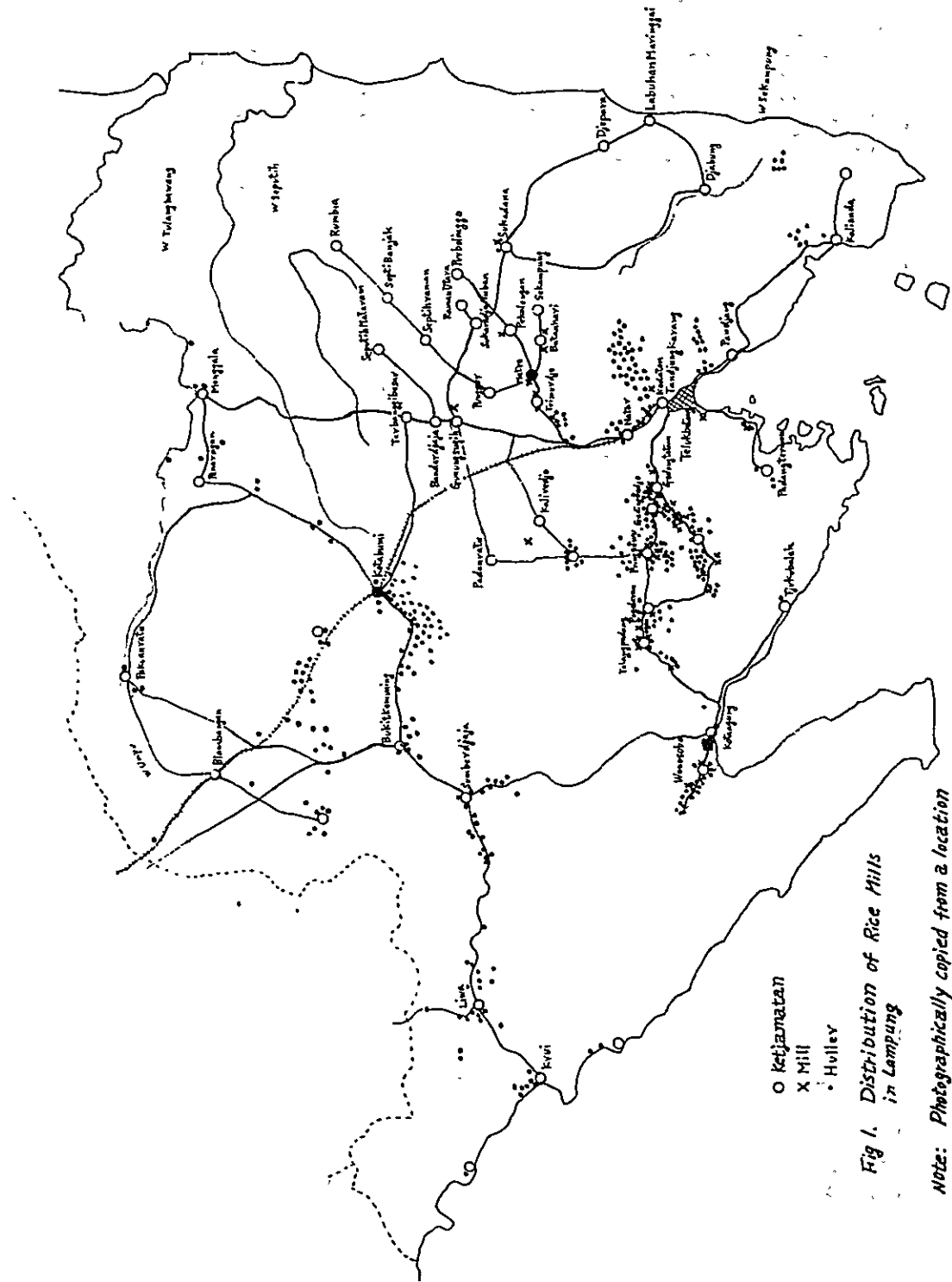
No.	Kabupaten	Ketjamatan	Unit Desa ¹⁾
33	Lampung Tengah (Central Lampung)	Sekampung	Gr. Klopo Muljo
34	"	"	⊙ Sumber Sari
35	"	Sukaradja Nuban	⊙ Sukaradja Nuban
36	"	Raman Utara	Raman Adji
37	"	"	Redjo Birangun
38	"	"	Ratna Daja
39	"	"	Raman Endra
40	"	Purbolinggo	⊙ Tegal Ombo
41	"	"	⊙ Toto Prodjo
42	"	"	⊙ Taman Negeri
43	"	Bandardjaja	Meliput Daerah ²⁾
44	"	"	Pengairan Way Seputih ²⁾
45	Lampung Utara (North Lampung)	Bukit Kemuning	Bukit Kemuning
46	"	Liwa	Liwa
47	"	Sumberdjaja	Sumberdjaja
48	"	Pss. Tengah Krui	Pasar Krui
49	"	"	Way Saral

Tandjung Karang, 30 Agustus 1971.-

Badan Pembina Bimas Propinsi Lampung
Sekretaris

Note: 1) Immediate construction of milling units is requested for the 18 village units marked with a double circle. (Names of these village units were indicated to the team as Daftar Nama Tempat Unit Desa Di Kabupaten MT MT 71/72.)

2) These unit desas are situated in one of the two Ketjamatans designated for milling plant construction.



- Ketjamatan
- × Mill
- Hulley

Fig 1. Distribution of Rice Mills in Lampung

Note: Photographically copied from a location map of the provincial government. (Hulley in Kabupaten Tengah are not shown)

Table 2. Production of Lowland Paddy and Upland Paddy in Lampung (1965-1970)

Kind of Area Year	Total Lampung			Lampung Selatan			Lampung Tengah			Lampung Utara		
	Lowland paddy		Total	Lowland paddy		Total	Lowland paddy		Total	Lowland paddy		Total
	Th. ton	Upland paddy Th. ton	Th. ton	Th. ton	Upland paddy Th. ton	Th. ton	Th. ton	Upland paddy Th. ton	Th. ton	Th. ton	Upland paddy Th. ton	Th. ton
1965	209.5 (51)	202.4 (49)	411.9	149.2 (69)	65.4 (31)	214.6	44.0 (40)	67.5 (60)	111.5	16.3 (19)	69.5 (81)	85.8
1966	233.7 (47)	267.8 (53)	501.5	156.1 (67)	75.7 (33)	231.8	59.5 (35)	111.8 (65)	171.3	18.1 (18)	80.4 (82)	98.5
1967	198.7 (55)	159.2 (45)	357.9	137.2 (69)	62.2 (31)	199.4	44.4 (52)	40.9 (48)	85.3	17.1 (23)	56.1 (77)	73.2
1968	235.5 (52)	219.8 (48)	455.3	158.0 (70)	66.3 (30)	224.3	59.2 (46)	68.4 (54)	127.6	18.2 (18)	85.1 (82)	103.3
1969	222.8 (61)	144.1 (39)	366.9	143.6 (75)	48.6 (23)	192.2	62.9 (61)	40.5 (39)	103.4	16.3 (23)	55.0 (77)	71.3
1970	225.4 (55)	180.4 (45)	405.8	140.7 (71)	57.2 (29)	197.9	62.6 (57)	47.8 (43)	110.4	22.2 (28)	75.4 (77)	97.6
Average	220.9 (53)	195.6 (47)	416.6	147.5 (70)	62.6 (30)	210.0	55.4 (47)	62.8 (53)	118.3	18.0 (20)	70.3 (80)	88.3
Coefficient of Variation	6.5	22.9	13.0	5.7	14.6	7.6	15.9	43.0	24.8	12.2	17.8	15.5

Note: Prepared from "Report on Agricultural Development Survey in South Sumatra, June 1971"
International Cooperation Division, Ministry of Agriculture and Forestry, Japanese Government

Table 3 Harvesting Area and Yield of Lowland Paddy in Lampung (1965 - 1970)

Item Area Year	Harvesting Area (1,000 ha)				Dry stalk paddy (ton/ha)			
	Lampung Selatan	Lampung Tengah	Lampung Utara	Total Lampung	Lampung Selatan	Lampung Tengah	Lampung Utara	Total Lampung
1965	35.5	19.7	6.5	61.7	4.2	2.2	2.5	3.4
1966	35.9	20.9	6.7	63.5	4.3	2.9	2.7	3.7
1967	35.3	20.1	7.7	63.1	3.9	2.2	2.2	3.1
1968	35.9	24.4	7.5	67.7	4.4	2.4	2.4	3.5
1969	35.9	27.6	7.1	70.5	4.0	2.3	2.3	3.2
1970	37.6	29.2	9.1	75.9	3.7	2.1	2.5	3.0
Average	36.0	23.6	7.4	67.1	4.1	2.4	2.4	3.3
Coefficient of variation (%)	2.3	17.3	12.5	8.1	6.5	12.3	7.2	8.0

Note: Prepared from "Report on Agricultural Development Survey in South Sumatra, June 1971", International Cooperation Division, Ministry of Agriculture and Forestry, Japanese Government.

Table 4. Harvesting Area and Yield of Upland Paddy in Lampung (1965 - 1970)

Item Area Year	Harvesting Area (1,000 ha)				Yield in dry stalk paddy (ton/ha)			
	Lampung Selatan	Lampung Tengah	Lampung Utara	Total Lampung	Lampung Selatan	Lampung Tengah	Lampung Utara	Total Lampung
1965	29.8	56.5	43.1	129.4	2.2	1.2	1.6	1.6
1966	34.8	77.7	49.0	161.5	2.2	1.4	1.6	1.7
1967	33.2	66.0	43.3	142.4	1.9	0.6	1.3	1.1
1968	33.9	72.0	64.6	170.4	2.0	1.0	1.3	1.3
1969	31.2	42.6	45.2	118.9	1.6	1.0	1.2	1.2
1970	34.2	52.8	52.7	139.8	1.7	0.9	1.4	1.3
Average	32.9	61.2	49.6	143.7	1.9	1.0	1.4	1.4
Coefficient of Variation (%)	5.9	21.3	16.6	13.4	12.9	26.7	12.0	17.1

Note: Prepared from "Report on Agricultural Development Survey in South Sumatra, June 1971", International Cooperation Division, Ministry of Agriculture and Forestry, Japanese Government

Table 5. Rate of Milling Yield of Penggilingan Padi in Lampung

	Lowland paddy (Sawah)		Upland paddy (Ladang)	
	Average value %	No. of sample	Average value %	No. of sample
Lampung Selatan	50.6	(39)	46.6	(7)
Lampung Tengah	39.6	(5)	47.3	(9)

Calculation based on the statistics of the Central Government, DAFTAR: Perusahaan Penggilingan Padi dalam Daerah Propinsi Lampung Tahun 1970.

Table 6. Trend of Population Increase and Per Capita Milled Rice Consumption

Area Item Year	Total Lampung			Lampung Selatan			Lampung Tengah			Lampung Utara		
	Popu- lation	Rice Pro- duction	Per Capita Rice Con- sumption	Popu- lation	Rice Pro- duction	Per Capita Rice Con- sumption	Popu- lation	Rice Pro- duction	Per Capita Rice Con- sumption	Popu- lation	Rice Pro- duction	Per Capita Rice Con- sumption
	1,000	Th.ton	kg	1,000	Th.ton	kg	1,000	Th.ton	kg	1,000	Th.ton	kg
1965	2099	214.2	102	860	111.6	130	637	58.0	91	433	44.6	103
1966	2203	260.8	118	893	120.5	135	691	89.1	129	437	51.2	117
1967	2312	186.1	80	935	103.7	111	750	44.4	59	442	38.1	86
1968	2427	236.8	98	978	116.6	119	814	66.4	82	446	53.7	120
1969	2547	190.8	75	1024	99.9	98	883	53.8	61	451	37.1	82
1970	2673	211.0	79	1071	102.9	96	959	57.4	60	456	50.8	111

Note: Population was calculated on the basis of the figures for 1965 and 1970 appearing in the statistics of the Central Government, with the growth rate as the multiplier.

Population of whole Lampung includes that of Tanjung Karang (187,718 in 1970).

Rice production was calculated with the milling extraction rate (dry stalk paddy → milled rice) set at 52% from the figures given in Table 2.

Table 7. Capacity of Mills in Lampung

Capacity (Milled rice)		No.	Average HP
/year ton	/hour ton		
1,500	1.07	19	91
1,350	0.97	2	80
1,200	0.86	6	64
1,050	0.75	1	47
1,000	0.72	3	58
900	0.64	2	43
750	0.54	1	38
600	0.43	6	32
450	0.32	5	27
400	0.35	2	26
300	0.21	4	26
180	0.08	1	15

Note: Prepared from the statistics of the Central Government, "Daftar: Perusahaan Pengilangan Padi Propinsi Lampung".

Hourly capacity was assumed to be 1/1,400 of annual capacity on the basis of 7 operating hours a day and 200 operating days a year.

Table 8. Comparison of Paddy Production and Milling Capacity in Lampung

	Paddy Production (in milled rice) Th. ton	Huller		Mill		(Cap/ No.)	Total Cap. Th. ton	Milling Cap.
		No.	Cap.	No.	Cap.			Production
			Th. ton		Th. ton			%
Lampung Selatan	102.5	310	86.8	43	42.1	(980)	128.9	126
Lampung Tengah	68.9	229	64.1	9	11.2	(1240)	75.3	109
Lampung Utara	50.9	233	65.2	0	-	-	65.2	128
Total Lampung	222.3	772	216.1	52	53.3	(1020)	269.4	121

Note: Prepared from table 21, 25 and 27, with the capacity of hullers set at 280 tons/year in milled rice.

Table 9. Accelerated Paddy Production and Rice Mill Construction Programme under the

Year	Rice Production (Stalk paddy) M. ton	(Capacity (Milled rice))			% of Rice Production %
		Rice Mill (Mill)	Huller	Total	
		M. ton	M. ton	M. ton	
1968/69	19.5	0.7	1.5	2.2	22
1969/70	20.6	0.8	2.2	3.0	29
1970/71	22.0	0.94	2.96	3.9	34
1971/72	22.3	1.22	3.78	5.0	43
1972/73	25.8	1.78	4.42	6.2	46
1973/74	29.6	2.90	4.80	7.7	50

Note: Extracted from the statistics of Indonesian Government for 1971, A-18, milling extraction rate (Stalk paddy→milled rice) is assumed to be 52% in the calculation of figures shown.

Table 10. General Condition of Mills Surveyed by Interviews

Ketjamatan	Trimurdjo (Lampung Tengah)	Pekalongan (Lampung Tengah)	Talangpadang (Lampung Selatan)	Gedongtataan (Lampung Selatan)	Rengasdengklok (Krawang)
Type and Capacity of Machine	Schule 1 ton/hr	Schule 1 ton/hr	Schule 1 ton/hr	Schule 0.8 ton/hr	Yanmar Schule 6 ton/hr Schule 1 ton/hr
Year of Establishment	1950	1950	....	1928	1967
Area of Mill Compounds	4 ha	3 ha	....	1.6 ha	7.4 ha
Facili-Mill Buildings	96 m ² (80 x 12)	96 m ² (60 x 16)	....	480 m ² (20 x 24)	2920 m ²
Warehouse for paddy	720 m ² (30 x 12 x 2)	300 m ²	....	1189 m ² (440 + 261 + 488)	1770 m ²
Drying yard	180 m ² (30 x 60)	400 m ² (20 x 20)	....	448 m ² (32 x 14)	11000 m ²
Annual Processing Quantity	500 t	too t	2000 t	...	12000 t
No. of operating Days	2 months	2-3 months	10 months	7 months	300 days
Milling Ex-traction Rate	Padi (upland) 52%, (Low-land) 40%, Gabah 59%	Padi (upland) 55%, (Low-land) 47%, Gabah 60%	43%	Padi bulu 57% Gumbilla 52%	Padi → 56% Gabah → 60 - 62%
Personnel Cost	Manager 1 7000 Rp/month Office 3 5000*70k/mon. Worker 1 5000*70k/mon. Machine Operator 1 5000*70k/mon. Warehouse Driver 1 " 5,000 *4 Worker 1 5000*70k/mon. Truck for collecting paddy approx. 30km 1-2 Rp/kg	Manager 1 Office 3 Rp 10,000 Workers Machine Operator 4 " 6,000 Driver 1 " 5,000 *4 Daily Labourer 2 " 150/B Payment for Contract Work: Unloading of trucks 25 Rp/ton Drying work 25 Rp/100 kg Warehouse - Milled rice 15 Rp/100 kg Selection - Trucks, etc. 10 Rp/100 kg	Manager 1 Rp9,000 + 60k Office Worker 2 "5,000 + 75k (average) Machine Operator 1 "3,500 + 80k Permanent Employee 6 " 150Rp/day Payment for Contract Work: (Pr300/ton) Loading of Trucks 100Rp/ton Loading of Paddy 50Rp/ton Drying Work 100Rp/ton Transport of Milled rice 50Rp/ton	Manager 1 Rp20,000 or more Office Worker 6 Rp 7,500*40k/month Machine Operator 7 Rp 3,500 Permanent Employee 53 Daily Labourer 40 } Rp40*1k/day for female worker Contract Worker 10 } Broker Approx.40 in No.	Fuel 18 l/hr 15Rp/1 Oil 3 l/day 85Rp/1 Bags for rice 85Rp Repair cost 120,000Rp/year Trucks 10
Fuel and others	....	....	....	....	....
Purchasing Activity	Upland paddy is purchased in lots of 5 tons through brokers from desas approximately 30 km from the mill.	Sekampung, Purboingo Djepang, etc. About 30-40% is purchased in paddy.	Padi bulu alone is purchased on the Kabupaten level at a price of Rp 18-21/kg	Padi bulu is purchased mostly on the Kabupaten level	Purchased from all parts of the Kabupaten at an average price of Rp 18/kg
Market	Tandjung Karang, Metro	Tandjung Karang	Tandjung Karang	Tandjung Karang, Telukbetong	Djakarta BULOG 70% 40Rp/kg General 30% 42Rp/kg

Table 11 General Condition of Millers Surveyed by Interviews

Ketjamatan	Trimurdjo (Lampung Tengah)	Purbolinggo (Lampung Tengah)	Raman Utara (Lampung Tengah)	Seputih Raman (Lampung Tengah)	
Management and Year of Establishment	BULDG 1969	Private enterprise run by two owners 1969	Army 1971	Private enterprise run by two owners 1971	
Type and Capacity of Machine	PELITA 300 kg/hr	Engerberg 240 kg/hr	ISEKI 400 kg/hr	KOKUYO 250 kg/hr	
Facilities	Huller Building	40 m ² (8 x 5)	54 m ² (6 x 9)	200 m ² (30 x 20)	140 m ² (20 x 7)
	Solar Drying Yard	400 m ² (20 x 20)	...	400 m ² (20 x 20)	440 m ² (22 x 20)
Operating Condition	Annual Processing Quantity	240 t	100 t	600 t (planned)	360 ton (planned)
	No. of Operating Days	12 months	6~7 months	3 months (planned)	12 months (planned)
	Milling Ex-traction Rate	gabah 61%	gabah 60%	gabah 60%	gabah 52.5%
Management Method	Milling service offered at a charge of 10% of milled rice	Milling service offered at a charge of 10% of milled rice	Gabah is purchased for marking (Milling charge is approx. 8% of milled rice since gabah purchased at Rp21-22/kg is processed into milled rice and sold at Rp38-40/kg.	Milling service offered at a charge of 10% of milled rice	
Initial investment in equipment and facilities		Building Rp100 thousand Equipment Rp438 "		Equipment Rp780 thousand	
Fuel and Others	Supplied by BULDG	Rp300 for 16.5 lit. of gasoline per ton of milled rice Rp30 for oil per ton of milled rice		Fuel Rp4000/month Oil Rp3000/month Rubber Rp6000/month Required for production of 30 ton/mon.	
Personnel Cost	Manager 2000 Rp+190k =9600/mon. Laborer 100 Rp+0.5k =120Rp/day	Labour 3 20% of (income operating expenses) Manager 1 40% of the remainder	4 workers 2500+12 k =3000/month	5 workers Rp4000/month	
Profit Calculation	Income: 40Rp x 24,000 = Rp960,000/year Expenditure: Personnel cost = Rp202,000/year Fuel cost = Rp104,000/year (Kokuyo's basis adopted) Profit: Rp654,000/year	Income: 40Rp x 10000 = Rp400,000/year Expenditure: Personnel cost = Rp156,000/year Fuel cost = Rp33,000/year Profit: Rp211,000/year	Expenditure: Rp12,000/month	Income: Rp40 x 3000 = Rp120th/month Expenditure: Personnel cost = Rp20th/month Fuel and Other Costs = Rp13th/month Profit: Rp87th/month	

Table 12. Quality of Material Paddy and Milled Rice (Disclosed by Inspection at Mills and Hullers)

Sample Place	Lampung Tengah			Lampung Selatan			Krawang		
	Pekalongan mill	Sekampung huller	Gedontataan mill	Wonosobo mill	Wonosobo (farmer)	Rengasdeng-mill	Rengasdeng-mill	Huller	
Type of Machine or Implement	Schule	Glantic	Schule	Glantic	Pounder	Yanmar	Yanmar	Pelita	
Variety	PBS	Klemas	Padi Bulu	Gundil	---	Bengawan	Bengawan	Bengawan	
Paddy	Broken rice	2 %	0 %	0 %	-	8	18 %	0 %	
	Heavily cracked grain	16	36	0	-	22	6	8	
	Moderately cracked grain	8	12	18	28	4	4	10	
Milled rice	Water content	14.1	14.2	14.8	14.4	13.7	13.2	12.6	
	Full size grain	34.5	30.8	36.0	55.7	24.7	66.3	69.0	
	Grains with more than half full size	21.0	18.8	18.3	11.0	11.4	21.5	17.5	
Weight per 1000 grains	Paddy	27.35	27.95	28.0	30.45	---	27.1	24.80	
	Milled rice	21.35	20.0	20.25	21.5	23.2	20.45	18.35	
Weight per 1000 grains of milled rice	73	72	72	71	---	76	82	74	
Remarks								Paddy contain noticeable quantities of brown rice & broken rice. other varieties.	

Table 13. BULOG/s Quality Ranking Standard of Milled Rice

	Purchase Price PR/kg	Admixture Rate of Broken Rice with less than half the full grain size	
		Present admixture rate %	Admixture rate planned for 1972 and subsequent years %
A	38	22.5	15
B	37	27.0	25
C	36	32.5	30

Table 14. Record of Meteorological Observations at Mitsugoro Farm, Sribhawono (July 1969 to September 1970)

Item	Month Year		1	2	3	4	5	6	7	8	9	10	11	12	Annual average or total
	Temperature	max	'69							31.6	31.7	32.0	32.1	32.5		32.0	331.4
(°C)		'70	31.6	32.3	31.5	31.4	30.2	29.8	29.6	30.3	30.1				
	min	'69							22.1	22.4	22.7	22.9	23.4	23.3	23.1
	(°C)	'70	22.2	23.2	23.0	23.2	23.7	23.2	22.8	22.8	23.4				
Rainfall	(mm)	'69							111.4	60.6	104.3	(96.1) ¹⁾	170.5	144.2	3066.0
		'70	503.6	262.9	506.9	437.5	278.9	253.5	146.6	262.8	(38.0) ¹⁾				
No. of Days with more than 1 mm of Rainfall (days)		'69							7	5	6	(7) ¹⁾	8	17	165
		'70	21	17	18	15	21	16	11	6	(9) ¹⁾				
Duration of Sunshine	(hr)	'69									146.1	(150.1) ²⁾	154.1	98.1	1226.8
		'70	73.0	42.0	49.4	74.0	91.6	57.7	129.9	158.1	151.4				
No. of Days with less than 1 hour of Sunshine		'69									2	(3) ²⁾	4	5	90
		'70	11	11	16	9	10	12	3	4	2				
Relative Humidity	max	'69							88	87	84	85	87	86	
	(%)	'70	86	85	88	88	86	85	86	86	82				
	min	'69							52	50	48	50	54	54	
	(%)	'70	55	52	55	59	59	59	55	52	45				
No. of Days Recording more than 70% of Lowest Humidity		'69							2	0	0	0	1	0	11
		'70	0	0	0	3	2	2	1	2	0				
No. of Days Recording less than 40% of Lowest Humidity		'69							1	0	3	4	0	12	
		'70	0	0	0	0	0	0	1	2	5				

Note: 1) Converted to daily value because of the lack of measurement record.
 2) Average value for September and October supplemented because of the lack of measurement record.
 3) Prepared from the data of Mitsugoro Farm.

Table 15. Rainfall in Lampung (mm)

	Annual Rainfall	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Kotabumi	2623	339	278	322	266	191	147	135	85	138	143	259	320
Metro	2077	392	257	291	99	99	89	117	134	69	84	145	231
Kedondong	2277	247	242	247	173	121	87	65	49	66	102	149	207

Source: "Outline and Basic Survey for Agricultural Development in Lampung (Shimokawa)"

Note: Kotabumi - Lampung Utara, El. 32 m; Metro - Lampung Tengah, El. 58 m; Kedondong - Lampung Selatan, El 100 m

Table 16. Cropping Season of Paddy in Lampung

Ketjamatan		Transplanting Season	Harvesting Season	Delivery Period to Hullers
(Lampung Tengah)				
Perbolingo	Wet Season	January	April - May	July - August
	Dry Season	July - August	November	December - January
Bandardjaja	Wet Season	January - February	May - June	
	Dry Season	July - August	November - December	
	Upland paddy	October	March - April	
(Lampung Selatan)				
Pringsewu	Wet Season	November - December	March - April	
	Dry Season	May - June	September - October	
Wonosobo	Wet Season	November	March	
	Dry Season	May	October	

Note: The wet season is from October to March.

Table 17. Rates of Domestic Consumption and Marketing of Rice

Ketjamatan	Wet Season			Dry Season			Upland Paddy			Rate of Self-consumption-Sale
	Self-Consumption	Sale Harvesting Season	Other Season	Self-Consumption	Sale Harvesting Season	Other Season	Self-Consumption	Sale Harvesting Season	Other Season	
(Lampung Tengah)										
Metro										70-30
Trimurdjo										
Batanghari	65	25	10	50	30	20	85	15	-	50-50
Sekampong	50	30	20	50	30	20	30	30	40	30-50
Purbolinggo	60	-	40	75	-	20	80	-	20	
Purbelinggo	40	30	30	40	30	30	70	30	-	40-60
Raman Utara	60		40							
Punggur	25	40	35				25	40	35	40-60
Sukadana	90		10							
Seputih Raman	100									
Gunung Sugih	75		25							
Terbanggibesar										40-60
(Lampung Selatan)										
Pringsewu	40	20	40	60	-	40	30	-	70	
Wonosobo	30	35	35				100	-	-	

Table 18-1 Sales Price of Rice in Lampung Tengah

Ketjamatan	Inter-viewed Place	Stalk Paddy		P a d d y		Milled Rice		Broken Rice	Rice Bran
		Sales Price of Farmers	Purchase Price of Mills	Sales Price of Farmers	Purchase Price of Mills	Sales Price of Farmers and Mills	Purchase Price of General Consumers		
Trimurdjo	Mill		13			40			
	"		Lowland paddy 13 Upland paddy 18			36-37		12-12.5	3
	Huller Ketj.		13		Undried 18 Dried 19	Rural 32.5 Urban 38 PB 30-40 Local 32.5-45	Rural 39 Urban 41	-	2.5
Metro	Ketj.	PB 14-19 Local 25-25							
Batanghari	Ketj.	Local 14		PB 15-23					
	Ketj.	Lowland paddy 13 Upland paddy 15-17 (Water content 20%)		17		33			
Sekampong	Ketj. Desa	8-11		12.5-20					
Pekalongan	Ketj.					PB 35-45 Local 39-55			
"	Mill		Lowland paddy 16.5-17 Upland paddy 18-19		20-21	38		12.5-15	4
Purbolinggo	Ketj. Desa			12-26 20		Sukadana 36-38	Sukadana 41-42		
Raman Utra	Ketj.			PB 9-23 C-4 19					
	Huller			PB 21 Gunbila 22		PB 38 Gunbila 40			5
Punggur	Ketj. Desa			PB 14-18 Local 16-21 Lowland paddy 13-19 Upland paddy 14-21		32-45			
Bandardjaya	Ketj.			20		35-40			
Sukadana	Ketj.	C-4 13-14							

Table 18-2. Sales Price of Rice in Lampung Selatan

Ketjamatan	Inter-viewed Price	Stalk Sales Price of Farmers	Paddy Purchase Price of Mills	P a d d y		Milled Rice		Broken Rice	Rice Bran
				Sales Price of Farmers	Purchase Price of Mills	Sales Price of Farmers and Mills	Purchase Price of General Consumers		
Honosobo	Ketj.	14-18				32-36			
Talangpadang	Mill		Padi Bulu 18-21						
Pringsewu	Ketj.	13-20 15-20		20-25		Rural 35-37.5	Rural 42.5		
Gedongtataan	Ketj.	Local 15-20					35-45		
	Mill	Local 15-20				3.4 month 35-37 7.8 42 1.2 50		22	4 5

Note: BULOG controls the rice price by purchasing rice if its price drops below the floor price of Rp 16 for stalk paddy and Rp20 5 for paddy.

It also purchases milled rice at a price varying from Rp36 to 38 according to the admixture rate of broken rice so as to stabilize the price level.

Pairs of values shown in the table with a hyphen in between indicate the floor price (the harvesting season) and the ceiling price.

Table 19. Milling Extraction Rate of Existing Mills and Japanese Mills (Paddy = 100%)

	Existing Mills %	Japanese Mills %
Rate of Milling Extraction	62	68
Rate of Broken Rice	4.5	2.5
Total	66.5	70.5
Rate of Rice Bran	11	8.5

Source: "Performance Comparison of Existing Old Milling Machines and Japanese-made Modern Milling Machines in Indonesia, May 27, 1970" (Tomosuke Yanagida)

Table 20. Ketjamatan-wise Production of Paddy in Lampung Tengah (1970)
Milling unit construction is requested for Ketjamatan Nos. 1 to 8 shown in this table

Ketjamatan	Wet Season (Swah)		Dry Season (Gadu)		Rate of Double Cropping (Double cropping area in %)	Upland Paddy (Ladang)		Share of Each Crop in Total Production	
	Acreage of Planted Area ha	Unit Yield (ton/ha)	Acreage of Planted Area ha	Unit Yield (ton/ha)		Upland Paddy Production (ton/ha)	Upland Paddy Area ha	Wet Season %	Dry Season %
1. Metro (4-4)	2890	3.0	1697	2.5	67	214	..	65	33
2. Trimurjo (1-4)	2888	3.2	1623	1.6	42	65	..	78	22
3. Batanghari (1-4)	2973	2.8	1760	3.1	72	244	146	59	39
4. Sekampung (1-2)	1332	2.6	747	2.8	45	1089	700	52	32
5. Pekalongan (2-2)	987	3.5	845	1.3	67	467	427	69	22
6. Purboalinggo (3-3)	2232	3.9	1300	2.4	55	507	245	71	25
7. Raman Utara (0-4)	1354	3.3	406	5.3 ⁵⁾ (2.0)	55	487	1248	64	30
8. Sukaradja Nuban (1-1)	..	..	..	..	67	845	..	29	21
Total of Ketjamatan ³⁾ 1 to 8 (3-24)	..	..	..	..	..	3920	..	65	29
9. Punggur	250	1.1	118	1.3	32	4321	2100	6	0
10. Terbangibesar	..	..	..	..	15	4756	..	12	1
11. Gununggugih	871	1.7	250	0.6	17	2267	7275	38	4
12. Padangratu	..	..	..	..	2	2865	..	37	2
13. Bangunredjo	..	..	..	..	8	1146	..	51	2
14. Kalirejo	..	..	..	..	8	4489	..	48	7
15. Sukadana	490	1.8	98	1.3	20	4898	3200	15	2
16. May Djepara	..	..	..	..	10	735	..	44	14
17. Djabung	..	..	..	..	-	5921	..	0	0
18. Labuhan Meringgai	..	..	..	..	12	4513	..	20	6
19. Seputih Raman	250	2.3	15	0.4	5	2167	..	21	0
20. Seputih Banjak	..	..	..	..	5	2817	..	3440	18
21. Seputih Mataram	..	..	..	..	0	2384	..	2543	10
22. Rumbia	..	..	..	..	3	697	..	1225	42
Total of Ketjamatan ³⁾ 9 to 22	..	..	..	..	..	43876	..	60764	25
Grand Total 3)	..	..	..	..	..	47796	..	132521	47

Note: 1) Obtained from the statistical data of the Provincial Government.

2) Figures in parentheses, such as (4-4), which are given after each of Ketjamatan Nos. 1 to 8 are intended to indicate the "Number of Milling units desired to be constructed in the immediate future" and the "total number of milling units requested to be constructed".

3) Crossed figures are originally entered figures which were corrected for the purpose of calculation since they do not represent the total of the values given in respective columns. It is probable, however, that these crossed figures represent correct total values and some of individual values were misprinted. Both crossed and corrected total value will be presented in the following tables since it is reasonable to consider the difference as error.

4) Obtained by interviews in Ketjamatan.

5) Percentage of double cropping area does not show conformity to the acreage of planted area since the latter was obtained by interviews.

6) This value is too high. Another interview disclosed a value of 2.0.

Table 21. Selfconsumption, Existing State of Rice Mills and Estimated Situation after Introduction of Milling Units in Lampung Tengah

2) Kefarmatan	4) Total Rice Production ton	Rate of Self-consumption %	Farmer's 1) Population ton	Per Capita Milled Rice Consumption of Farmers kg	3) Milling Unit		Total 5) Capacity ton/year	Present 6) Rate of Operation %	Milling Units to be Established		Unit Capacity ton/year	Rate of Operation upon Completion of All Milling Units %	Rate of Operation with Millers Assumed to Process Half of Paddy Production	
					Number	Capacity ton/year			Number	Capacity ton/year			Rate of Operation of Millers	Rate of Operation of Millers
1. Htiro (4-4)	6,840	70	71,147	67	27	7,560	1,500	75	4	2,800	58	45	80	
2. Trimurdjo (1-4)	6,237	..	32,445	..	12	3,360	3,000	98	4	2,800	68	93	54	
3. Batanghari (1-4)	7,174	60	33,150	130	15	4,200	3,000	100	4	2,800	72	85	61	
4. Sepampung (1-2)	3,452	30	..	..	13	3,640	..	95	2	1,400	68	47	123
5. Pekalongan (2-2)	2,616	60	28,368	55	7	1,960	1,500	76	2	1,400	54	67	45	
6. Purbolinggo (3-3)	6,417	40	39,105	67	26	7,880	..	88	3	2,100	68	44	153	
7. Raman Utara (0-4)	3,690	60	27,349	81	9	2,520	..	146	4	2,800	69	73	66	
8. Sukaradja Nuban (1-1)	888	..	..	..	8	2,240	..	40	1	700	30	20	63
Sub-Total [1-8] (13-24)	37,314	(54)	(71)	(71)	117	32,760	9,000	89	24	16,800	64	57	72	
9. Punggur	2,392	25	33,000	18	5	1,400	1,400	171	..	..	..	..	..
10. Terbanggibesar	2,850	..	..	..	7	1,960	..	145	..	..	..	..	..
11. Gunungugih	2,031	75	62,866	24	6	1,680	600	89	..	..	..	..	..
12. Padangratu	2,437	..	..	..	7	1,960	..	124	..	..	..	..	..
13. Bangunredjo	1,269	..	..	..	9	2,520	1,000	56	..	..	..	..	..
14. Kalliredjo	5,169	..	..	..	16	4,480	..	115	..	..	..	..	..
15. Sukadana	3,081	90	71,922	39	11	3,080	600	84	..	..	..	..	..
16. May Djepara	915	..	..	..	6	1,680	..	54	..	..	..	..	..
17. Djabung	3,079	..	..	..	12	3,360	..	92	..	..	..	..	..
18. Labuhan Maringgai	3,196	..	..	..	10	2,800	..	114	..	..	..	..	..
19. Seputih Raman	1,431	100	30,262	47	4	1,120	..	128	..	..	..	..	..
20. Seputih Banjak	1,789	..	..	..	2	560	..	319	..	..	..	..	..
21. Seputih Hatarum	1,322	..	..	..	6	1,680	..	79	..	..	..	..	..
22. Rumbia	657	..	..	..	2	560	..	114	..	..	..	..	..
23. Bundardjaja	..	..	..	..	1	2,520	..	..	..	..	..	..	..
Sub-total 9-22	31,597	..	..	..	112	31,360	3,200	94	..	..	..	..	..
Grand Total	68,911	..	..	..	229	64,120	11,200	91	24	16,800	25	54	123

Note: 1) Obtained by interviews, 2) (4-4) indicates that four milling units are requested to be constructed in the immediate future and that the total number of milling units desired to be established is also four, 3) Obtained from the data of the Provincial Government, "Daftar: perusahaan Penggilingan Padi Propinsi Lampung", and the data of Kabupaten Lampung Tengah, "jumlah dan kapasitas alat 2 Perengapan Perseoran Jantordji dari 4) Converted to values in milled rice assuming that the milling extraction rate (stalk paddy - milled rice) is 52%, 5) Capacity of one set assumed to be 250 tons/year, 6) Total production (in milled rice) = Total capacity x 100, 7) Total production (in milled rice) = (Total capacity + Capacity of Milling Units) x 100, 8) Total production (in milled rice) x 0.5 Capacity of millers x 100, 9) Total production (in milled rice) x 0.5 + (Capacity of Millers and Ultimate Capacity of Milling Units) x 100.

Table 22. 1970 Paddy Production and Estimated Operation Stability of Milling Unit in Each Village Unit in Lampung Tengah

Kotjamatan Village Unit 2)	Paddy Production 1)			Total ton	Estimated 3) Stability of Milling Unit
	Wet Season ton	Dry Season ton	Upland Paddy ton		
1. Metro					
Josodadi •	2,163	870	0	3,033	⊙
Karangredjo •	2,288	1,015	0	3,303	⊙
Redjomuljo •	1,818	1,291	214	3,323	⊙
Bandjarsari •	2,378	1,117	0	3,495	⊙
2. Trimurdjo					
Limanbenawi ◊	3,139	1,134	0	4,273	⊙
Tempuran •	2,347	1,160	0	3,507	⊙
Pudjodadi ◊	885	0	65	950	x
Simbarwaringin ◊	2,974	290	0	3,264	⊙
3. Batanghari					
Pandjaredjo ◊	2,335	1,450	0	3,785	⊙
Baleredjo ◊	2,680	1,401	94	4,175	⊙
Telogoradjo •	1,395	1,308	150	2,853	⊙
Seloredjo ◊	1,766	1,218	0	2,984	⊙
4. Sekampung					
Giriklopomuljo ◊	1,993	1,198	363	3,554	⊙
Sumpersari •	1,464	894	726	3,084	⊙
5. Pekalongan					
Adiredjo •	1,695	328	0	2,023	x
Tulusredjo •	1,783	757	467	3,007	⊙
6. Purbollnggo					
Tamanbogo	3,681	881	25	4,587	⊙
Taman Endah	1,767	845	50	2,662	◊
Totoharjdo •	1,517	763	50	2,330	◊
Tambahluhur (Taman Negeri) •	1,145	455	150	1,750	x
Tegalombo ◊	657	122	232	1,011	x
7. Raman Utara					
Raman Adji ◊	1,233	509	0	1,742	x
Redjobimangun ◊	1,322	508	0	1,830	x
Rantau Daja ◊	1,274	763	0	2,037	x
Raman Endra ◊	656	343	489	1,488	x
8. (Sukadana)					
Sukaradja Nuban •	499	363	845	1,707	x

1) Obtained from the data of the Provincial Government.

2) • indicates village units in which milling units are requested to be constructed in the immediate future; ◊ indicates village units requested to be ultimately covered by the milling units construction plan; a map was used to check and confirm the names of village units since some of them differed from those shown in Table 1.

3) Assuming that a milling unit collects half of the production, it is estimated that its operation can be stabilized (as marked by a double circle in the table) if the village unit supplies 2,700 tons or more of paddy ($700 \text{ tons} \times 2 \div 0.52$), fairly stabilized (as marked by a circle in the table) if the village unit supplies 2,300 tons or more of paddy ($700 \text{ tons} \times 2 \div 0.61$), and not stabilized (marked by an X) if the paddy supply is smaller than 2,300 tons. The village extraction rate of 0.52 employed in the above calculation is the country's average value obtainable from Japanese milling machines.

Table 23. Stability Standard of Milling Unit Operation
in Village Units

	Stabilized ton	Fairly Stabilized ton	Not Stabilized ton
Paddy Production of Village Unit	> 2700	> 2300	< 2300
Number of Milling Units Requested to be Con- structed in the Immediate Future (13)	8	1	4
Total Number of Mill- ing Units Requested to be Constructed (24)	14	1	9

Note: Milling units for immediate construction are included
in the total number to be constructed.

Table 24. Ketjamatan-wise Production of Paddy in Lampung Selatan (1970)
(Milling unit construction is requested for Ketjamatan Nos. 1 to 9 shown in this table.)

Ketjamatan	Wet Season Paddy (Sawah)		Dry Season Paddy (Gadu)		Rate of Double Cropping (Double Cropping Area in %)	Upland Paddy (Ladang)		Total Production		Share of Each Crop in Total Production	
	Acreege of Planted Area ha	Unit Yield ton/ha	Acreege of Planted Area ha	Unit Yield ton/ha		Acreege of Planted Area ha	Unit Yield ton/ha	ton	ton	Wet Season %	Dry Season %
1. Monosobo (1-3)	4,000	4.3	900	2.0	23	750	450	19,207	88	9	3
2. Kotaagung (0-1)	2,280	3.8	1,240	4.0	54	400	469	14,010	61	35	4
3. Talangpadang (1-2)	3,000	3.8	1,498	3.4	50	3,435	7,253	23,735	48	21	31
4. Pagelaran (1-2)	2,253	4.0	889	2.0	40	2,100	2,450	13,194	68	13	19
5. Pringsewu (1-2)	3,065	3.7	1,010	2.5	33	1,200	515	14,383	79	18	3
6. Gadingredjo (1-2)	2,298	3.8	197	3.4	9	-	-	9,304	93	7	0
7. Kedondong (0-4)	5,975	4.1	699.25	4.1	12	600	1,200	28,790	86	10	4
8. Gedungtataan (0-1)	2,784	3.5	525	2.9	19	3,753	6,662	17,866	54	9	37
9. Penengahan (0-1)	1,270	4.0	205	2.6	16	2,835	6,620	12,241	42	4	54
Sub-total [1-9] (5-18)	26,925	3.9	7,163.25	3.0	27	15,073	25,619	152,730	69	14	17
10. Kalianda	400	3.7	60	2.0	15	9,856	11,460	13,060	11	1	88
11. Telukbetung	250	3.0	9	3.0	4	900	1,000	1,777	42	2	56
12. Padangtjermen	1,400	4.0	111	3.4	8	3,700	8,350	14,332	39	3	58
13. Kedaton	943	3.0	127	2.4	13	2,850	6,040	9,140	31	3	66
14. Natar (Pandjang) (Tjukubalak)	575	3.5	40	1.2	7	2,408	3,971	6,038	33	1	66
Total [1-14] (5-18)	30,493	3.9	4,510.25	3.1	24	34,898	56,440	197,075	60	11	29

Note: 1) Prepared from the data of the Provincial Government, "Daftar: Keadaan Penduduk Tan: dan Produksi Kabupaten Lampung Selatan the 1970"

2) Refer to table 20

Table 25. Self-consumption, Existing State of Rice Mills, and Estimated Situation after Introduction of Milling Units in Lampung Selatan

Ketjamatan	4) Total Rice Production	1) Rate of Self-consumption	1) Farmer's Population	Per Capita Milled Rice Consumption of Farmers	Huller		M i l l i n g		Total Capacity	6) Present Rate of Operation	Milling Unit		Rate of 7) Operation upon Completion of all Milling Units	Rate of Operation with Hullers assumed to Process Half of Paddy Production	
					3) Number	5) Capacity	3) Number	3) Capacity			Total No. of Milling Units to be Established	Capacity			
	ton	%	person	kg	ton/year	ton/year	ton/year	ton/year	ton/year	%	ton/year	%	%	%	
1. Monosobo (1-3)	9,988	40	24,000	166	22	6,160	2	2,100	8,260	121	3	2,100	96	81	119
2. Kotaagung (0-1)	7,285	40	50,000	58	21	5,880	5	4,600	10,480	70	1	700	65	62	69
3. Talanpadang (1-2)	12,342	50	124,125	50	43	12,040	5	5,800	17,840	69	2	1,400	64	51	86
4. Pagarlaran (1-2)	6,861	40	52,381	52	22	6,160	2	1,000	7,160	96	2	1,400	80	56	143
5. Pringsewu (1-2)	7,479	50	34,625	108	30	8,400	7	6,300	14,700	51	2	1,400	46	45	49
6. Gadingredjo (1-2)	4,838	60	38,915	75	20	5,600	8	-	5,600	86	2	1,400	69	43	173
7. Kedondong (0-4)	14,971	40	56,700	106	42	11,760	9	6,930	18,690	80	4	2,800	70	64	77
8. Gedungtataan (0-1)	9,290	60	84,006	66	10	2,800	8	10,650	13,450	69	1	700	66	166	41
9. Penengahan (0-1)	6,365	60	34,000	112	9	2,520	1	1,500	4,020	158	1	700	135	126	145
Sub-total (1-9) (5-18)	79,420	48	498,752	76	219	61,320	39	38,880	100,200	79	18	12,600	70	65	77
10. Kallanda	6,791	50	68,066	50	14	3,920	0	-	3,920	175	-	-	-	-	-
11. Telukbetung	924	50	60,306	8	-	-	2	2,200	2,200	42	-	-	-	-	-
12. Padangtjermen	7,453	60	35,170	127	9	2,520	1	300	2,820	264	-	-	-	-	-
13. Kedaton	4,753	60	70,250	41	27	7,560	1	7550	8,310	57	-	-	-	-	-
14. Natar (Pandjang) (Tjukubalak)	3,139	60	75,024	25	30	8,400	0	-	8,400	37	-	-	-	-	-
Total	102,479	50	807,568	63	310	86,800	43	42,130	128,930	79	18	12,600	72	59	94

Note: Refer to Table 24 for Rates 1) and 2). 3) Prepared from the data of the Provincial Government, "Daftar: Perusahaan Huller Gabah Daerah Kabupaten Lampung Selatan" and "Perusahaan Penggilingan Padi Propinsi Lampung". Refer to Table 20 for Notes 4) to 9).

Table 26. Acreage of Paddy Field Area and Estimated Operation Stability of Milling Unit in Each Village Unit in Lampung Selatan

Ketjamatan Village Unit	1)	W e t S e a s o n		Estimated 3) Stability of Milling Unit
		Average of 2) planted area ha	Production ton		Unit Yield (ton/ha)
1 Nonosobo				(4.3)
Sanggi	●	760	3,260	⊙
Bandar Kedjadian	○	890	3,820	⊙
Wonosobo	○	950	4,080	⊙
2 Kotaagung				(3.8)
Kotaagung	○	1,350	5,125	⊙
3 Talangpadang				(3.8)
Sumbersari	○	1,500	5,700	⊙
Bandajar Negeri	●	1,350	5,125	⊙
4 Pagelaran				(4.0)
Panutan	○	1,380	5,520	⊙
Rantau Tidjang	●	1,120	4,480	⊙
5 Pringsewu				(3.7)
Pringsewu	●	1,150	4,260	⊙
Sukohardjo	○	800	2,960	⊙
6 Gadingredjo				(3.8)
Bulukerto	○	1,150	4,380	⊙
Gadingredjo	●	1,600	6,080	⊙
7 Kedondong				(4.1)
Wargomuljo	○	970	3,970	⊙
Baturadja	○	430	1,760	X
Kedondong	○	1,170	4,790	⊙
Kota Dalam	○	930	3,810	⊙
8 Gedungtataan				(3.5)
Bagelen	○	1,000	3,500	⊙
9 Penengahan				(4.0)
Penengahan	○	600	2,400	⊙

Note: 1) ● indicates village units in which milling units are requested to be constructed in the immediate future and ○ indicates village units requested to be ultimately covered by the milling unit construction plan.

2) Obtained from the data of Lampung Selatan, "Daftar: Tenga Penjuluh Unit Desa Bimas".

3) It is estimated that the operation of a milling unit will be stabilized if it can be supplied with 2,200 tons (80% of 2,700 tons) or more of paddy (as marked by a double circle in the table), and not stabilized if the paddy supply is smaller than that (marked by an X in the table). (Assuming that hullers collect half of paddy production, a milling unit must be provided with 2,700 tons of stalk paddy or half its processing capacity. The lowest stability level supply is set at 80% of this quantity considering the production of dry season paddy and upland paddy.

Table 27. Paddy Production and Estimated Condition of Hullers after Introduction of Milling Units

2) Ketjanatan	Wet Season Paddy (Sawah)		Dry Season Paddy (Gadu)		Rate of Double Cropping (Double Cropping area in %)	Upland Paddy (Ladang)		Total Production ton	Huller Number ³⁾	Capacity ⁴⁾ ton/year	3) Present Rate of Operation %	Rate of 5) Operation upon Completion of all milling Units %		
	Average of planted area 1) ha	1) Production ton	Unit Field (ton/ha)	Average of planted area 1) ha		1) Production ton	Unit Field (ton/ha)							
1 Kotabumi	415	1,439	(3.5)	80	242	(3.0)	14,030	25,462.5	(1.8)	27,143.5	60	16,800	84	-
2 Bukit Kemuning (1)	295	885	(3.0)	151	322	(2.1)	4,815	8,591.5	(1.8)	9,798.5	22	6,160	83	74
3-Sumberdja (1)	1,655	4,515	(2.7)	25	37.5	(1.5)	1,020	816	(0.8)	5,368.5	30	8,400	33	31
4 Ketapang	157	343	(2.2)	20	22	(1.1)	7,520	11,030.4	(1.5)	11,395.4	16	4,480	132	-
5 Blambangan Umpu/Baradatu	295	533.5	(1.8)	4	7	(1.8)	7,621	10,195.5	(1.3)	10,736.0	14	3,120	142	-
6 Kasul	250	812.5	(3.3)	-	-	-	6,000	6,975	(1.2)	7,787.5	22	6,160	66	-
7 Pakuan Ratu	200	300	(1.5)	-	-	-	4,880	2,574.4	(0.5)	2,874.4	5	1,400	107	-
8 Menggaia	325	322	(1.0)	302	302	(1.0)	880	694	(0.8)	1,518.0	3	840	82	-
9 Panaragan	10	20	(2.0)	-	-	-	1,420	586	(0.4)	606.0	4	1,120	28	-
10 Mesudji	400	800	(2.0)	-	-	-	500	900	(1.8)	1,700.0	4	1,120	79	-
11 Liwa (Balik Bukit) (1)	1,200	3,680	(3.1)	-	-	-	1,095	3,190	(2.9)	6,870.0	37	10,360	34	32
12 Pss. Tengah Kruai (2)	1,240	3,100	(2.5)	660	990	(1.5)	985	1,477.5	(1.5)	5,567.5	12	3,360	86	71
13 Pugung Tampak	650	1,675	(2.7)	-	-	-	788	1,155	(1.5)	2,830.0	-	-	-	-
14 Biha (Pss. Selatan) (Pss. Utara)	780	2,010	(2.6)	-	-	-	1,178	1,919.2	(1.6)	3,929.2	3	840	-	-
Total.	7,854	20,435	(2.6)	1,242	1,922.5	(1.5)	52,732	75,567	(1.4)	97,924.5	233	65,240	78	74

Note: 1) Quoted from "Report on Agricultural Development Survey in South Sumatra, June 1971", International Cooperation Division, Ministry of Agriculture and Forestry

2) Figures in parentheses, such as (1), indicate the total number of milling units requested to be constructed.

3) Obtained from the data made available by the Provincial Government.

4) Calculated on the assumption that the milling extraction rate (stalk paddy → milled rice) is 52% and hullers have a capacity of 280 ton/year in milled rice.

Table 28. Way Seputih Paddy Field Reclamation Plan

Year	Aggregate Reclaimed Area	Remarks
1970/71	1,081	Already reclaimed
71	2,055	"
1971/72	4,560	
1972/73	9,130	
1973/74	14,014	
1974/75	18,180	
1975/76	20,959	
1976/77	22,888	
1977/78	23,718	
1978/79	23,968	

Table 29. Punggur Utara Paddy Field Reclamation Plan

Year	Aggregate Reclaimed Area	Remarks
1970/71	6,758	200 ha already reclaimed
1971/72	15,088	
1972/73	21,430	
1973/74	23, 505	
1974/75	26,364	
1975/76	29,066	

Table 30 Village Units Considered Suited for Milling Unit Construction

Kabupaten	Ketjamatan	Number	Village Unit	Remarks
	Rice Milling Unit 0.5 ton/hr			
Lampung Selatan		(5)		
	Wonosobo	1	Sanggi	Construction in Wonosobo is advisable because of the poor road condition
	Talangpadang	1	Sumbersari	
	Pagelaran	1	Rantau Tidjang	
	Gading Redjo	1	Gading Redjo	
Lampung Tengah		(11)		
	Metro	4	Bandjarsari Redjo Mulijo Josodadi Korang Redjo	
	Trimurdjo	1	Tempuran	
	Pekalongan	1	Tulusredjo	
	Batang Hari	1	Sumberredjo	
	Sekampung	1	Sumber Sari	
	Sukaradja Nuban	1	Sukaradja Nuban	Construction should be planned for operation covering the four village units in Raman Utara.
	Purbolinggo	2	Totoprodjo (Totohardjo) Tegalombo	Construction should be planned for operation covering Taman Negeri (Tambahluhar).
	Rice Milling Plant 2.0 ton/hr.			
Lampung Tengah	Punggur	2		

