

Table IX-17 CROP BUDGET OF PADDY PER HA IN ECONOMIC PRICE

REPRESENTATIVE SCHEMES IN NORTH SUMATRA PROVINCE

(1/3)

Code/Name	L.D6038/Raunink			L.D6008/Sambori			V150091/Aek Palia			V150057/Sidomukti			V150129/Pangembasan														
	Unit Qty	Price (Rp.)	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)												
Revenue																											
Paddy Production	kg	281	2,870	806,470	3,880	1,050,280	306	2,870	878,220	3,880	1,187,240	298	2,870	855,260	3,880	1,156,240	311	2,870	892,570	3,880	1,206,680	289	2,870	829,430	3,880	1,121,320	
Production Cost																											
1. Seed																											
Certified	kg	562	0	0	30	16,860	612	0	0	30	18,360	596	0	0	30	17,880	622	0	0	30	18,660	578	0	0	30	17,340	
Own	kg	281	80	14,050	0	0	306	60	18,360	0	0	298	60	17,880	0	0	311	50	15,550	0	0	289	48	13,872	0	0	
2. Fertilizer																											
Urea	kg	438	75	32,850	250	109,500	412	200	82,400	250	103,000	420	200	84,000	250	105,000	407	200	81,400	250	101,750	430	100	43,000	250	107,500	
TSP	kg	470	25	11,750	100	47,000	445	100	44,500	125	55,825	453	125	56,625	125	56,625	440	150	66,000	125	55,000	462	100	46,200	125	57,750	
KCL	kg	378	0	0	75	28,350	353	50	17,650	100	35,300	361	95	34,295	100	36,100	348	0	0	100	34,800	370	0	0	100	37,000	
3. Farm Chemicals	liter	12,000	1	12,000	2	24,000	12,000	2	24,000	2	24,000	12,000	2	24,000	2	24,000	12,000	2	24,000	2	24,000	12,000	1.5	18,000	2	24,000	
4. Rodenticide	kg	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	
Sub-total																											
5. Labor	man-day	1,600	143	228,800	160	256,000	2,400	131	314,400	160	384,000	2,400	139	381,600	170	408,000	2,400	123	295,200	155	372,000	1,600	162	259,200	170	272,000	
6. Others																											
Total Cost																											
Net Profit																											

Code/Name	V150240/Ashahan VIII Pengantian			V150141/Aek Siparbus			V150218/Kuamale			V150256/Aek Sihim			V150255/Sumbang Beranpu													
	Unit Qty	Price (Rp.)	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)	Without Project Qty	With Project Qty	Value (Rp.)											
Revenue																										
Paddy Production	kg	302	2,870	866,740	3,880	1,171,760	299	2,870	858,130	3,880	1,160,120	307	2,870	881,090	3,880	1,191,160	282	2,870	809,340	3,880	1,094,160	303	2,870	869,610	3,880	1,175,640
Production Cost																										
1. Seed																										
Certified	kg	604	0	0	30	18,120	598	0	0	30	17,940	614	0	0	30	18,420	564	0	0	30	16,920	606	0	0	30	18,180
Own	kg	302	40	12,080	0	0	299	40	11,960	0	0	307	60	18,420	0	0	282	48	13,536	0	0	303	60	18,180	0	0
2. Fertilizer																										
Urea	kg	416	200	83,200	250	104,000	419	70	29,330	250	104,750	411	150	61,650	250	102,750	436	100	43,600	250	109,000	416	200	83,200	250	104,000
TSP	kg	448	150	67,200	125	56,000	451	50	22,550	125	56,375	444	100	44,400	125	58,500	468	100	46,800	125	58,500	448	150	67,200	125	56,000
KCL	kg	357	50	17,850	160	55,700	360	0	0	108	36,000	352	0	0	100	35,200	377	0	0	100	37,700	356	0	0	100	35,600
3. Farm Chemicals	liter	12,000	2	24,000	2	24,000	12,000	2	24,000	2	24,000	12,000	1	12,000	2	24,000	12,000	2	24,000	2	24,000	12,000	1	12,000	2	24,000
4. Rodenticide	kg	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000
Sub-total																										
5. Labor	man-day	2,400	117	280,800	145	348,000	2,400	138	331,200	160	384,000	2,400	163	391,200	170	408,000	1,600	156	249,600	170	272,000	2,400	129	309,600	170	408,000
6. Others																										
Total Cost																										
Net Profit																										

REPRESENTATIVE SCHEMES IN SOUTH SULAWESI PROVINCE

(2/3)

Item	Code/Name	JD2003/Kala		V110055/Pajene		V110094/Kadene		V110115/Kairi		V110107/Lembong Bata		V110168/Parrila																			
		Unit	Price (Rp.)	Qty	Value (Rp.)	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project																
Revenue																															
Paddy Production	kg	307	3,330	1,022,310	4,290	1,317,050	309	3,330	1,028,970	4,290	1,299,870	301	3,330	1,002,330	4,290	1,291,290	311	3,330	1,035,630	4,290	1,334,190	307	3,330	1,022,310	4,290	1,317,030					
Production Cost																															
1. Seed																															
Certified	kg	614	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Own	kg	307	40	12,240	0	0	309	40	12,360	0	0	301	40	12,040	0	0	311	50	15,550	0	0	0	307	42	12,894	0	0				
2. Fertilizer																															
Urea	kg	418	150	62,700	250	104,500	416	150	62,400	250	104,000	422	100	42,200	250	105,500	424	150	63,600	250	106,000	413	150	61,950	250	103,250	418	100	41,800	250	104,500
TSP	kg	450	100	45,000	100	44,800	448	100	44,800	100	45,400	456	100	45,600	100	45,400	456	100	45,600	100	45,600	446	100	44,600	100	44,600	451	100	45,100	100	45,100
KCL	kg	358	0	0	75	26,850	377	50	18,850	75	27,275	362	0	0	75	27,150	365	50	18,250	75	27,375	354	50	17,700	75	26,550	359	0	0	75	26,925
3. Farm Chemicals	liter	12,000	1.5	18,000	2	24,000	12,000	1	12,000	2	24,000	12,000	1	12,000	2	24,000	12,000	1	12,000	2	24,000	12,000	2	24,000	12,000	1	12,000	2	24,000		
4. Rodenticide	kg	4,000	0	0	2	8,000	4,000	1	4,000	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000
Sub-total																															
5. Labor	man-day	2,400	112	2,668,800	125	100,000	2,400	136	326,400	125	500,000	2,400	166	398,400	125	300,000	2,400	154	369,600	160	384,000	3,200	118	377,600	148	473,600	2,400	122	292,800	152	364,800
6. Others																															
Total Cost																															
Net Profit																															

Item	Code/Name	V110312/Maria I.L.H.II		V110201/Pajene II		V110227/Lumpang Phalelo		V110237/Malimbu		V110332/Salu A'Kung		V110354/Marin																	
		Unit	Price (Rp.)	Qty	Value (Rp.)	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project														
Revenue																													
Paddy Production	kg	311	3,330	1,035,630	4,290	1,334,190	303	3,330	1,008,990	4,290	1,299,870	288	3,330	999,040	4,290	1,235,200	295	3,330	982,350	4,290	1,265,550	297	3,330	989,010	4,290	1,274,130			
Production Cost																													
1. Seed																													
Certified	kg	622	0	0	0	0	0	0	0	0	0	0	0																
Own	kg	311	50	15,550	0	0	303	50	15,150	0	0	303	40	12,120	0	0	288	40	11,800	0	0	297	50	14,850	0	0			
2. Fertilizer																													
Urea	kg	414	150	62,100	225	93,150	422	150	63,300	250	105,500	437	70	30,590	200	87,400	430	100	43,000	200	86,000	428	50	21,400	250	107,000			
TSP	kg	446	100	44,600	100	44,600	454	100	45,400	100	45,400	469	30	14,070	100	46,900	463	50	23,150	100	46,300	460	50	23,000	100	46,000			
KCL	kg	335	0	0	50	17,350	362	70	25,340	75	27,260	377	0	0	50	18,850	371	0	0	50	18,550	368	0	0	75	27,600			
3. Farm Chemicals	liter	12,000	1.5	18,000	2	24,000	12,000	1	12,000	2	24,000	12,000	1	12,000	2	24,000	12,000	1	12,000	2	24,000	12,000	2	24,000	12,000	1	12,000	2	24,000
4. Rodenticide	kg	4,000	0	0	1	4,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000			
Sub-total																													
5. Labor	man-day	2,400	117	2,808,000	145	348,000	2,400	132	316,800	160	384,000	2,400	131	314,400	155	372,000	2,400	128	307,200	158	379,200	2,400	134	321,600	160	384,000			
6. Others																													
Total Cost																													
Net Profit																													

REPRESENTATIVE SCHEMES IN WEST NUSA TENGGARA PROVINCE

(3/3)

Code/Name	L.D450107/Desa Jengstang			VI32013/Desa Manjini			VI33050/Desa Lebanga			VI34004/Desa Tripas						
	Unit	Price (Rp.)	Q'ty	Without Project Value (Rp.)	With Project Value (Rp.)	Price (Rp.)	Q'ty	Without Project Value (Rp.)	With Project Value (Rp.)	Price (Rp.)	Q'ty	Without Project Value (Rp.)	With Project Value (Rp.)			
Revenue																
Paddy Production	kg	320	3,380	1,081,600	4,330	1,385,600	295	3,380	997,100	4,330	1,277,350	301	3,380	1,074,840	4,330	1,376,940
Production Cost																
1. Seed																
Certified Own	kg	640														
Own	kg	320	40	12,800	0	0	295	40	11,800	0	0	301	40	12,040	0	0
2. Fertilizer																
Urea	kg	412	150	61,800	275	113,300	437	200	87,400	275	120,175	431	150	64,650	275	118,525
TSP	kg	454	50	22,700	100	45,400	478	100	47,800	100	47,800	473	100	47,300	100	45,500
KCL	kg	353	0	0	75	26,475	378	50	18,900	75	28,350	372	75	27,900	554	0
3. Farm Chemicals	liter	12,000	1	12,000	2	24,000	12,000	1	12,000	2	24,000	12,000	0.5	6,000	2	24,000
4. Rodenticide	kg	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000
Sub-total				109,300		236,375			177,900		246,025			157,890		243,785
5. Labor	man-day	1,300	147	191,100	170	221,000	1,300	143	185,900	170	221,000	1,600	148	236,800	170	272,000
6. Others				19,500		22,869			6,500		23,351			11,500		25,789
Total Cost				319,900		480,244			370,300		490,376			406,190		541,574
Net Profit				761,700		905,356			626,800		786,974			611,190		761,756

Code/Name	VI35035/Desa Lengkak Dudu			VI35055/Desa Kelokok Udang			VI36016/Desa Sanga			VI37003/Desa Sapar-Puri						
	Unit	Price (Rp.)	Q'ty	Without Project Value (Rp.)	With Project Value (Rp.)	Price (Rp.)	Q'ty	Without Project Value (Rp.)	With Project Value (Rp.)	Price (Rp.)	Q'ty	Without Project Value (Rp.)	With Project Value (Rp.)			
Revenue																
Paddy Production	kg	320	3,380	1,081,600	4,330	1,385,600	321	3,380	1,084,980	4,330	1,389,930	294	3,380	993,720	4,330	1,273,020
Production Cost																
1. Seed																
Certified Own	kg	640														
Own	kg	320	50	16,000	0	0	321	40	12,840	0	0	294	50	14,700	0	0
2. Fertilizer																
Urea	kg	412	200	82,400	275	113,300	411	100	41,100	275	113,025	438	150	65,700	275	120,450
TSP	kg	453	100	45,300	100	45,300	453	100	45,300	100	45,300	479	100	47,900	100	47,900
KCL	kg	353	0	0	75	26,475	352	0	0	75	26,400	378	75	28,350	75	28,350
3. Farm Chemicals	liter	12,000	2	24,000	2	24,000	12,000	1	12,000	2	24,000	12,000	1	12,000	2	24,000
4. Rodenticide	kg	4,000	0	0	2	8,000	4,000	0	0	2	8,000	4,000	0	0	2	8,000
Sub-total				167,700		236,275			111,240		235,985			168,650		246,340
5. Labor	man-day	1,300	126	163,800	155	201,500	1,300	134	174,200	165	214,500	1,600	186	297,600	170	272,000
6. Others				11,500		21,889			16,500		22,524			10,500		25,917
Total Cost				343,000		459,664			295,940		473,069			476,750		544,257
Net Profit				738,600		925,936			789,040		916,921			516,970		728,763

Table IX-18 CROP BUDGET OF REPRESENTATIVE PALAWIJA CROPS PER HA IN ECONOMIC PRICE

Item	Unit	North Sumatra Province(Soybeans)						South Sulawesi Province (Groundnuts)						West Nusa Tenggara Province (Soybeans)						
		Without Project			With Project			Without Project			With Project			Without Project			With Project			
		Qty	Price (Rp.)	Value (Rp.)	Qty	Price (Rp.)	Value (Rp.)	Qty	Price (Rp.)	Value (Rp.)	Qty	Price (Rp.)	Value (Rp.)	Qty	Price (Rp.)	Value (Rp.)	Qty	Price (Rp.)	Value (Rp.)	
<b>Revenue</b>																				
Paddy Production	kg	553	820	453,460	1,200	663,600	793	880	697,840	1,200	951,600	563	940	529,220	1,400	788,200				
<b>Production Cost</b>																				
1. Seed																				
Certified	kg	830		0	40	33,180	1,190		0	40	47,580	845		0	40	33,780				
Own	kg	553	30	16,590		0	793	45	35,685		0	563	40	22,520		0				
2. Fertilizer																				
Urea	kg	418	60	25,080	75	31,350	423	30	12,690	30	12,690	423	20	8,460	30	12,690				
TSP	kg	450	40	18,000	100	45,000	455	60	27,300	100	45,500	455	50	22,750	100	45,500				
KCL	kg	359	20	7,180	50	17,950	366	20	7,320	50	18,300	366	20	7,320	50	18,300				
3. Farm Chemicals	litter	12,000	1	12,000	1	12,000	12,000	0	0	1	12,000	12,000	1	6,000	1	12,000				
4. Rodenticide	kg	4,000	0	0	0	0	4,000		0	0	0	4,000	0	0	0	0				
Sub-total				78,850		139,480			82,995		136,070			67,050		122,270				
5. Labor	man-day	2,400	73	175,200	75	180,000	1,300	78	101,400	84	109,200	1,300	71	92,300	75	97,500				
6. Others				6,250		22,948			6,500		19,067			5,000		17,102				
Total Cost				260,300		342,428			190,895		264,337			164,350		236,872				
Net Profit				193,160		321,172			506,945		687,263			364,870		551,328				

Table IX-19 ANNUAL NET INCREMENTAL VALUE IN  
ECONOMIC PRICE

REPRESENTATIVE SCHEMES IN NORTH SUMATRA PROVINCE

(1/3)

Code Name	LD60011 Sumbari	LD60038 Rauning (B)	V150025 Sumbul Berampu	V150057 Sidomukti	V150091 Aek Palia	V150129 Pangam- batan (B)	V150141 Aek Siparbu	V150218 Kutamale	V150240 Asahan VIII Pengajian	V150256 Aek Sihim
<b>Harvested Area (ha)</b>										
Without Project										
Wet Season										
Irrigated Paddy	0	5	112	11	31	27	21	29	41	36
Rainfed Paddy	1	13	0	11	0	11	1	0	2	0
Palawija Crops	12	2	0	0	1	0	1	10	6	0
Dry Season										
Irrigated Paddy	0	2	73	11	10	14	11	18	8	12
Rainfed Paddy	0	0	0	0	0	0	0	0	0	0
Palawija Crops	0	6	38	0	0	0	10	11	8	3
With Project										
Wet Season										
Irrigated Paddy	38	59	112	24	34	43	23	36	59	43
Palawija Crops	1	0	0	0	1	0	0	7	2	
Dry Season										
Irrigated Paddy	17	18	112	24	28	43	23	31	59	37
Palawija Crops	0	4	38	0	0	0	10	11	6	3
Orchard to be transformed	16	9	0	2	1	0	1	0	8	5
<b>Production Value per ha (Rp.)</b>										
Without Project										
Irrigated Paddy	878,220	806,470	869,610	892,570	855,260	829,430	858,130	881,090	866,740	809,340
Rainfed Paddy	844,560	775,560	836,280	858,360	822,480	797,640	825,240	847,320	833,520	778,320
Palawija Crops	453,460	453,460	453,460	453,460	453,460	453,460	453,460	453,460	453,460	453,460
With Project										
Irrigated Paddy	1,187,280	1,090,280	1,175,640	1,206,680	1,156,240	1,121,320	1,160,120	1,191,160	1,171,760	1,094,160
Palawija Crops	663,600	663,600	663,600	663,600	663,600	663,600	663,600	663,600	663,600	663,600
<b>Production Cost per ha (Rp.)</b>										
Without Project										
Paddy	504,810	317,950	514,080	488,650	604,900	386,772	436,240	548,170	516,630	375,336
Palawija	260,300	260,300	260,300	260,300	260,300	260,300	260,300	260,300	260,300	260,300
With Project										
Paddy	659,699	514,196	686,469	644,921	688,385	549,770	658,418	684,464	623,511	552,426
Palawija	342,428	342,428	342,428	342,428	342,428	342,428	342,428	342,428	342,428	342,428
<b>Gross Production Value (Rp. 1,000)</b>										
Without Project										
	12,838	23,135	178,109	29,835	35,771	42,781	33,525	50,934	53,762	42,225
With Project										
	65,964	86,606	288,560	57,921	72,350	96,434	60,002	91,620	143,576	89,524
<b>Total Production Cost (Rp. 1,000)</b>										
Without Project										
	3,628	8,441	104,996	16,125	25,061	20,112	17,259	31,230	29,992	18,797
With Project										
	36,626	40,963	166,781	30,956	43,022	47,280	33,712	51,954	76,314	45,221
<b>Net Production Value (Rp. 1,000)</b>										
Without Project										
	9,210	14,694	73,113	13,709	10,710	22,669	16,266	19,704	23,769	23,428
With Project										
	29,338	45,643	121,779	26,964	29,328	49,153	26,290	39,666	67,263	44,302
Incremental Value	20,128	30,949	48,666	13,255	18,618	26,485	10,024	19,962	43,493	20,875

Note: Palawija crops are represented by soybeans for North Sumatra and West Nusa Tenggara Provinces and groundnuts for South Sulawesi Province

## REPRESENTATIVE SCHEMES IN SOUTH SULAWESI PROVINCE

(2/3)

Code Name	LD20003 Kalu	VII0055 Pajjenge	VII0099 Kadieng	VII0115 Kaindi	VII0140 Lembang Bata	VII0168 Panrita	VII0182 Mario I-II-III	VII0201 Pakelli II	VII0227 Limpua/ Padaleo	VII0287 Malimbu	VII0332 Salu Akung	VII0354 Mariri
<b>Harvested Area (ha)</b>												
<b>Without Project</b>												
<b>Wet Season</b>												
Irrigated Paddy	0	90	154	60	65	50	45	17	69	0	23	0
Rainfed Paddy	0	39	0	0	0	0	0	0	0	29	0	31
Palawija Crops	0	3	37	62	0	2	7	21	12	1	0	30
<b>Dry Season</b>												
Irrigated Paddy	0	9	93	45	36	8	12	11	45	0	13	0
Rainfed Paddy	0	0	0	0	0	0	0	6	0	0	0	0
Palawija Crops	21	50	25	15	10	10	16	0	15	0	0	0
<b>With Project</b>												
<b>Wet Season</b>												
Irrigated Paddy	21	129	202	112	68	59	51	49	124	29	23	57
Palawija Crops	0	3	5	28	0	0	3	10	0	1	0	13
<b>Dry Season</b>												
Irrigated Paddy	12	37	202	66	68	10	14	15	124	29	23	57
Palawija Crops	0	50	25	15	10	10	16	6	15	0	0	19
Orchard to be transformed	0	0	0	0	3	4	0	4	12	0	0	0
<b>Production Value per ha (Rp.)</b>												
<b>Without Project</b>												
Irrigated Paddy	1,022,310	1,028,970	1,008,990	1,002,330	1,035,630	1,022,310	1,035,630	1,008,990	1,008,990	959,040	982,350	989,010
Rainfed Paddy	921,000	927,000	909,000	903,000	933,000	921,000	933,000	909,000	909,000	864,000	885,000	891,000
Palawija Crops	697,840	697,840	697,840	697,840	697,840	697,840	697,840	697,840	697,840	697,840	697,840	697,840
<b>With Project</b>												
Irrigated Paddy	1,317,030	1,325,610	1,299,870	1,291,290	1,334,190	1,317,030	1,334,190	1,299,870	1,299,870	1,235,520	1,265,550	1,274,130
Palawija Crops	951,600	951,600	951,600	951,600	951,600	951,600	951,600	951,600	951,600	951,600	951,600	951,600
<b>Production Cost per ha (Rp.)</b>												
<b>Without Project</b>												
Paddy	413,280	487,310	530,735	527,590	539,150	417,094	427,550	484,490	482,980	371,480	403,650	399,350
Palawija	190,895	190,895	190,895	190,895	190,895	190,895	190,895	190,895	190,895	190,895	190,895	190,895
<b>With Project</b>												
Paddy	553,109	553,996	554,642	643,687	733,593	621,332	577,668	642,842	616,592	595,592	604,538	645,141
Palawija	264,337	264,337	264,337	264,337	264,337	264,337	264,337	264,337	264,337	264,337	264,337	264,337
<b>Gross Production Value (Rp. 1,000)</b>												
<b>Without Project</b>												
Paddy	14,655	175,007	292,487	158,978	112,585	69,432	75,081	49,872	138,655	25,754	35,365	48,556
Palawija	43,462	270,486	553,695	270,768	190,966	100,391	104,803	98,417	336,642	72,612	58,215	175,607
<b>With Project</b>												
Paddy	18,253	105,973	232,005	125,943	102,412	45,515	42,571	45,371	156,880	34,809	27,809	81,978
Palawija	18,253	105,973	232,005	125,943	102,412	45,515	42,571	45,371	156,880	34,809	27,809	81,978
<b>Total Production Cost (Rp. 1,000)</b>												
<b>Without Project</b>												
Paddy	4,009	77,366	142,927	70,096	56,363	26,482	28,761	20,481	60,214	10,964	14,531	18,107
Palawija	18,253	105,973	232,005	125,943	102,412	45,515	42,571	45,371	156,880	34,809	27,809	81,978
<b>With Project</b>												
Paddy	18,253	105,973	232,005	125,943	102,412	45,515	42,571	45,371	156,880	34,809	27,809	81,978
Palawija	18,253	105,973	232,005	125,943	102,412	45,515	42,571	45,371	156,880	34,809	27,809	81,978
<b>Net Production Value (Rp. 1,000)</b>												
<b>Without Project</b>												
Paddy	10,646	97,640	149,560	88,882	56,222	42,950	46,320	29,391	78,441	14,790	20,833	30,450
Palawija	25,209	164,513	321,690	144,826	88,554	54,876	62,232	53,046	179,762	37,803	30,407	93,628
<b>With Project</b>												
Paddy	25,209	164,513	321,690	144,826	88,554	54,876	62,232	53,046	179,762	37,803	30,407	93,628
Palawija	25,209	164,513	321,690	144,826	88,554	54,876	62,232	53,046	179,762	37,803	30,407	93,628
<b>Incremental Value</b>												
Paddy	14,564	66,873	172,131	55,943	32,332	11,926	15,912	23,655	101,321	23,013	9,573	63,179
Palawija	14,564	66,873	172,131	55,943	32,332	11,926	15,912	23,655	101,321	23,013	9,573	63,179

Note: Palawija crops are represented by soybeans for North Sumatra and West Nusa Tenggara Provinces and groundnuts for South Sulawesi Province

## REPRESENTATIVE SCHEMES IN WEST NUSA TENGGARA PROVINCE

(3/3)

Code Name	LD45010 Datar Jengkan	VI32013 Mada Manini	VI33050 Uma Lebang	VI34004 Lokok Tripas	VI35035 Lengkok Dadu	VI35045 Kelokos Udang	VI36016 Raba Sangga	VI37003 Montong Sapah/Puri
<b>Harvested Area (ha)</b>								
<b>Without Project</b>								
<b>Wet Season</b>								
Irrigated Paddy	0	63	61	31	22	95	100	12
Rainfed Paddy	0	0	0	0	0	0	0	18
Palawija Crops	0	0	14	11	0	7	1	2
<b>Dry Season</b>								
Irrigated Paddy	0	5	5	31	22	60	6	0
Rainfed Paddy	0	0	0	0	0	0	0	0
Palawija Crops	0	75	15	20	18	50	50	11
<b>With Project</b>								
<b>Wet Season</b>								
Irrigated Paddy	103	63	80	31	23	100	100	30
Palawija Crops	0	0	2	11	0	0	1	2
<b>Dry Season</b>								
Irrigated Paddy	103	5	6	31	23	67	6	19
Palawija Crops	0	75	15	20	18	50	50	11
Orchard to be transformed	72	0	0	0	1	0	0	0
<b>Production Value per ha (Rp.)</b>								
<b>Without Project</b>								
Irrigated Paddy	1,081,600	997,100	1,017,380	1,074,840	1,081,600	1,084,980	993,720	1,081,600
Rainfed Paddy	860,800	793,550	809,690	855,420	860,800	863,490	790,860	860,800
Palawija Crops	529,220	529,220	529,220	529,220	529,220	529,220	529,220	529,220
<b>With Project</b>								
Irrigated Paddy	1,385,600	1,277,350	1,303,330	1,376,940	1,385,600	1,389,930	1,273,020	1,385,600
Palawija Crops	788,200	788,200	788,200	788,200	788,200	788,200	788,200	788,200
<b>Production Cost per ha (Rp.)</b>								
<b>Without Project</b>								
Paddy	319,900	370,300	406,190	407,010	343,000	295,940	476,750	347,900
Palawija	164,350	164,350	164,350	164,350	164,350	164,350	164,350	164,350
<b>With Project</b>								
Paddy	480,244	490,376	541,574	596,904	459,664	473,009	544,257	555,214
Palawija	236,872	236,872	236,872	236,872	236,872	236,872	236,872	236,872
<b>Gross Production Value (Rp. 1,000)</b>								
<b>Without Project</b>								
	28,980	107,494	82,494	83,046	57,620	198,337	132,325	35,353
<b>With Project</b>								
	285,434	145,975	125,486	109,804	77,925	271,528	175,138	78,141
<b>Total Production Cost (Rp. 1,000)</b>								
<b>Without Project</b>								
	0	37,507	31,575	30,329	18,050	55,239	58,917	12,574
<b>With Project</b>								
	98,930	51,111	50,602	44,351	25,408	90,836	69,772	30,285
<b>Net Production Value (Rp. 1,000)</b>								
<b>Without Project</b>								
	28,980	69,988	50,920	52,716	39,570	143,099	73,407	22,780
<b>With Project</b>								
	186,503	94,864	74,884	65,453	52,517	180,692	105,367	47,856
<b>Incremental Value</b>	<b>157,523</b>	<b>24,876</b>	<b>23,964</b>	<b>12,737</b>	<b>12,947</b>	<b>37,593</b>	<b>31,959</b>	<b>25,076</b>

Note: Palawija crops are represented by soybeans for North Sumatra and West Nusa Tenggara Provinces and groundnuts for South Sulawesi Province

Table IX-20 CONSTRUCTION COSTS IN ECONOMIC PRICE FOR THE REPRESENTATIVE SCHEMES

(1/3)

(1/3) NORTH SUMATRA PROVINCE

Unit: Rp. 1.000

Scheme Item	LD60011/Sunbari		A4		LD60038/Rauning B		A2		V150025/Sumbang Berampu		C1		V150057/Sidomukti		B1	
	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C	Second Year F/C	L/C
Preparatory Works	2,142	1,285			2,397	1,438			6,324	3,794			1,377	826		
Civil Works																
Land Development			39,628	35,665			35,199	31,679							2,883	2,595
Intake Facilities			16,708	15,181			32,499	30,919				44,313			6,914	3,124
Canal&Structure			202	971			226	1,278				3,968			14,462	15,657
Training			2,533	225			2,834	252				665			130	734
O&M Equipment															1,628	145
Administration			1,693	3,949			2,059	4,804				3,570			720	1,681
Engineering Service	3,242	810	7,564	1,891	3,628	907	8,464	2,116	9,571	2,393	22,332	5,583	2,084	521	4,863	1,216
Physical Contingency	269	189	3,332	2,894	301	220	3,961	3,552	795	386	4,297	2,905	173	103	1,544	1,258
Total	5,653	3,978	69,967	60,776	6,326	4,624	83,184	74,600	16,690	8,103	90,237	61,004	3,634	2,171	32,424	26,409

Unit: Rp. 1.000

Scheme Item	V150091/Aek Palia-Tegal Lesok B1		B2		V150129/Pangambatan B		B4		V150141/Aek Siparbac		V150218/Kuamale		B4	
	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C
Preparatory Works	1,938	1,163			2,448	1,469			1,326	796			2,040	1,224
Civil Works														
Land Development			4,281	3,853			2,883	2,595						
Intake Facilities			65	59			18,158	7,460						
Canal&Structure			24,551	21,638			24,403	24,413						
Training			182	1,034			230	1,306						
O&M Equipment			2,291	204			2,894	257						
Administration			859	2,005			1,258	2,934						
Engineering Service	2,933	733	6,844	1,711	3,705	926	8,644	2,161	2,007	502	4,682	1,171	3,087	772
Physical Contingency	244	138	1,911	1,525	308	183	2,861	2,056	167	104	1,713	1,277	256	141
Total	5,115	2,893	40,125	32,028	6,460	3,835	60,073	43,183	3,499	2,181	35,979	26,807	5,384	2,969

Unit: Rp. 1.000

Scheme Item	V150240/Asahan III Pengajian		B3		V150256/Aek Sihim		B5	
	First Year F/C	L/C	Second Year F/C	L/C	First Year F/C	L/C	Second Year F/C	L/C
Preparatory Works	3,366	2,020			2,448	1,469		
Civil Works								
Land Development			15,113	13,602			8,548	7,693
Intake Facilities			17,640	6,804			5,133	1,980
Canal&Structure			39,958	35,454			26,071	24,156
Training			317	1,795			230	1,306
O&M Equipment			3,980	354			2,894	257
Administration			2,022	4,717			1,160	2,707
Engineering Service	5,094	1,274	11,886	2,972	3,705	926	8,644	2,161
Physical Contingency	423	266	4,445	3,285	308	178	2,576	2,013
Total	8,883	5,581	93,339	68,982	6,460	3,733	54,096	42,273



## (2/3) SOUTH SULAWESI PROVINCE

Unit: Rp. 1.000

Scheme	LD2003/Kalu		A3		VI10055/Pajene		C1		VI10099/Kadrieng		B1		VI10115/Kaindi		B4	
	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C
Preparatory Works	1,173	704			7,293	4,376			11,424	6,854			6,324	3,794		
Civil Works																
Land Development			11,908	10,717			0				22,046	19,841			29,512	26,561
Intake Facilities			0	0			7,544	2,910			12,799	4,937			9,816	3,786
Canal&Structure			21,002	19,156			44,239	39,350			140,175	125,995			27,605	29,213
Training			110	626			686	3,890			1,075	6,093			595	3,373
O&M Equipment			1,387	123			8,623	766			13,507	1,201			7,477	665
Administration			992	2,314			3,469	5,144			12,002	2,008			4,685	
Engineering Service	1,775	444	4,142	1,035	11,037	2,759	25,754	6,438	17,289	4,322	40,342	10,085	9,571	2,393	22,332	5,583
Physical Contingency	147	107	1,927	1,699	917	431	4,342	2,841	1,436	816	11,497	9,008	795	410	4,867	3,693
Total	3,096	2,246	40,476	35,670	19,247	9,053	91,188	59,665	30,149	17,137	241,441	189,162	16,690	8,605	102,204	77,559

Scheme	VI10140/Lembang Bata		B1		VI10168/Panrita		B2		VI10182/Mario I-II-III		B4		VI10201/Pakelit II		B5	
	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C
Preparatory Works	3,876	2,326			3,315	1,989			2,907	1,744			2,754	1,652		
Civil Works																
Land Development			2,136	1,922			823	741			3,624	3,262			22,122	19,910
Intake Facilities			1,534	592			1,721	664			4,624	1,784			16,927	6,529
Canal&Structure			35,414	29,451			10,699	8,655			26,417	23,658			23,946	22,261
Training			365	2,067			312	1,768			274	1,550			259	1,469
O&M Equipment			4,583	407			3,920	348			3,437	306			3,256	289
Administration			1,134	2,646			366	855			1,004	2,343			1,762	4,112
Engineering Service	5,866	1,466	13,687	3,422	5,017	1,254	11,706	2,927	4,400	1,100	10,266	2,566	4,168	1,042	9,725	2,431
Physical Contingency	487	246	2,886	2,025	417	180	1,459	798	365	192	2,432	1,773	346	223	3,812	2,850
Total	10,229	5,172	60,605	42,532	8,748	3,790	30,640	16,753	7,672	4,041	51,074	37,242	7,268	4,679	80,047	59,851

Scheme	VI10227/Pdaelo		B3		VI10287/Malimbu		C2		VI10332/Satu Akung		C1		VI10354/Mariri		B1	
	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C	First Year	L/C	Second Year	L/C
Preparatory Works	7,038	4,223			1,632	979			1,326	796			3,213	1,928		
Civil Works																
Land Development			35,336	31,802			0	0			0	0			11,926	10,733
Intake Facilities			35,280	13,608			16,846	6,498			16,870	6,507			7,539	297
Canal&Structure			78,012	70,827			11,472	9,547			12,697	12,108			47,151	41,807
Training			662	3,754			154	870			125	707			302	1,714
O&M Equipment			8,321	740			1,930	172			1,568	139			3,799	338
Administration			4,167	9,722			698	1,628			759	1,772			1,929	4,501
Engineering Service	10,652	2,663	24,854	6,213	2,470	617	5,763	1,441	2,007	502	4,682	1,171	4,863	1,216	11,346	2,837
Physical Contingency	884	553	9,123	6,833	205	115	1,808	1,008	167	103	1,797	1,120	404	254	4,103	3,111
Total	18,574	11,605	191,588	143,500	4,307	2,409	37,973	21,163	3,499	2,159	37,739	23,524	8,479	5,326	86,166	65,338

(3/3)

## (3/3) WEST NUSA TENGGARA

Unit: Rp. 1.000

Scheme	LD45010/DANAR JENKANG A4			V132013/MADA MANINI			V133050/UMA LEBANG			V134004/Lokok Tripas			CI	
	First Year	Second Year	L/C	First Year	Second Year	L/C	First Year	Second Year	L/C	First Year	Second Year	L/C		Second Year
Item	F/C	F/C	L/C	F/C	F/C	L/C	F/C	F/C	L/C	F/C	F/C	L/C	F/C	L/C
Preparatory Works	5.865	3.519		3.570	2.142		4.539	2.723		1.734	1.040			
Civil Works														
Land Development		80.453	72.408		0	0		8.706	7.835				0	0
Intake Facilities		9.538	3.679		4.651	1.794		5.104	1.969				8.447	3.258
Canal&Structure		124.382	93.960		38.266	35.746		35.066	34.537				19.091	17.099
Training		552	3.128		336	1.904		427	2.421				163	925
O&M Equipment		6.935	616		4.221	375		5.367	477				2.050	182
Administration		6.085	14.198		1.275	2.976		1.478	3.449				758	1.770
Engineering Service	8.876	2.219	5.178	5.403	1.351	12.607	6.869	1.717	16.028	4.007	2.624	656	6.124	1.531
Physical Contingency	737	591	9.658	449	238	3.004	570	296	3.535	218	123	1.794	1.794	1.238
Total	15.478	12.414	254.699	9.422	5.006	63.085	11.979	6.215	74.233	4.576	2.578	37.668	37.668	26.003

Scheme	V135035/Lengkok Dudu			V135045/Kelokos Udiang			V136016/Raba Sanga			V137003/Montong Sapah-Puit			CI	
	First Year	Second Year	L/C	First Year	Second Year	L/C	First Year	Second Year	L/C	First Year	Second Year	L/C		Second Year
Item	F/C	F/C	L/C	F/C	F/C	L/C	F/C	F/C	L/C	F/C	F/C	L/C	F/C	L/C
Preparatory Works	1.326	796		5.661	3.397		5.661	3.397		1.683	1.010			
Civil Works														
Land Development		1.399	1.259		3.127	2.814		0	0				0	0
Intake Facilities		33.747	13.017		2.187	844		0	0				4.795	1.850
Canal&Structure		14.659	12.531		29.275	25.029		30.057	25.183				13.548	13.751
Training		125	707		533	3.019		533	3.019				158	898
O&M Equipment		1.568	139		6.693	595		6.693	595				1.990	177
Administration		1.200	2.799		1.003	871		871	2.031				541	1.263
Engineering Service	2.007	502	4.682	8.567	2.142	19.991	8.567	2.142	19.991	4.998	2.547	637	5.943	1.486
Physical Contingency	167	125	2.809	711	327	3.090	711	320	2.864	1.791	212	109	1.322	971
Total	3.499	2.622	58.989	14.940	6.888	64.896	14.940	6.730	60.137	37.617	4.442	2.297	27.756	20.395

Table IX-21 ECONOMIC COST BENEFIT FLOW OF  
THE REPRESENTATIVE SCHEMES

(1/3)

(1/3) NORTH SUMATRA PROVINCE

Unit: Rp. million

Scheme	L.D6001/Sumbang				L.D6002/Raining B				V150025/Sumbul Berampu				V150057/Sidomukti				V150091/Aek Paha-Tegal Legok			
	Year	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit
1	10	0	0	-10	11	0	0	-11	25	0	0	-25	6	0	0	-6	8	0	0	-8
2	131	0	0	-131	158	0	0	-158	151	0	0	-151	59	0	0	-59	72	0	0	-72
3		2	10	8		2	15	14		2	24	23		0.4	7	6		1	9	9
4		2	15	13		2	23	21		2	36	35		0.4	10	10		1	14	13
5		2	20	29		2	31	18		2	49	47		0.4	13	13		1	19	18
6		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
7		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
8		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
9		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
10		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
11		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
12		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
13		6	20	13		6	31	25		9	49	40		2.0	13	11		3	19	16
14		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
15		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
16		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
17		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
18		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
19		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
20		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
21		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
22		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
23		6	20	14		6	31	25		9	49	40		2.0	13	11		3	19	16
24		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
25		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
26		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
27		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
28		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
29		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
30		2	20	19		2	31	29		2	49	47		0.4	13	13		1	19	18
	EIRR=	11.9%	B/C=	1.10	EIRR=	14.3%	B/C=	1.41	EIRR=	22.3%	B/C=	2.14	EIRR=	17.2%	B/C=	1.65	EIRR=	19.2%	B/C=	1.85

Scheme	V150129/Pangambatan B				V150141/Aek Siparbae				V150218/Kutamate				V150240/Asahan VIII Pengajian				V150256/Aek Sihim			
	Year	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit	B-C	Const. Cost	O&M Replace	Benefit
1	10	0	0	-10	6	0	0	-6	8	0	0	-8	14	0	0	-14	10	0	0	-10
2	103	0	0	-103	63	0	0	-63	71	0	0	-71	162	0	0	-162	96	0	0	-96
3		1	13	13		0.3	5	5		1	10	9		2	22	19		1	10	10
4		1	20	19		0.3	8	7		1	15	14		2	33	30		1	16	15
5		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
6		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
7		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
8		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
9		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
10		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
11		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
12		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
13		4	26	23		1.9	10	8		3	20	17		6	43	37		4	21	17
14		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
15		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
16		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
17		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
18		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
19		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
20		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
21		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
22		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
23		4	26	23		1.9	10	8		3	20	17		23	43	20		4	21	17
24		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
25		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
26		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
27		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
28		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
29		1	26	26		0.3	10	10		1	20	19		2	43	41		1	21	20
30		1	26	26		0.3	10	10		1	20	19		-3	43	46		1	21	20
	EIRR=	19.4%	B/C=	1.86	EIRR=	12.2%	B/C=	1.19	EIRR=	20.6%	B/C=	1.97	EIRR=	19.8%	B/C=	1.84	EIRR=	16.3%	B/C=	1.55



## (3/3) WEST NUSA TENGGARA PROVINCE

(3/3)

Unit: Rp. million

Scheme	VI345010/Danar Jangkang				VI32013/Mada Manini				VI33950/Uma Lebang				VI34004/Lokok Tripas			
	Const.	O&M	Benefit	B-C	Const.	O&M	Benefit	B-C	Const.	O&M	Benefit	B-C	Const.	O&M	Benefit	B-C
Year	Cost	Replace			Cost	Replace			Cost	Replace			Cost	Replace		
1	28	0	0	-28	14	0	0	-14	18	0	0	-18	7	0	0	-7
2	458	0	0	-458	111	0	0	-111	132	0	0	-132	64	0	0	-64
3		4	79	74		1	12	12		2	12	10		0.4	6	6
4		4	118	114		1	19	18		2	18	16		0.4	10	9
5		4	158	153		1	25	24		2	24	22		0.4	13	12
6		4	158	153		1	25	24		2	24	22		0.4	13	12
7		4	158	153		1	25	24		2	24	22		0.4	13	12
8		4	158	153		1	25	24		2	24	22		0.4	13	12
9		4	158	153		1	25	24		2	24	22		0.4	13	12
10		4	158	153		1	25	24		2	24	22		0.4	13	12
11		4	158	153		1	25	24		2	24	22		0.4	13	12
12		4	158	153		1	25	24		2	24	22		0.4	13	12
13		9	158	149		5	25	20		7	24	17		2.5	13	10
14		4	158	153		1	25	24		2	24	22		0.4	13	12
15		4	158	153		1	25	24		2	24	22		0.4	13	12
16		4	158	153		1	25	24		2	24	22		0.4	13	12
17		4	158	153		1	25	24		2	24	22		0.4	13	12
18		4	158	153		1	25	24		2	24	22		0.4	13	12
19		4	158	153		1	25	24		2	24	22		0.4	13	12
20		4	158	153		1	25	24		2	24	22		0.4	13	12
21		4	158	153		1	25	24		2	24	22		0.4	13	12
22		4	158	153		1	25	24		2	24	22		0.4	13	12
23		9	158	149		5	25	20		7	24	17		2.5	13	10
24		4	158	153		1	25	24		2	24	22		0.4	13	12
25		4	158	153		1	25	24		2	24	22		0.4	13	12
26		4	158	153		1	25	24		2	24	22		0.4	13	12
27		4	158	153		1	25	24		2	24	22		0.4	13	12
28		4	158	153		1	25	24		2	24	22		0.4	13	12
29		4	158	153		1	25	24		2	24	22		0.4	13	12
30		4	158	153		1	25	24		2	24	22		0.4	13	12
	EIRR=	26.4%	B/C=	2.56	EIRR=	16.4%	B/C=	1.57	EIRR=	12.7%	B/C=	1.22	EIRR=	15.0%	B/C=	1.44

Scheme	VI35035/Lengkok Dodu				VI35045/Kelokos Udang				VI36016/Raba Sangga				VI37003/Montong Sapah-Puri			
	Const.	O&M	Benefit	B-C	Const.	O&M	Benefit	B-C	Const.	O&M	Benefit	B-C	Const.	O&M	Benefit	B-C
Year	Cost	Replace			Cost	Replace			Cost	Replace			Cost	Replace		
1	6	0	0	-6	22	0	0	-22	22	0	0	-22	7	0	0	-7
2	92	0	0	-92	107	0	0	-107	98	0	0	-98	48	0	0	-48
3		0.3	6	6		2	19	17		1	16	15		0.4	13	12
4		0.3	10	9		2	28	27		1	24	23		0.4	19	18
5		0.3	13	13		2	38	36		1	32	31		0.4	25	25
6		0.3	13	13		2	38	36		1	32	31		0.4	25	25
7		0.3	13	13		2	38	36		1	32	31		0.4	25	25
8		0.3	13	13		2	38	36		1	32	31		0.4	25	25
9		0.3	13	13		2	38	36		1	32	31		0.4	25	25
10		0.3	13	13		2	38	36		1	32	31		0.4	25	25
11		0.3	13	13		2	38	36		1	32	31		0.4	25	25
12		0.3	13	13		2	38	36		1	32	31		0.4	25	25
13		1.9	13	11		8	38	29		8	32	24		2.4	25	23
14		0.3	13	13		2	38	36		1	32	31		0.4	25	25
15		0.3	13	13		2	38	36		1	32	31		0.4	25	25
16		0.3	13	13		2	38	36		1	32	31		0.4	25	25
17		0.3	13	13		2	38	36		1	32	31		0.4	25	25
18		0.3	13	13		2	38	36		1	32	31		0.4	25	25
19		0.3	13	13		2	38	36		1	32	31		0.4	25	25
20		0.3	13	13		2	38	36		1	32	31		0.4	25	25
21		0.3	13	13		2	38	36		1	32	31		0.4	25	25
22		0.3	13	13		2	38	36		1	32	31		0.4	25	25
23		1.9	13	11		8	38	29		8	32	24		2.4	25	23
24		0.3	13	13		2	38	36		1	32	31		0.4	25	25
25		0.3	13	13		2	38	36		1	32	31		0.4	25	25
26		0.3	13	13		2	38	36		1	32	31		0.4	25	25
27		0.3	13	13		2	38	36		1	32	31		0.4	25	25
28		0.3	13	13		2	38	36		1	32	31		0.4	25	25
29		0.3	13	13		2	38	36		1	32	31		0.4	25	25
30		0.3	13	13		2	38	36		1	32	31		0.4	25	25
	EIRR=	11.0%	B/C=	1.09	EIRR=	23.1%	B/C=	2.20	EIRR=	21.2%	B/C=	2.01	EIRR=	35.2%	B/C=	3.59

Table IX-22 RESULTS OF ECONOMIC EVALUATION FOR 30 SCHEMES

Code	Name of Scheme	Group	Economic Project Cost Rp. 1,000 (a)	Economic Annual Benefit Rp. 1,000 (b)	(b)/(a)	EIRR %	B/C (10%)
<u>North Sumatra Province</u>							
60011	Sumbari	LD A4	140,374	20,128	0.14	11.9%	1.10
60038	Rauning	LD A2	168,734	30,949	0.18	14.3%	1.41
50025	Sumbul Berampu	VI C1	176,034	48,666	0.28	22.3%	2.14
50057	Sidomukti	VI B1	64,638	13,255	0.21	17.2%	1.65
50091	Aek Palia	VI B1	80,160	18,618	0.23	19.2%	1.85
50129	Pangambatan B	VI B2	113,552	26,485	0.23	19.4%	1.86
50141	Aek Siparbue	VI B4	68,466	10,024	0.15	12.2%	1.19
50218	Kutamale	VI B4	79,285	19,962	0.25	20.6%	1.97
50240	Asahan III Pengajian	VI B3	176,784	43,493	0.25	19.8%	1.84
50256	Aek Sihim	VI B5	106,563	20,875	0.20	16.3%	1.55
<u>South Sulawesi Pronince</u>							
20003	Kalu	LD A3	81,487	14,564	0.18	14.4%	1.36
10055	Pajjenge	VI C1	179,153	66,873	0.37	29.7%	3.06
10099	Kadieng	VI B1	477,888	172,131	0.36	29.1%	2.94
10115	Kaindi	VI B4	205,057	55,943	0.27	21.6%	2.02
10140	Lembang Bata	VI B5	118,539	32,332	0.27	22.1%	2.12
10168	Panrita	VI B2	59,934	11,926	0.20	15.1%	1.41
10182	Mario I-II-III	VI B4	100,028	15,912	0.16	12.8%	1.23
10201	Pakelli II	VI B5	151,845	23,655	0.16	12.5%	1.21
10227	Padaelo	VI B3	365,267	101,321	0.28	12.8%	1.13
10287	Malimbu	VI C2	65,853	23,013	0.35	28.1%	2.80
10332	Salu Akung	VI C1	66,922	9,573	0.14	11.8%	1.15
10354	Mariri	VI B1	165,310	63,179	0.38	30.3%	2.99
<u>West Nusa Tenggara Province</u>							
45010	Danar Jengkang	LD A4	485,417	157,523	0.32	26.4%	2.56
32013	Mada Manini	VI C2	125,757	24,876	0.20	16.4%	1.57
33050	Uma Lebang	VI B1	149,855	23,964	0.16	12.7%	1.22
34004	Lokok Tripas	VI C1	70,825	12,737	0.18	15.0%	1.44
35035	Lengkok Dudu	VI B1	98,314	12,947	0.13	11.0%	1.09
35045	Kelokos Udang	VI B5	128,325	37,593	0.29	23.1%	2.20
36016	Raba Sangga	VI C1	119,424	31,959	0.27	21.2%	2.01
37003	Montong Sapah/Puri	VI C1	54,890	25,076	0.46	35.2%	3.59

Table IX-23 CROP BUDGET OF PADDY PER HAIN FINANCIAL PRICE

Item	Unit	Province						West Nusa Tenggara Province								
		North Sumatra Province		South Sulawesi Province		West Nusa Tenggara Province										
		Without Project	With Project	Without Project	With Project	Without Project	With Project									
Qty	Price (Rp.)	Qty	Value (Rp.)	Price (Rp.)	Qty	Value (Rp.)	Price (Rp.)	Qty	Value (Rp.)	Price (Rp.)	Qty	Value (Rp.)				
<b>Revenue</b>																
Paddy Production	kg	265	2,870	760,550	3,880	1,028,200	220	3,330	732,600	4,290	943,800	215	3,380	726,700	4,330	930,950
<b>Production Cost</b>																
1. Seed																
Certified	kg	530	0	0	30	15,900	590	0	0	30	17,710	606	0	0	30	18,188
Own	kg	265	52	13,674	0	0	220	44	9,662	0	0	215	44	9,541	0	0
2. Fertilizer																
Urea	kg	220	136	29,920	250	55,000	220	147	32,340	250	55,000	220	163	35,860	250	55,000
TSP	kg	280	99	27,720	125	35,000	280	52	14,560	100	28,000	280	62	17,360	100	28,000
KCL	kg	280	39	10,920	100	28,000	280	27	7,560	75	21,000	280	35	9,800	75	21,000
3. Farm Chemicals	litter	13,000	2	20,800	2	26,000	13,000	2	20,800	2	26,000	13,000	1	13,813	2	26,000
4. Rodenticide	kg	5,000	0	0	2	10,000	5,000	0	0	2	10,000	5,000	0	0	2	10,000
Sub-total				103,034		169,900			84,922		157,710			86,373		158,188
5. Hired Labor	man-day	3,000	63	189,000	72	216,000	3,000	58	174,000	70	210,000	2,500	63	157,500	72	180,000
6. Others				15,640		19,295			10,154		26,271			11,188		16,909
Total Cost				307,674		405,195			269,076		393,981			255,061		355,097
Net Profit				452,876		623,005			463,524		549,819			471,639		575,853

Note: Averages of the results of farm interview survey are used for without project condition.

Table IX-24 CROP BUDGET OF REPRESENTATIVE PALAWIJA CROPS PER HA IN FINANCIAL PRICE

Item	Unit	North Sumatra Province (Soybeans)				South Sulawesi Province (Groundnuts)				West Nusa Tenggara Province (Soybeans)						
		Without Project		With Project		Without Project		With Project		Without Project		With Project				
		Q'ty	Price (Rp.)	Q'ty	Value (Rp.)	Q'ty	Price (Rp.)	Q'ty	Value (Rp.)	Q'ty	Price (Rp.)	Q'ty	Value (Rp.)			
<b>Revenue</b>																
Paddy Production	kg	700	820	574,000	1,200	840,000	680	880	598,400	1,200	816,000	746	940	701,240	1,400	1,044,400
<b>Production Cost</b>																
<b>1. Seed</b>																
Certified	kg	1,050		0	40	42,000	1,020	40	40,800	1,119	0	40	40	0	40	44,760
Own	kg	700	30	21,000		0	680	45	30,600	746	0	40	40	29,840		0
<b>2. Fertilizer</b>																
Urea	kg	220	60	13,200	75	16,500	220	30	6,600	220	6,600	220	20	4,400	30	6,600
TSP	kg	280	40	11,200	100	28,000	280	60	16,800	280	28,000	280	50	14,000	100	28,000
KCL	kg	280	20	5,600	50	14,000	280	20	5,600	280	14,000	280	20	5,600	50	14,000
3. Farm Chemicals	litter	13,000	1	13,000	1	13,000	13,000	0	0	13,000	13,000	13,000	1	6,500	1	13,000
4. Rodenticide	kg	5,000	0	0	0	0	5,000	0	0	5,000	0	5,000	0	0	0	0
Sub-total				64,000		113,500			59,600		102,400			60,340		106,360
5. Labor	man-day	3,000	29	87,600	30	90,000	3,000	31	93,600	3,000	100,800	2,500	28	71,000	30	75,000
6. Others				6,250		15,850			6,500		15,280			5,000		14,386
Total Cost				157,850		219,350			159,700		218,480			136,340		195,746
Net Profit				416,150		620,650			438,700		597,520			564,900		848,654



Table IX-25 ESTIMATED FARM INCOME FOR FARMS OF TYPICAL SIZE

Item	Province										
	North Sumatra			South Sulawesi			West Nusa Tenggara				
	Without Project	With Project		Without Project	With Project		Without Project	With Project			
Average	Larger	Average	Average	Larger	Average	Average	Larger	Average	Larger		
30 Schemes	farm	30 Schemes	30 Schemes	farm	30 Schemes	farm	30 Schemes	farm	30 Schemes	farm	
1) Planted Area (ha)											
Irrigated Paddy	0.35	0.50	0.64	1.50	0.58	0.50	1.06	1.50	0.33	0.50	1.50
Rainfed Paddy	0.05	1.00	0.00	0.00	0.07	1.00	0.00	0.00	0.01	1.00	0.00
Palawija Crops	0.08	0.70	0.06	0.70	0.23	0.70	0.15	0.70	0.17	0.70	0.70
Orchard/Grove	0.39	0.40	0.29	0.40	0.16	0.40	0.13	0.40	0.15	0.40	0.40
2) Net Revenue per ha											
Irrigated Paddy	453	453	623	623	464	464	550	550	550	550	576
Rainfed Paddy	262	262	262	262	281	281	281	281	281	281	281
Palawija Crops	416	416	621	621	439	439	598	598	598	598	849
Orchard/Garden	400	400	400	400	400	400	400	400	400	400	400
3) Net Farm Income											
Irrigated Paddy	159	226	399	935	269	232	583	825	181	275	864
Rainfed Paddy	8	262	0	0	20	281	0	0	3	281	0
Palawija Crops	33	291	37	434	101	307	90	418	102	418	594
Orchard/Garden	156	160	116	160	64	160	52	160	60	160	160
4) Total Farm Income	356	940	552	1,529	453	980	724	1,403	346	1,134	1,618
5) Other Income	30		30		30		30		30		30
6) Land Tax	4	17	7	20	8	17	12	20	5	17	20
7) Disposable Income	381	923	575	1,509	476	963	743	1,383	371	1,118	1,598
8) Increase in D.Income			194	586			267	420			481

Note: 1. The minimum consumption expenditure under PU guidelines (PSA 001, 1985) is Rp.720,000 per family.

2. 10 man-days of farm labor income is assumed for "Other Income."

3. Net farm income is derived from financial crop budgets.

4. A model of larger farm follows that of Erickson 1991.

Table IX-26 ESTIMATES OF B/C FOR LAND DEVELOPMENT SCHEMES

No.	Code	Scheme Name	Group	Economic Initial Cost/ Annual benefit	Estimated B/C (10%)	Score
<b>NORTH SUMATRA</b>						
1	60002	Kuta Gambir	A4	0.15	1.13	15
2	60003	Siarung Arung	A4	0.14	1.04	15
3	60004	Gapaulako-Galian Pancur nandi	A4	0.13	1.00	0
4	60005	Paniki II	A4	0.19	1.49	15
5	60006	Kabau Tengah	A4	0.20	1.56	20
6	60008	Amborgang	A1	0.13	1.04	15
7	60010	Lae Pangaroan	A3	0.15	1.12	15
8	<b>60011</b>	<b>Sumhari</b>	<b>A4</b>	<b>0.14</b>	<b>1.10</b>	15
9	60012	Lae Rakkom	A2	0.14	1.07	15
10	60013	Lae Pinager	A4	0.18	1.41	15
11	60014	Paniki I	A2	0.19	1.52	20
12	60016	Silcu Icu Sagala Raja	A4	0.11	0.84	0
13	60017	Simanduna	A3	0.06	0.46	0
14	60020	Mungkur	A4	0.20	1.57	20
15	60021	Paluh Paki	A2	0.17	1.30	15
16	60022	Timbang Lawang	A2	0.02	0.13	0
17	60023	Sinar Toba Simanggala	A2	0.17	1.30	15
18	60025	Ulu Mahuan	A2	0.31	2.44	25
19	60027	Aek Tobang	A2	0.29	2.31	25
20	60028	Mandailing	A2	0.18	1.40	15
21	60029	Aek Baja	A2	0.22	1.72	20
22	60031	Aek Sipalis	-	-	-	-
23	60033	Parlunggean	A4	0.22	1.74	20
24	60034	Sisuhar-Suhar	A4	0.19	1.47	15
25	60035	Aek Silalang	-	-	-	-
26	60036	Aek Sidoras	-	-	-	-
27	60037	Silinggom-Linggom	A4	0.22	1.71	20
28	<b>60038</b>	<b>Rauning B</b>	<b>A2</b>	<b>0.18</b>	<b>1.41</b>	15
29	60040	Aek Solok	-	-	-	-
30	60041	Tahalak Rauning A	A2	0.23	1.83	20
31	60042	Aek Suhat	A2	0.32	2.52	25
32	60045	Saba Bolak	A3	0.31	2.43	25
<b>SOUTH SULAWESI</b>						
1	20002	Cerowali	A1	-	-	-
2	<b>20003</b>	<b>Kalu</b>	<b>A3</b>	<b>0.18</b>	<b>1.36</b>	15
3	20004	Leko Ballo	A1	0.27	2.10	25
4	20005	Taretta	A3	-	-	-
5	20008	Jinetalasa	A1	0.08	0.62	0
6	20009	Belong	A3	0.44	3.47	25
7	20010	Calendu I	A3	0.05	0.40	0
8	20011	Panaikang II	A4	0.01	0.04	0
9	20017	Salobunne	A1	-	-	-
10	20393	Sumamillan	A2	0.32	2.55	25
<b>WEST NUSA TENGGARA</b>						
1	43001	MOYO	A1	0.12	0.91	0
2	43002	BERINGIN SILA	A1	0.29	2.25	25
3	43003	KUANG RAKO	A1	-	-	-
4	43004	MARENTEH	A1	0.14	1.06	15
5	43005	LEKONG	A1	-	-	-
6	43006	TIWU KAWA	A1	0.06	0.47	0
7	43007	PLAMPANG	A1	-	-	-
8	43010	PLAMPO'D	A1	-	-	-
9	43011	TARUSAN	A1	-	-	-
10	43012	JURU MAPIN	A1	-	-	-
11	44007	SANTONG	A1	0.27	2.09	25
12	44008	MAGIK KEMBAR	A2	-	-	-
13	44010	REMPEK	A1	-	-	-
14	44012	PRAWIRA	A1	-	-	-
15	45004	BILE REMONG	A1	-	-	-
16	<b>45010</b>	<b>DANAR JENGGANG</b>	<b>A3</b>	<b>0.32</b>	<b>2.56</b>	25
17	45016	PELEMENG	A3	0.10	0.77	0
18	45017	HJO DALIF	A1	0.33	2.56	25
19	45023	LENDANG GUAR	A3	0.28	2.16	25
20	46001	RABA KECIL	A3	-	-	-

Note: Schemes in bolded letters are representative 30 schemes.



## NORTH SUMATRA (3/3)

No.	Code	Scheme Name	Group	Economic	Estimated	Score
				Initial Cost/ Annual Benefit	B/C (10%)	
177	50203	Pergandengan	B4	0.15	1.18	15
178	50204	Sabah lama	B4	0.13	0.98	0
179	50205	Lau Kesumpat	C2	0.10	0.74	0
180	50206	Sabah Lapa	B1	0.19	1.48	15
181	50207	Gurubenua	B4	0.17	1.34	15
182	50208	Sabah Dekel	B4	0.20	1.55	20
183	50209	Sabah Namu Lemba	B4	0.20	1.55	20
184	50210	Lau Galuh	B4	0.18	1.42	15
185	50211	Lau Pengulu	B4	0.15	1.17	15
186	50212	Parit Gedang Air Mas	B1	0.17	1.33	15
187	50213	Kacaribu	R1	0.11	0.81	0
188	50214	Sumbakea	B5	0.13	0.99	0
189	50215	S. Kenjabe	C1	0.11	0.88	0
190	50216	Barong Kersap	B4	0.13	1.01	15
191	50217	Sukajulu	B1	0.14	1.10	15
192	50218	<b>Kutamak</b>	<b>B4</b>	<b>0.25</b>	<b>1.92</b>	<b>20</b>
193	50220	Beringin	B4	0.23	1.76	20
194	50225	Marjanji Aceh	B5	0.43	1.89	20 Pump
195	50226	Desa Gajah	B6	0.16	1.21	15
196	50228	Siantapa/Siou	B3	0.15	1.14	15
197	50240	<b>Asahan VIII Pengaliran</b>	<b>B3</b>	<b>0.25</b>	<b>1.84</b>	<b>20</b>
198	50245	Pulorejo	B3	0.22	1.72	20
199	50246	Aek Sangulan	B1	0.14	1.08	15
200	50247	Tanobudon	B1	0.15	1.12	15
201	50248	Tahalak Saba Bahalan	B4	0.14	1.05	15
202	50249	Bondar Dolak Tuniang	B1	0.16	1.27	15
203	50250	Aek Sitekkean	B4	0.17	1.30	15
204	50251	Aek Harsik	B4	0.22	1.73	20
205	50252	Marsunggang Batang Pane	B4	0.14	1.10	15
206	50253	Sungai Sidah	B4	0.16	1.25	15
207	50254	Batang Gadis	B1	0.15	1.14	15
208	50255	Aek Mahual	B1	0.16	1.22	15
209	50256	<b>Aek Sibih</b>	<b>B5</b>	<b>0.20</b>	<b>1.55</b>	<b>20</b>
210	50258	Sirai Bujang	B5	0.17	1.34	15
211	50259	Bulu Somk	B4	0.10	0.73	0
212	50260	Tano Tiris I	B1	0.15	1.15	15
213	50261	Tano Tiris II	B3	0.15	1.16	15
214	50262	Sungai Batang Natal	B2	0.15	1.19	15
215	50263	Balimbing	B4	0.20	1.60	20
216	50264	Torkalas	B4	0.15	1.15	15
217	50265	Saba Napu Gulangan	B4	0.13	1.01	15
218	50266	Bondar Tuniang	B1	0.14	1.09	15
219	50267	Aek Aloban	B4	0.12	0.93	0
220	50268	Sabatolak	B4	0.15	1.16	15
221	50269	Bondar Lapan Aek Sibih	B1	0.14	1.05	15
222	50270	Sungai Sidadi	B5	0.16	1.27	15
223	50271	Sungai Batang Natal	B1	0.13	0.98	0
224	50272	Bondar Hulusoma	B4	0.17	1.29	15
225	50273	Sungai Batang Natal	B4	0.11	0.81	0
226	50274	Siraja Omping	B4	0.10	0.75	0
227	50275	Aek Latong	B4	0.13	0.98	0
228	50276	Panyanggar Julu	C1	0.14	1.08	15
229	50277	Sabajulu/Hutaimbaru	B1	0.11	0.83	0
230	50278	Sihapas Batang Gadis	B4	0.11	0.85	0
231	50279	Sabaipar	B2	0.16	1.27	15
232	50283	Dusun X, XI, XII	B1	0.15	1.17	15
233	50288	Sei Rejo	B1	0.23	1.02	15 Pump
234	50289	Sei Blumei	C3	0.27	2.09	25
235	50293	Sungai Rambung	B2	0.16	1.27	15
236	50294	Bukit Cermin	B1	0.13	1.02	15
237	50296	Sungai Kerapuh	B1	0.20	1.53	20
238	50299	Paluh Kemiri	B1	0.16	1.26	15
239	50300	Sungai Belutu	B1	0.12	0.95	0
240	50302	Lau Keramat	C1	0.18	1.36	15
241	50303	Sungai Belutu	B4	0.13	1.00	15
242	50306	Sipanguspan	C1	0.14	1.08	15
243	50307	Bondar Julu	B2	0.16	1.27	15
244	50308	Sinapolan	B5	0.17	1.32	15
245	50309	Saba Hutadangka	B5	0.24	1.90	20
246	50310	Siranap	B4	0.14	1.06	15
247	50311	Aek Sibontar	B4	0.15	1.13	15

## SOUTH SUMATRA (1/4)

No.	Code	Scheme Name	Group	Economic	Estimated	Score
				Initial Cost/ Annual Benefit	B/C (10%)	
1	10001	Balangniring	B4	0.07	0.54	0
2	10003	Kijang	B4	0.07	0.54	0
3	10004	Batu Kautu	C1	0.13	1.00	15
4	10005	Bungloe	B5	0.11	0.83	0
5	10008	Siosa I	B5	0.07	0.53	0
6	10009	Perangpang	B5	0.11	0.80	0
7	10010	Bulu sumang	B5	0.14	1.08	15
8	10012	Sabarro	B5	0.12	0.91	0
9	10013	Woddie	B3	0.16	1.27	15
10	10014	Batu Gadang	B3	0.13	1.02	15
11	10015	Cenrana	B3	0.34	2.70	25
12	10016	Lapangpang	B6	0.40	3.16	25
13	10017	Sabbang Paru	B3	0.40	3.16	25
14	10018	Lawara	B1	0.40	3.16	25
15	10019	Piang	B4	0.17	1.32	15
16	10020	Liu Sitoppo	B4	0.02	0.14	0
17	10022	Tiopa	B1	0.21	1.63	20
18	10023	Tondon Buah (Tondon)	B4	0.20	1.55	20
19	10024	Elle (Tondon)	B4	0.27	2.08	25
20	10025	Ompang Use	B4	0.18	1.44	15
21	10026	Toila	B4	0.18	1.44	15
22	10028	Tubung	B4	0.25	1.96	20
23	10029	Balsiru	B1	0.27	2.08	25
24	10030	Ajakkang	B1	0.22	1.70	20
25	10031	Aluppang	B1	0.31	2.44	25
26	10032	Padang Lampe	B4	0.26	2.03	25
27	10033	Lappa Talle	B4	0.31	2.44	25
28	10034	Toddang Joempi	B1	0.40	3.16	25
29	10035	Gouari	B4	0.16	1.25	15
30	10036	Sato Pokki	B3	0.40	3.16	25
31	10037	Ulu Bubung	B3	0.40	3.16	25
32	10038	Marangging	B4	0.07	0.48	0
33	10039	Langi	B4	0.04	0.30	0
34	10040	Patukku	C1	0.13	1.01	15
35	10041	Langgara	B4	0.27	2.08	25
36	10042	Lakojang	B4	0.31	2.40	25
37	10043	Lappa Karong	B4	0.27	2.08	25
38	10044	S.Bakke	C1	0.12	0.89	0
39	10046	S.Lita	B1	0.27	2.08	25
40	10048	Laom	B3	0.40	3.16	25
41	10049	Ajakkang	B1	0.13	1.00	0
42	10050	Alakkang	B1	0.14	1.07	15
43	10051	Batu Marsjau	C3	0.13	1.01	15
44	10052	Matsjau	B1	0.25	1.99	20
45	10053	Patukka	C1	0.12	0.95	0
46	10055	<b>Pallangka</b>	<b>C1</b>	<b>0.27</b>	<b>2.06</b>	<b>25</b>
47	10056	Psijang E	C1	0.12	0.95	0
48	10057	Waepubtu	B3	0.22	1.75	20
49	10058	Ulo	C1	0.12	0.96	0
50	10060	Bunewe	B1	0.20	1.60	20
51	10061	Galung Bera	B2	0.21	1.60	20
52	10062	Baji Areng	B4	0.08	0.56	0
53	10063	Amisa	B2	0.12	0.92	0
54	10064	Balumbang	B2	0.27	2.08	25
55	10065	Kompeni	B1	0.16	1.26	15
56	10066	Lembang Timurang	B2	0.22	1.73	20
57	10067	Kassi Buleng	B1	0.17	1.32	15
58	10068	Jamua	B4	0.22	1.71	20
59	10069	Sacajoko	B4	0.15	1.14	15
60	10070	Paocani	B4	0.33	2.62	25
61	10071	Paotrang	C1	0.13	0.98	0
62	10072	Bongkarne	B4	0.22	1.69	20
63	10073	Pakombong I	B5	0.25	1.93	20
64	10074	Pakombong II	B4	0.32	2.55	25
65	10075	Palonggo	B4	0.13	1.04	15
66	10076	Sengi Panda	B4	0.09	0.61	0
67	10077	Marame I	B4	0.27	2.08	25
68	10078	Marame II	B4	0.22	1.73	20
69	10079	Potehali	B5	0.27	2.08	25
70	10080	Kaue	B4	0.17	1.28	15
71	10081	Leumbang parang	B1	0.18	1.44	15
72	10082	Capeangge	B2	0.12	0.93	0
73	10083	Banbaungau	C2	0.13	1.01	15
74	10084	Ili I	B4	0.06	0.42	0
75	10085	Ili II	B4	0.06	0.43	0
76	10086	Lakatoang	C1	0.13	0.98	0
77	10087	Balujeja I	B4	0.13	1.01	15
78	10088	Balujeja II (Lajeja)	B4	0.06	0.45	0
79	10089	Bontopaso	B4	0.09	0.65	0
80	10090	Barana II	B5	0.26	2.04	25
81	10091	Balakang	B4	0.12	0.89	0
82	10092	Majangka	B5	0.07	0.48	0
83	10093	Patontongau	B5	0.08	0.63	0
84	10094	Balutonipo	B4	0.14	1.10	15
85	10095	Matlu	B5	0.11	0.86	0
86	10096	Lahumutu	B5	0.09	0.65	0
87	10097	Borongkondo	B5	0.15	1.16	15
88	10098	Bontorhu	B5	0.07	0.54	0

Note: Schemes in bolded letters are representative 30 schemes.





(5/5)

## WEST NUSA TENGGARA (22)

No.	Code	Scheme Name	Group	Economic	Estimated	Score
				Initial Cost/ Annual Benefit	B/C (10%)	
89	35019	DURLAN	B5	0.25	1.92	20
90	35020	GOGÉ	B5	0.38	3.00	25
91	35021	LARUNG	B5	0.18	1.43	15
92	35022	AMBUNG	B4	0.18	1.43	15
93	35028	BONARE	B6	0.19	1.50	15
94	35029	DADAP/SAMBEJR	B6	0.18	1.42	15
95	35030	MUNDAK	B1	0.19	1.46	15
96	35031	H. UJABAB	C2	0.22	1.69	20
97	35032	SAPFA	C2	0.21	1.68	20
98	35034	KETANGGA	B5	0.19	1.45	15
99	35035	LINGKOK DUDU	B1	0.13	1.02	15
100	35037	KARONG	B5	0.22	1.72	20
101	35044	KELOKSI/PANG	B5	0.22	2.20	25
102	35046	SRJATA	B5	0.21	1.62	20
103	36002	ABU SANAR/MANGGE	C1	0.12	0.91	0
104	36003	MILA	B1	0.12	0.95	0
105	36004	NTONA NAA	C1	0.13	0.98	0
106	36006	LAPA PAA	C1	0.12	0.91	0
107	36007	LERE	C1	0.11	0.81	0
108	36009	MONTA	B1	0.25	1.92	20
109	36010	SAFE	C1	0.12	0.90	0
110	36011	DADI	C1	0.12	0.91	0
111	36012	UMAKEKA	C1	0.11	0.88	0
112	36013	OI ROKO	C1	0.01	0.26	0
113	36014	DAM BROJONG	B1	0.22	1.74	20
114	36015	RABA JATI	C1	0.09	0.72	0
115	36016	RABA SANGGA	C1	0.27	2.01	25
116	36017	RADE	B1	0.19	1.47	15
117	36018	DAM NGGERU	B1	0.22	1.68	20
118	36019	PANDE	B1	0.21	1.61	20
119	36020	DAM MBODA II	C1	0.10	0.79	0
120	36023	OI KARONI	B1	0.21	1.66	20
121	36024	LASOKI	B1	0.24	1.84	20
122	36026	NOR	C1	0.11	0.86	0
123	36027	NAE	C1	0.12	0.95	0
124	36029	MANGGE/NGGAWU-NGGAW	C1	0.12	0.88	0
125	36031	DAM NDOLO	C1	0.10	0.74	0
126	37001	JURANG JEMBOX	B5	0.35	2.74	25
127	37002	EYAT KUBUR KELANJUR	B4	0.36	2.85	25
128	37003	MONTONG SAPAH/PURI	C1	0.46	3.59	25
129	37004	NANGKER	B6	0.57	4.49	25
130	37005	TIBU PETUNG	B4	0.57	4.49	25
131	37006	SUKA RAJA	B4	0.52	4.15	25
132	136002	TOLOTUY	C1	0.21	1.69	20
133	136003	DAM BOJA	B2	0.33	2.64	25
134	136004	DAM DIWU MPINGA	B2	0.21	1.66	20
135	136005	SORI TOLO LERE	C1	0.21	1.68	20
136	136006	SONCO KATIPU	C1	0.21	1.67	20
137	136007	OYI FANDA	B1	0.24	1.87	20

Note: Schemes in bolded letters are representative 30 schemes.

Table IX-28 ANNUAL ACCRUEMENT OF INITIAL PROJECT COSTS

(1/3) LAND DEVELOPMENT PROJECTS

Year	1993		1994		1995		1996		1997		1998		1999		2000		Total		
	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	
Preparatory Works			48	29	24	14	24	14	14	18	11	6	4				120	72	192
Civil Works																			
Land Development					676	610	253	229	422	381	338	304					1,689	1,524	3,213
Intake and Canal Structure					700	630	263	237	438	394	263	237					1,664	1,498	3,162
Training			2	13	2	13	2	13	2	13	2	13					10	65	75
Institutional Strengthening			7	2	6	2	6	2	3	3	2	3					25	10	35
O&M Equipment					56	5	21	2	35	3	28	2					140	12	152
Administration						86				52									
Engineering Service			180	45	120	30	120	30	120	30	60	15					600	150	750
Physical Contingency			12	8	79	70	34	31	52	44	35	31					212	184	396
Total			249	166	1,663	1,460	725	643	1,090	930	735	660					4,460	3,859	8,320

(2/3) VILLAGE IRRIGATION PROJECTS

Year	1993		1994		1995		1996		1997		1998		1999		2000		Total		
	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	
Preparatory Works			572	344	215	129	215	129	215	129	72	43	72	43	72	43	1,433	860	2,293
Civil Works																			
Land Development					527	474	198	178	329	296	263	237					1,317	1,185	2,502
Intake and Canal Structure					3,726	3,353	3,726	3,353	3,726	3,353	3,726	3,353					14,904	13,414	28,318
Training			7	38	27	163	34	194	34	194	27	153	7	38			136	780	916
Institutional Strengthening			55	19	35	19	55	19	55	19	28	10	14	5	14	5	276	96	372
O&M Equipment					338	30	338	30	338	30	338	30					1,690	152	1,842
Administration						324				243						81			
Engineering Service			1,444	361	1,444	361	1,444	361	1,444	361	722	181	361	90	90	90	6,949	1,715	8,664
Physical Contingency			104	54	317	243	301	229	307	231	259	213	40	14	9	6	1,335	991	2,326
Total			2,182	1,140	6,649	5,097	6,311	4,818	6,448	4,857	5,435	4,463	832	302	185	135	28,040	20,812	48,853

(3/3) OVERALL PROJECTS

Year	1993		1994		1995		1996		1997		1998		1999		2000		Total		
	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	F/C	L/C	
Preparatory Works			630	382	239	143	239	143	233	143	78	48	72	48	72	48	1,553	955	2,508
Civil Works																			
Land Development					527	527	198	198	329	329	263	263					1,317	1,317	2,634
Intake and Canal Structure					3,726	3,726	3,726	3,726	3,726	3,726	3,726	3,726					14,904	14,904	29,808
Training			7	38	27	163	34	194	34	194	27	153	7	38			136	780	916
Institutional Strengthening			55	24	55	24	55	24	55	24	28	12	14	6	14	6	276	120	396
O&M Equipment					338	38	338	38	338	38	338	38					1,690	190	1,880
Administration						324				243						81			
Engineering Service			1,444	361	1,444	361	1,444	361	1,444	361	722	181	361	90	90	90	6,949	1,715	8,664
Physical Contingency			106	56	318	265	302	250	308	253	259	233	40	15	9	7	1,341	1,080	2,421
Total			2,232	1,185	6,674	5,571	6,336	5,238	6,467	5,311	5,441	4,897	832	316	185	142	28,166	22,681	50,847



Table IX-29 COST BENEFIT STREAM OF THE LAND DEVELOPMENT PROJECTS

Year	Costs			Benefit	Balance
	Capital	Replacement	O&M		
1	1993	0	0	0	0
2	1994	415	0	0	-415
3	1995	3,124	0	124	-3,000
4	1996	1,367	22	247	-1,142
5	1997	2,020	42	464	-1,598
6	1998	1,395	71	789	-678
7	1999	0	94	1,036	942
8	2000	0	106	1,175	1,069
9	2001	0	112	1,237	1,125
10	2002	0	112	1,237	1,125
11	2003	0	112	1,237	1,125
12	2004	0	112	1,237	1,125
13	2005	0	112	1,237	1,125
14	2006	0	112	1,237	1,067
15	2007	0	58	1,237	1,103
16	2008	0	36	1,237	1,089
17	2009	0	29	1,237	1,096
18	2010	0	112	1,237	1,125
19	2011	0	112	1,237	1,125
20	2012	0	112	1,237	1,125
21	2013	0	112	1,237	1,125
22	2014	0	112	1,237	1,125
23	2015	0	112	1,237	1,125
24	2016	0	58	1,237	1,067
25	2017	0	22	1,237	1,103
26	2018	0	36	1,237	1,089
27	2019	0	29	1,237	1,096
28	2020	0	112	1,237	1,125
29	2021	0	112	1,237	1,125
30	2022	0	112	1,237	1,125
31	2023	0	112	1,237	1,125
32	2024	0	112	1,237	1,125
33	2025	0	112	1,237	1,125
34	2026	0	58	1,237	1,067
35	2027	0	-61	1,237	1,186

EIRR= 12.0%  
 NPV(10%)= 1,031  
 B/C(10%)= 1.16  
 Unit: Rp. million

Table IX-30 COST BENEFIT STREAM OF THE VILLAGE IRRIGATION PROJECTS

Year	Costs			Benefit	Balance
	Capital	Replacement	O&M		
1	1993	0	0	0	0
2	1994	3,322	0	0	-3,322
3	1995	11,745	0	0	-11,745
4	1996	11,129	168	1,340	-9,957
5	1997	11,305	315	3,350	-8,270
6	1998	9,898	536	6,030	-4,403
7	1999	1,133	704	8,711	6,874
8	2000	320	798	10,051	8,932
9	2001	0	840	10,721	9,881
10	2002	0	840	10,721	9,881
11	2003	0	840	10,721	9,881
12	2004	0	840	10,721	9,881
13	2005	0	483	840	1,324
14	2006	0	483	840	1,324
15	2007	0	483	840	1,324
16	2008	0	483	840	1,324
17	2009	0	840	840	840
18	2010	0	840	840	840
19	2011	0	840	840	840
20	2012	0	840	840	840
21	2013	0	840	840	840
22	2014	0	840	840	840
23	2015	0	385	840	1,226
24	2016	0	385	840	1,226
25	2017	0	385	840	1,226
26	2018	0	385	840	1,226
27	2019	0	840	840	840
28	2020	0	840	840	840
29	2021	0	840	840	840
30	2022	0	840	840	840
31	2023	0	840	840	840
32	2024	0	840	840	840
33	2025	0	483	840	1,324
34	2026	0	483	840	1,324
35	2027	0	-552	840	288

EIRR= 17.2%  
 NPV(10%)= 23,623  
 B/C(10%)= 1.62  
 Unit: Rp. million

Table IX-31 COST BENEFIT STREAM OF THE OVERALL PROJECT

		Costs			Benefit		Balance
Year		Capital Replacement	O&M	Total			
1	1993	0	0	0	0	0	0
2	1994	3,737	0	3,737	0	-3,737	
3	1995	14,869	0	14,869	124	-14,745	
4	1996	12,496	0	12,686	1,587	-11,099	
5	1997	13,325	0	13,682	3,814	-9,868	
6	1998	11,293	0	11,900	6,819	-5,081	
7	1999	1,133	0	1,931	9,747	7,816	
8	2000	320	0	1,225	11,226	10,001	
9	2001	0	0	952	11,958	11,005	
10	2002	0	0	952	11,958	11,005	
11	2003	0	0	952	11,958	11,005	
12	2004	0	0	952	11,958	11,005	
13	2005	0	483	1,436	11,958	10,522	
14	2006	0	541	1,493	11,958	10,464	
15	2007	0	505	1,457	11,958	10,500	
16	2008	0	520	1,472	11,958	10,486	
17	2009	0	29	952	11,958	10,977	
18	2010	0	0	952	11,958	11,005	
19	2011	0	0	952	11,958	11,005	
20	2012	0	0	952	11,958	11,005	
21	2013	0	0	952	11,958	11,005	
22	2014	0	0	952	11,958	11,005	
23	2015	0	385	1,338	11,958	10,620	
24	2016	0	443	1,395	11,958	10,562	
25	2017	0	407	1,359	11,958	10,598	
26	2018	0	422	1,374	11,958	10,584	
27	2019	0	29	952	11,958	10,977	
28	2020	0	0	952	11,958	11,005	
29	2021	0	0	952	11,958	11,005	
30	2022	0	0	952	11,958	11,005	
31	2023	0	0	952	11,958	11,005	
32	2024	0	0	952	11,958	11,005	
33	2025	0	483	1,436	11,958	10,522	
34	2026	0	541	1,493	11,958	10,464	
35	2027	0	-614	339	11,958	11,619	

Sensitivity of EIRR

Increase in Cost	Decrease in Benefit		
	0%	-10%	-20%
0%	16.5%	14.8%	13.0%
+10%	14.9%	13.3%	11.6%
+20%	13.6%	12.1%	10.5%

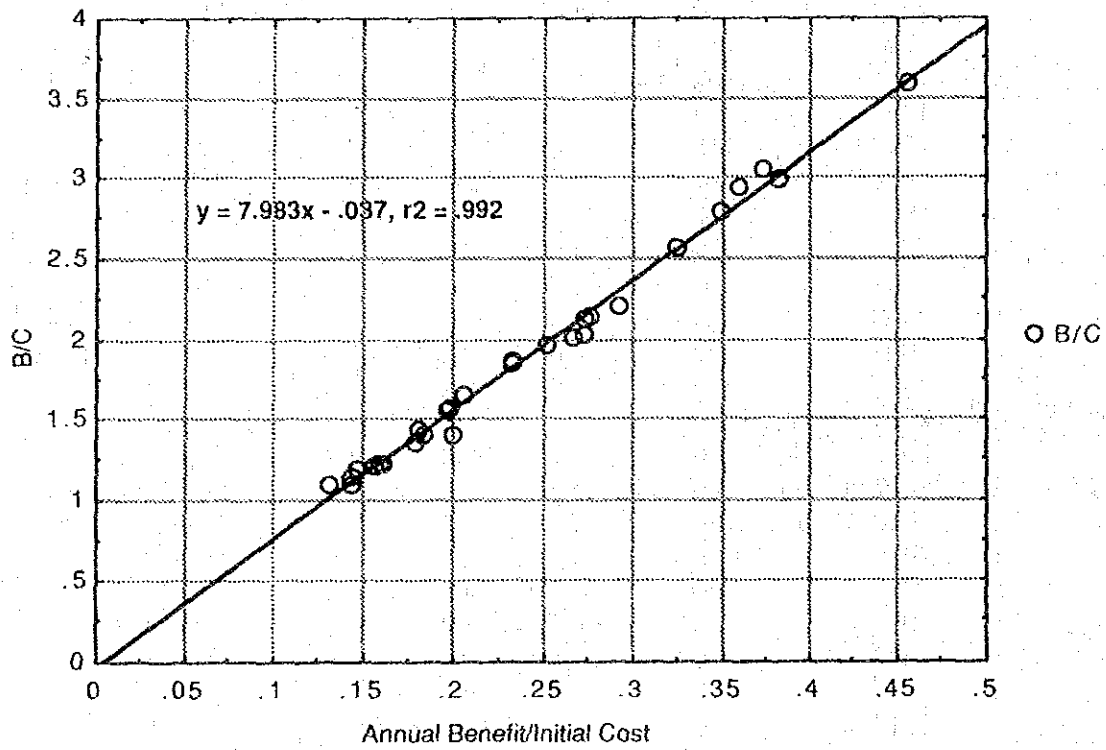
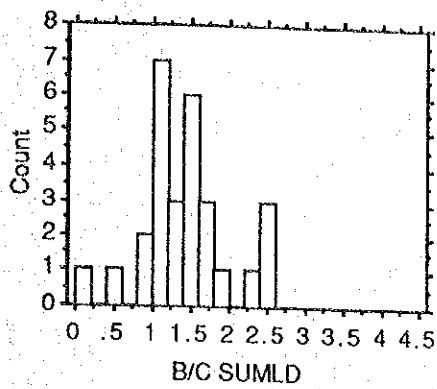
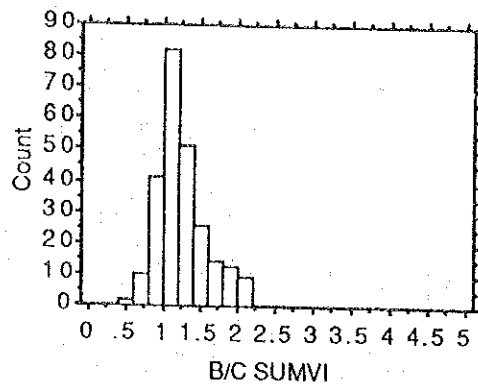


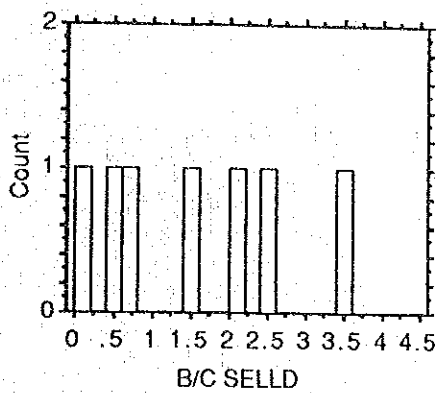
Fig. IX-1 SCATTERGRAM OF B/Cs AND ANNUAL BENEFIT/INITIAL COST OF 28 SCHEMES



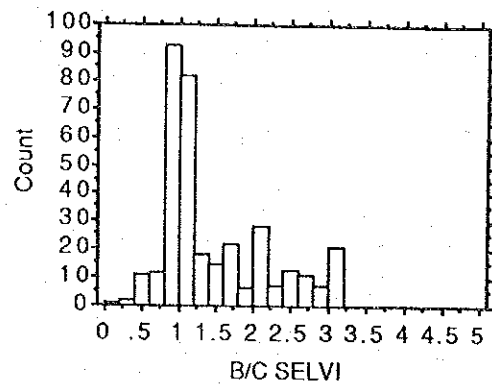
Land Development - North Sumatra



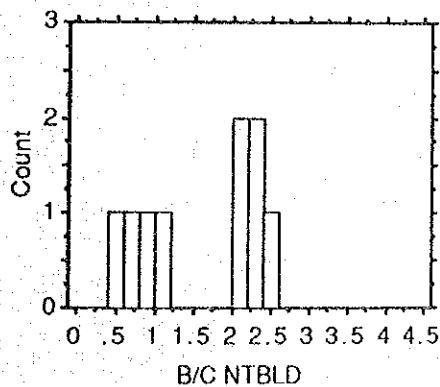
Village Irrigation - North Sumatra



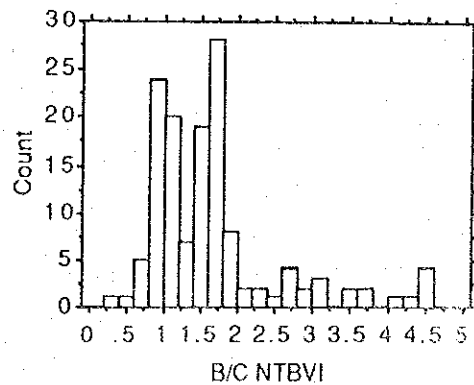
Land Development - South Sulawesi



Village Irrigation - South Sulawesi



Land Development - West Nusa Tenggara



Village Irrigation - West Nusa Tenggara

Fig. IX-2 HISTOGRAMS OF B/C

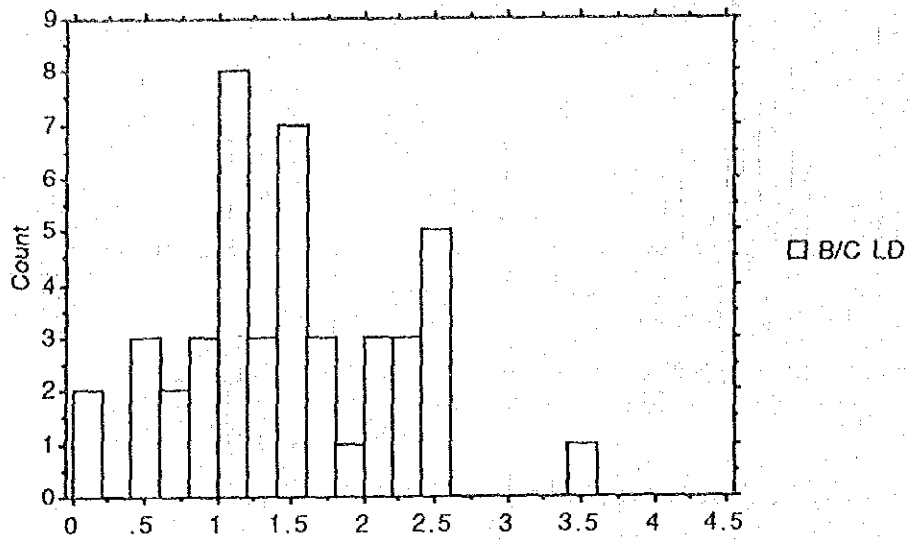


Fig. IX-3 HISTOGRAM OF B/C, LAND DEVELOPMENT SCHEMES

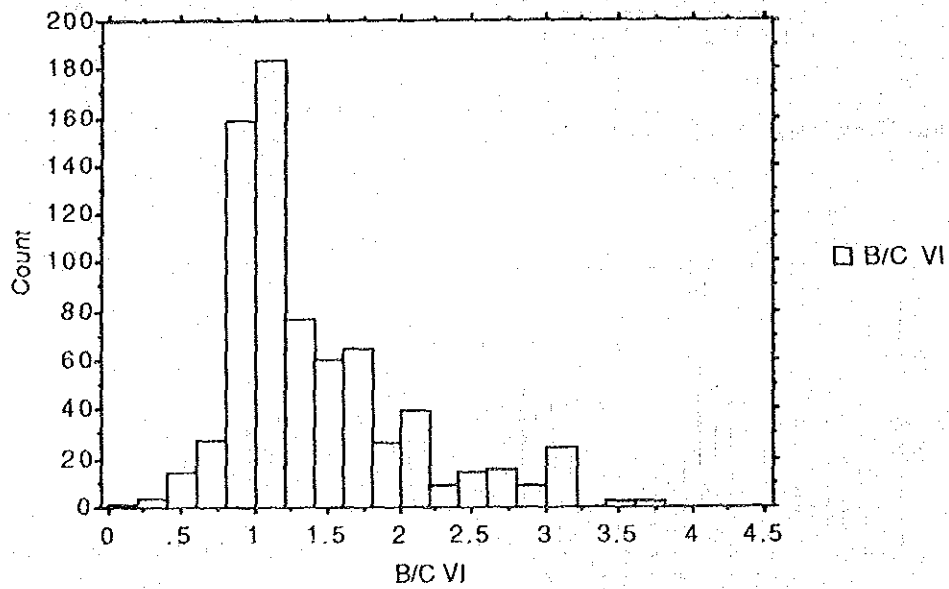


Fig. IX-4 HISTOGRAM OF B/C, VILLAGE IRRIGATION SCHEMES

**APPENDIX-X**

**GUIDELINES FOR SURVEY, INVESTIGATION, DESIGN  
AND PROJECT IMPLEMENTATION**



## APPENDIX X GUIDELINES FOR SURVEY, INVESTIGATION, DESIGN AND PROJECT IMPLEMENTATION

### 1. GUIDELINES FOR TYPICAL METHOD OF SURVEY & PLANNING

#### 1.1 General

As shown in the Chapter III, Clause 3.1, the land development project is composed of land development schemes and village irrigation schemes. The objective of inventory survey is to catch hold of present conditions on irrigation and drainage facilities and development potential on agriculture for the both schemes, and also to apply the collected data as basic figure for the further study of project formulation in objective provinces. In accordance with the procedure in the Study, guidelines for typical method of further survey and planning is mentioned as below.

#### 1.2 Objective Province

Administrative area of Indonesia is divided into twenty seven (27) provinces including special administration districts. The draft implementation program has been formulated in three (3) provinces of North Sumatra, South Sulawesi and West Nusa Tenggara as the representative provinces in the Study. Further the Ministry of Agriculture carried out the same inventory survey in five (5) provinces, that is, Aceh, Lampung, South East Sulawesi, Central Sulawesi and East Nusa Tenggara. As to this five (5) provinces, implementation program should be formulated as the base of collected data in future. As to the remaining nineteen (19) provinces, the inventory survey and study is desirable to commence judging from the progress of the above eight (8) provinces

#### 1.3 Scheme Number of Inventory Survey

In three (3) provinces, the actual rate which the inventory survey was carried out using the selection criteria on inventory survey schemes shows about 40 % of total number of existing village irrigation schemes. Based on the experience, required number of inventory survey is proposed as following table for the five (5) and nineteen (19) provinces.



Unit : nos.

Province	Number of Present VI Scheme	Number of Potential Area of LD Scheme	Number of Already Surveyed Scheme	Additional Survey Required
Ache	598	126	139	100
Lampung	130	76	117	-
South East Sulawesi	263	53	59	50
Central Sulawesi	134	112	82	-
NTT	305	45	43	80
Total	1,430	412	440	230
Other 19 Provinces	19,300	N.A.	-	7,700

#### 1.4 Survey Agency and Survey Period

From the experience of inventory survey in the five (5) provinces, the same agency, which is Directorate of Land Rehabilitation and Development (DLRD) in Jakarta should be continued to carry out overall arrangement of the inventory survey. As for the more detailed instruction to the provincial agriculture services, however, it is necessary that the inventory survey should carry out not only the village irrigation schemes but also the land development schemes.

Basic Plan for the Inventory Survey and Budgetary Arrangement	Directorate of Land Rehabilitation & Development, DGFC
Implementation of Inventory Survey	Provincial and Prefectural Agricultural Services
1st Check of Collected Data	Provincial and Prefectural Agricultural Services
Computer Treatment of Collected Data and Analysis	Directorate of Land Rehabilitation & Development, DGFC

Additional survey and data arrangement of the five (5) provinces should be carried out as soon as possible for the project implementation as second stage development and it is desirable to finish data analysis before the project implementation of three (3) provinces. As to the nineteen (19) provinces, such inventory survey is recommend to carry out in

order in accordance with progress of the project implementation in eight (8) provinces. Also the detailed instruction on the inventory survey is necessary to the each province.

### 1.5 Guidelines for Typical Method of Survey & Planning

In principle the survey and planning methods which have been developed in the Study should be followed in further study. Flow od outline of the works up to the formulation of implementation program is shown in the below diagram. Typical method of survey and planning are shown in Table X-1.

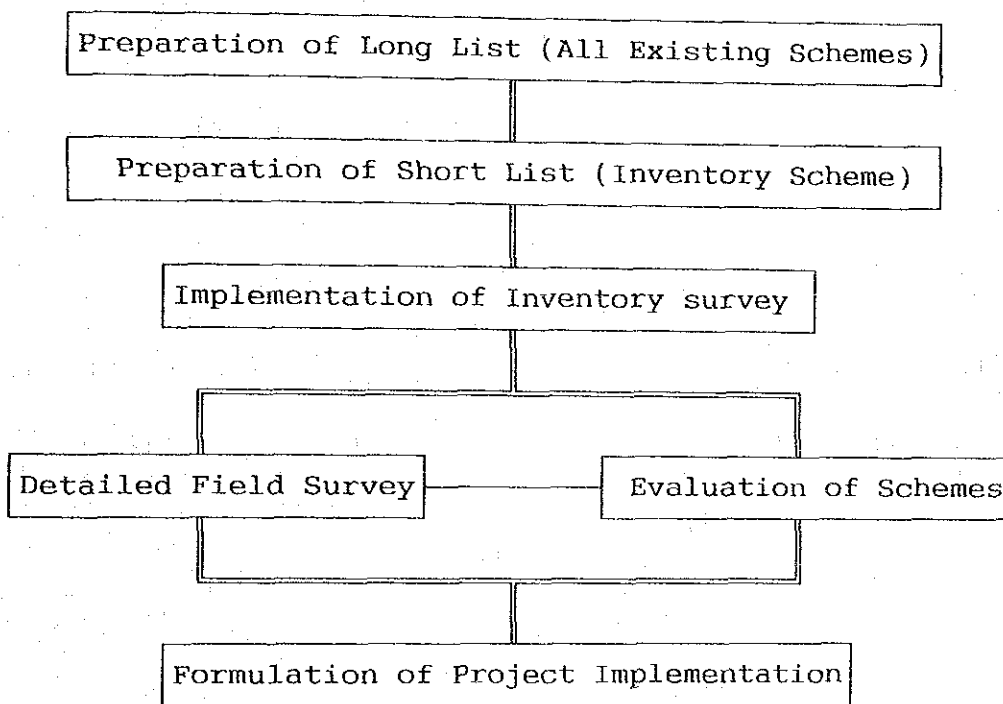


Table X-1 GUIDELINES FOR TYPICAL METHOD OF SURVEY & PLANNING

(1/4)

Work Item	Guidelines and Special Attention
1. Preparation of long list	Arrangement of basic registration list for potential schemes of land developments and existing village irrigation schemes. Items of arrangement are name of scheme, location, present size of paddy field, potential area, present facilities conditions.
a. LD Scheme	The scheme is selected from the projects controlled under DPU. The number 13th column of the registered books of DPU irrigation & drainage projects shows all potential schemes as the LD list, but not including under construction schemes.
b. VI Scheme	The basic list is prepared using the recent record of PRAS in each province. Further the list of PRIS and Bangdes are combined for the village irrigation.
2. Preparation of short list	In accordance with the selection criteria for the inventory survey scheme, the survey area is selected from the above long list. The items of selection criteria are size of project area, schedule of construction, cooperation of foreign budget, facilities' condition and so on.
3. Preparation of questionnaire	The same survey form with the Study should be used, but some explanation on each question is added taking consideration present answer style into the account in case of not able to get uniformed answer.
4. Implementation of inventory survey	The survey is almost carried out by the staffs of prefecture agricultural service office. Detailed instruction is necessary before commencement of the survey works from each PRAS office.

Work Item	Guidelines and Special Attention
	<p>. In case that if certain scheme is obviously not satisfy with selection criteria for inventory survey, the survey on that area should be stopped after adding the reason.</p> <p>. It is important to check omission to answer column at the site. Especially filling in or out concerning on the selection criteria for implementation of schemes should be attended.</p> <p>. From the formulation of project implementation, filling of answer on project scale, land use, water source availability, quantity of facilities, conditions of present facilities, required improvement work, etc. should be checked.</p> <p>. Location map of schemes and past construction record such as construction period, name of executing agency, construction cost consumed, etc. should be collected as attachment data for additional explanation.</p>
5. Computer treatment of collected data	<p>. The program for dBASE-IV which has been developed in the Study should be used for the purpose of data input, revision, output and data preservation. For the data analysis itself, conversion program to Lotus files is recommendable.</p>
6. Examination of surveyed schemes	<p>. After the checking of data output, unusual or abnormal data should be re-surveyed, revised or avoided. Further at this time. the schemes which do not satisfy with the standard criteria of area size and/or have special local conditions should be treated as to be disqualified schemes.</p>
7. Grouping of surveyed schemes	<p>. From the view of cost and benefit, surveyed schemes should be divided into each group which was decided in the Study.</p>

Work Item	Guidelines and Special Attention
8. Detailed field survey	. In the Study, thirty (30) representative schemes were surveyed in actual fields considering its distribution of locations of all schemes. If the analyzed cost and benefit in these representative schemes are not utilized, supplemental field survey should be carried out in those area and after surveying on the required data, construction cost and benefit should be re-estimated.
9. Selection of priority scheme for project implementation	. The same selection method with this Study should be applied about following items to be evaluated.
A. Economic Evaluation	
A1. B/C	. Each project cost and annual benefit should be estimated and after the calculation of the ratio, B/C can be estimated using the correlation formula in the Study. should be calculated.
A2. Expansion of paddy field	. Using the inventory survey results, increase of paddy field is estimated. The estimation method is referred in Appendix I, clause 5.5.
A3. Increase of crop intensity	. Using the inventory survey results, availability of increase of paddy crop intensity is estimated.
B. View from Technology	
B1. Water availability	. To be based upon the inventory survey results and field survey data.
B2. Soil texture	. To be based upon the inventory survey results.
C. View from Implementation & Operation	
C1. O&M and P3A	. To be based upon the inventory survey results. Detailed point evaluation is referred in Appendix VII.
C2. Boundary of land	. To be based upon the inventory survey results.
C3. Condition of accessibility	. To be based upon the inventory survey results.

Work Item	Guidelines and Special Attention
D. View from Social Condition	
D1. Land ownership	. To be based upon the inventory survey results.
D2. Land status	. To be based upon the inventory survey results.
D3. Average farmers' income	. GRDP per capita in each region is used for the estimation(in each kabupaten).
10. Ranking of evaluation	. Screening criteria for each rank mentioned in chapter VI should be applied for selection of implementation schemes. In next, highest priority rank A, second candidates rank B and re-survey group C should be classified and then implementation plan for the rank A schemes should be formulated. However selection of implementation schemes should consider average number of schemes in each kabupaten.

## 2. Proposal for Long Term Plan

(1) It is expected that the Project which has 340 schemes with 30,400 ha of gross paddy field area, is implemented in three (3) provinces where the feasibility study has been carried out, namely, North Sumatra, South Sulawesi and West Nusa Tenggara in the first stage. Then it is proposed that the project where the inventory survey was carried out by the Indonesian side, that is, Aceh, Lampung, South East Sulawesi, Central Sulawesi and East Nusa Tenggara is implemented in five (5) provinces as the second stage development.

(2) At present, progress of inventory survey in five (5) provinces is 340 schemes with about 33,800 ha of present paddy fields in total. Actual implemented rate of inventory survey in three (3) provinces is about 40 % of existing number of village irrigation. On the other hand, the progress in five (5) provinces shows still low rate to be about 30 % as shown in the clause 9.1. For this five (5) provinces, it is desirable to do and continue the additional inventory survey and evaluation of the schemes. Especially number of present village irrigation schemes seems to be about 600 places, therefore additional inventory survey of about 100 schemes is proposed. As to the other provinces, it is desirable that 50 schemes in South East Sulawesi and 80 schemes in East Nusa Tenggara province are added continuously. Furthermore the inventory survey against the potential area of land development schemes is apt to short in the projects controlled under DPU.

(3) As for the number of LD schemes in five (5) provinces, about 40 schemes and planning development paddy field of 5,200 ha could be scheduled by estimating 10 % of number of potential schemes judged from the experience of planning value in three (3) provinces. Number of VI schemes for improvement could be scheduled to be 320 schemes and about 28,800 ha of paddy field could be covered assuming two schemes per one kabupaten in each year. The total project cost in the five (5) provinces is roughly estimated to be 90 billion rupiah. An increase of about 97,000 tons of paddy will result from the project (about 66,000 tons in terms of polished rice).

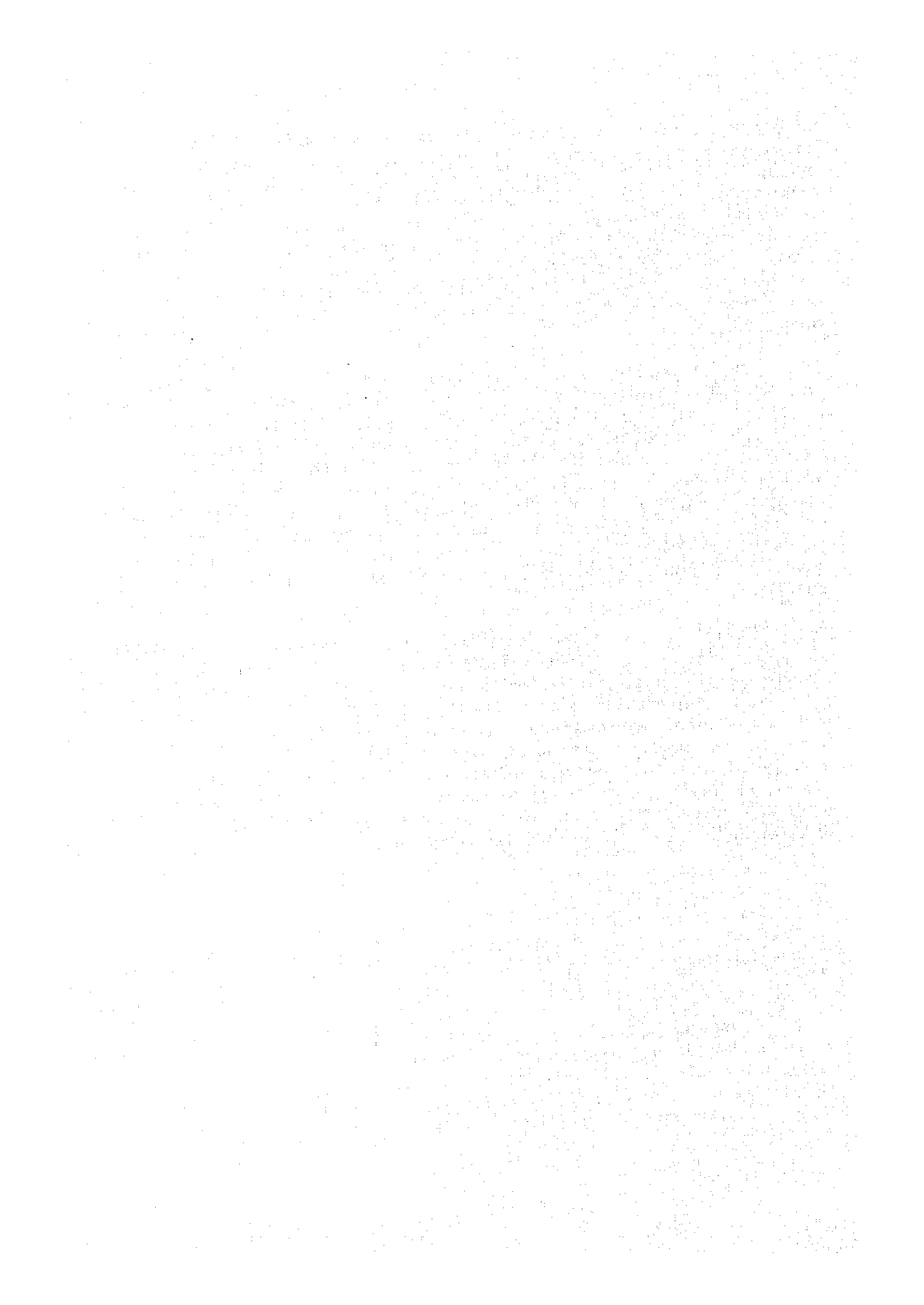
(4) Survey and undertaking as project for nineteen (19) provinces other than the above five (5) provinces would be implemented as the third stage development due to the view of required survey period, construction period and budgetary arrangement. As a series of public equal investment, the

development in these nineteen provinces is desirable to promote in order. It is necessary to check the progress of proceeded project, but the necessary period of these development is considered to be 10 to 15 years. Then the selection of development priority should come into line with the national development program in the middle and/or long term. Gross paddy field area of village irrigation in nineteen (19) provinces is 694,000 ha at present, but secular change should be considered and potential scale for development area also should be re-surveyed.

(5) The objective scheme for implementation is only A rank schemes with high priority in the present program, but next candidate group of B rank schemes is also available to develop in future. However these secondary group would be remained as later development schemes from the view of development policy in national level. Then it is more desirable to implement these schemes together with the central government project and provincial and prefectural budget projects to progress more quickly. Further the C rank group which is remained from developing schemes would be treated as re-survey scheme in future.

(6) Settlement of project implementation organization in three (3) provinces is most immediately required, and also in five (5) provinces the preparation of organization should be gradually prepared. Especially strengthening of the staff of provincial and prefectural agricultural service offices is very important. Also for the implementation of this project, close contact among PRAS PRIS and farmers are desirable. In accordance with the stage of development, implementation of farmers' training is proposed from the view of strengthening of operation and maintenance after the construction works.

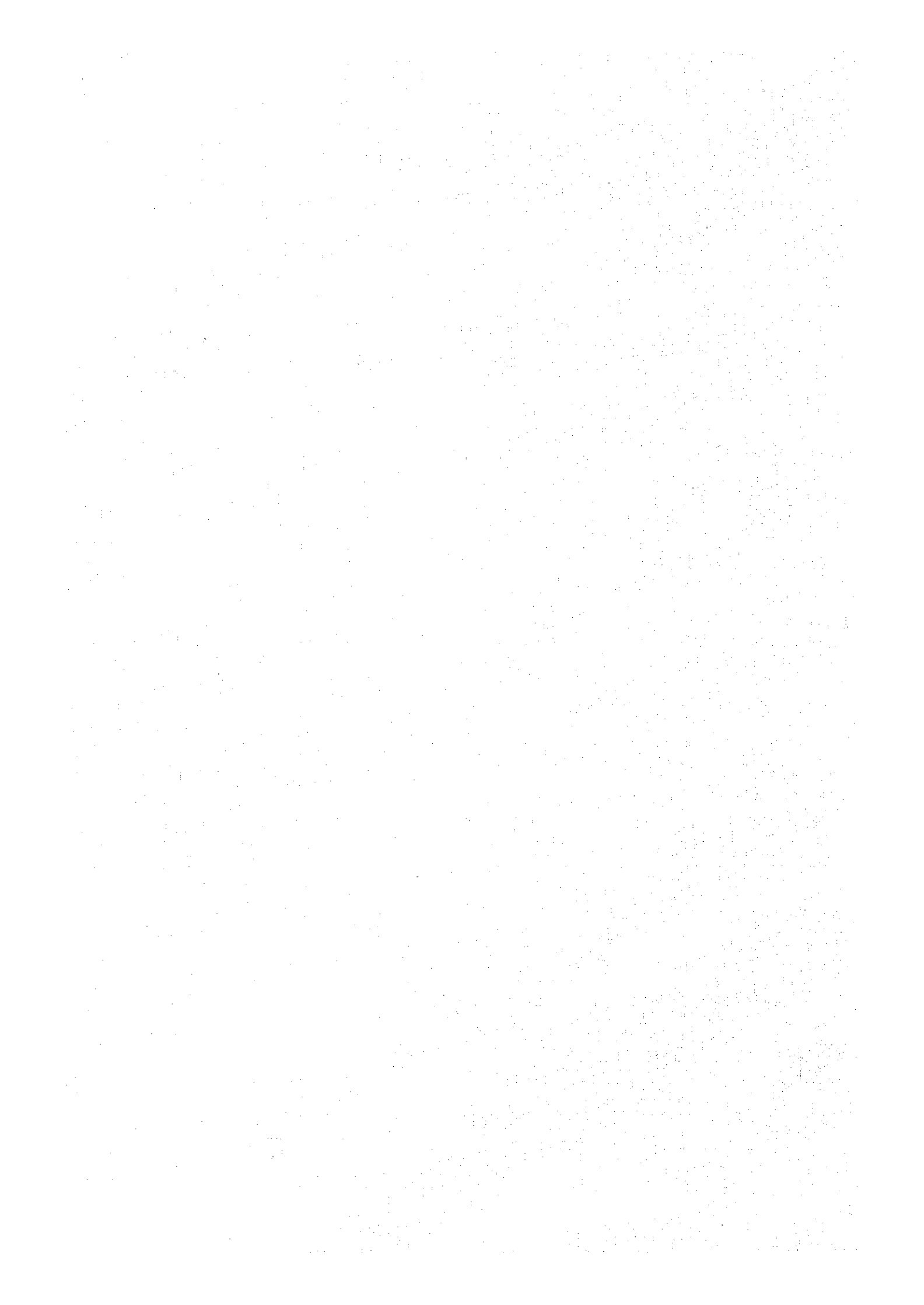




**CONTENT OF ATTACHMENT**  
**FEASIBILITY STUDY FOR LAND DEVELOPMENT**

**ATTACHMENT-1 FORM OF QUESTIONNAIRE**

**ATTACHMENT-2 PRINCIPAL FEATURES OF EACH SCHEME**



**QUESTIONNAIRE  
INVENTORY SURVEY  
LAND DEVELOPMENT AND VILLAGE IRRIGATION IMPROVEMENT**

-----  
Note :

1. Where the answer has selective type, please enclose the symbol or number of answer.
2. Where the answer is descriptive type, please write the answer briefly and clearly.

01 Division of Irrigation Area : a Public Works Irrigation Area  
 DIV b Village Irrigation Area  
 c Tidal Swamp Reclamation Area  
 d Non-Tidal Swamp Reclamation Area

02 Purpose of Inventory Survey : a Land Development  
 PUR b Village Irrigation Improvement

03 Name of Irrigation Area/  
 Reclamation  
 (Location Name)

: IRR

04 Name of Village

: VIL

05 Name of District

: DIS

06 Name of Regency

: REG

07 Name of Province

: PRO

Date, Month, Year

Date, Month, Year

YMD

\_\_\_\_\_  
 Acknowledged by

\_\_\_\_\_  
 Name & Signature of Surveyor

## 1 LOCATION AND TRANSPORTATION

## 11 State Location of Site

- 111 Name of Village : VIL111
- 112 Name of District : DIS112
- 113 Name of Regency : REG113

## 12 Location from

- DIS1211**
- 121 City of District : \_\_\_ Km. Reachable with type of  
government transport \_\_\_ in \_\_\_ hours  
**REG1221      DIS1212      DIS1213**
- 122 City of Regency : \_\_\_ Km. Reachable with type of  
government transport \_\_\_ in \_\_\_ hours  
**PRO1231      REG1222      REG1223**
- 123 Capital of the : \_\_\_ Km. Reachable with type of  
Province transport \_\_\_ in \_\_\_ hours  
**PRO1232      PRO1233**

13 Condition of Roads and Bridges **CON13**

Conditions of Roads and Bridges from the District City to the Site, with the possibility that such roads and bridges can be passed through by heavy equipments as tractors are generally as follows.

(Round the suitable one) :

- a Roads and Bridges can be passed through
- b Road can not be passed through
- c Bridge can not be crossed
- d Road and bridge cannot be passed through

## 2 PHYSICAL CONDITIONS

21 Topography **TOP21**

The topographical condition of the site which may be transformed into paddy fields is in general.

(Select the suitable one)

- a Plain (less than 5% gradient)
- b Mild Slope ( 5 - 10% gradient)
- c Sharp Slope (10 - 15% gradient)
- d Hilly & Mountainous (more than 15% gradient)

## 22 Soil S0122

The dominant type of soil at the site for land development which can be transformed to paddy fields :  
(Circle the suitable one)

- |            |             |              |
|------------|-------------|--------------|
| a Alluvial | e Andosol   | i Mediterian |
| b Regosol  | f Latosol   | j Podsolik   |
| c Grumosol | g Organosol | k Laterik    |
| d Renzina  | h Litosol   | l Grey Humic |

## 23 Climate and Elevation

231 Climate and monthly average rainfall at the site and its surroundings.

- a Wet Season : From month W23111 to W23112  
 b Dry Season : From month D23121 to D23122  
 c Average monthly Rainfall AVE2313 mm  
 Average monthly rainfall during the last 5 years to be attached. Source to be taken from the nearest climatological stations.

232 Average elevation at the site : ELE232 m above sea level.

## 24 Hydrology

241 Name of River for Water Source RIV241  
 242 Name of Main River connected RIV242

243 Dimension of River

- 2431 Average Width : WID2431 m  
 2432 Average Depth : DEP2432 m

244 Discharge of River

- 2441 Average during Dry Season : DIS2441 lt/sec  
 2442 Average during Wet Season : DIS2442 lt/sec  
 2443 Maximum Discharge : DIS2443 lt/sec  
 2444 Minimum Discharge : DIS2444 lt/sec

## 245 Water Quality

Is the water available of good quality for farming ?

2451	Paddy	:	_____	PAD2451
2452	Palawija (mention crop)	:	PAL24521	PAL24522
2453	Horticulture	:	_____	HOR2453

## 246 Reduction of Risks caused by Flood and Draught :

2461 Is the area subject to floods ? If so, mention  
FLO2461

2462 Maximum height of flood water HEI24621 m,  
 occurred 19 HEI24622

2463 How many times flood occurred in the past  
 five years? FL02463 times

2464 How many draught occurred in the past five  
 years ?  
DRA2464 times

2465 Has draught often occurred ? If so, mention.  
 For how long \_\_\_\_\_ months, occurred in 19\_\_\_\_  
 (year)

DRA24652 DRA24653

2466 If the irrigation facility would be improved,  
 will it reduce floods/draught ? If so, please  
 explain :

FAC24661 FAC24662

## 3 EXISTING IRRIGATION/DRAINAGE FACILITIES

31 Kind of Water Source SOU31

a River	b Ground Water	c Spring
d Pond	e Tidal Water	f Others

32 Type of Water Source Facility FAC32

a Dam	b Weir	c Irrigation tank
d Free intake	e Pump	f Diversion work
g Others		

## 33 Existing Irrigation Structures and Canals

No.	Name of Structure/ Canal	Dimension	Amount unit/m	Type	Current condition
3301	Water source facility	<u>DIM3301</u>	<u>AM03301</u> <u>UNI3301</u>	<u>TYP3301</u>	<u>CON3301</u>
3302	Main diversion	<u>DIM3302</u>	<u>AM03302</u> <u>UNI3302</u>	<u>TYP3302</u>	<u>CON3302</u>
3303	Secondary diversion	<u>DIM3303</u>	<u>AM03303</u> <u>UNI3303</u>	<u>TYP3303</u>	<u>CON3303</u>
3304	Tertiary box	<u>DIM3304</u>	<u>AM03304</u> <u>UNI3304</u>	<u>TYP3304</u>	<u>CON3304</u>
3305	Main canal	<u>DIM3305</u>	<u>AM03305</u> <u>UNI3305</u>	<u>TYP3305</u>	<u>CON3305</u>
3306	Secondary canal	<u>DIM3306</u>	<u>AM03306</u> <u>UNI3306</u>	<u>TYP3306</u>	<u>CON3306</u>
3307	Tertiary canal	<u>DIM3307</u>	<u>AM03307</u> <u>UNI3307</u>	<u>TYP3307</u>	<u>CON3307</u>
3308	On-farm canal	<u>DIM3308</u>	<u>AM03308</u> <u>UNI3308</u>	<u>TYP3308</u>	<u>CON3308</u>
3309	Drop	<u>DIM3309</u>	<u>AM03309</u> <u>UNI3309</u>	<u>TYP3309</u>	<u>CON3309</u>
3310	Aqueduct	<u>DIM3310</u>	<u>AM03310</u> <u>UNI3310</u>	<u>TYP3310</u>	<u>CON3310</u>
3311	Siphon	<u>DIM3311</u>	<u>AM03311</u> <u>UNI3311</u>	<u>TYP3311</u>	<u>CON3311</u>
3312	Measuring device	<u>DIM3312</u>	<u>AM03312</u> <u>UNI3312</u>	<u>TYP3312</u>	<u>CON3312</u>

## 34 Average Water Requirement during Planting

341	For Paddy :	<u>PAD341</u>	l/sec (in the wet season)
342	For Paddy :	<u>PAD342</u>	l/sec (in the dry season)
343	For Palawija : Maize	<u>PAL343</u>	lt/sec
344	For Palawija : Soybean	<u>PAL344</u>	lt/sec
345	For Palawija : Peanuts	<u>PAL345</u>	lt/sec
		<u>PAL3461</u>	<u>PAL3462</u> lt/sec
		<u>PAL3471</u>	<u>PAL3472</u> lt/sec



## 35 Water Availability

a Enough, with a cropping pattern of 1 harvest a year : AVA351 AVA352 AVA353 ha (%)

b Not enough

## 4 AGRICULTURAL CONDITION

## 41 Land Use Distribution in the Area

Land Use	Present		Future	
	(ha)	(%)	(ha)	(%)
Irrigated Paddy field	<u>PR101</u>	<u>PR201</u>	<u>FU101</u>	<u>FU201</u>
Rainfed Paddy field	<u>PR102</u>	<u>PR202</u>	<u>FU102</u>	<u>FU202</u>
Dry land (Tegal)	<u>PR103</u>	<u>PR203</u>	<u>FU103</u>	<u>FU203</u>
Plantation	<u>PR104</u>	<u>PR204</u>	<u>FU104</u>	<u>FU204</u>
Grass Land	<u>PR105</u>	<u>PR205</u>	<u>FU105</u>	<u>FU205</u>
Fallow	<u>PR106</u>	<u>PR206</u>	<u>FU106</u>	<u>FU206</u>
Forest	<u>PR107</u>	<u>PR207</u>	<u>FU107</u>	<u>FU207</u>
Bush	<u>PR108</u>	<u>PR208</u>	<u>FU108</u>	<u>FU208</u>
Others	<u>PR109</u>	<u>PR209</u>	<u>FU109</u>	<u>FU209</u>
TOTAL	<u>PR110</u>	<u>PR210</u>	<u>FU110</u>	<u>FU210</u>

## 42 Gross Harvest Area of Crops within one (1) Year (ha)

## 421 Irrigated Paddy

Crops	Present		Future	
	Wet	Dry	Wet	Dry
Sawah	(ha)	(ha)	(ha)	(ha)
Irrigated Paddy	<u>PR301</u>	<u>PR401</u>	<u>FU301</u>	<u>FU401</u>
Rainfed Paddy	<u>PR302</u>	<u>PR402</u>	<u>FU302</u>	<u>FU402</u>
Maize	<u>PR303</u>	<u>PR403</u>	<u>FU303</u>	<u>FU403</u>
Cassava	<u>PR304</u>	<u>PR404</u>	<u>FU304</u>	<u>FU404</u>
Peanuts	<u>PR305</u>	<u>PR405</u>	<u>FU305</u>	<u>FU405</u>
Green peas	<u>PR306</u>	<u>PR406</u>	<u>FU306</u>	<u>FU406</u>
Soybean	<u>PR307</u>	<u>PR407</u>	<u>FU307</u>	<u>FU407</u>
Others	<u>PR308</u>	<u>PR408</u>	<u>FU308</u>	<u>FU408</u>
TOTAL	<u>PR309</u>	<u>PR409</u>	<u>FU309</u>	<u>FU409</u>

## 422 Upland

Crops	Present		Future	
	Wet	Dry	Wet	Dry
Tegal	(ha)	(ha)	(ha)	(ha)
Upland Paddy	<u>PR501</u>	<u>PR601</u>	<u>FU501</u>	<u>FU601</u>
Maize	<u>PR502</u>	<u>PR602</u>	<u>FU502</u>	<u>FU602</u>
Peanuts	<u>PR503</u>	<u>PR603</u>	<u>FU503</u>	<u>FU603</u>
Green peas	<u>PR504</u>	<u>PR604</u>	<u>FU504</u>	<u>FU604</u>
Soybean	<u>PR505</u>	<u>PR605</u>	<u>FU505</u>	<u>FU605</u>
Vegetables	<u>PR506</u>	<u>PR606</u>	<u>FU506</u>	<u>FU606</u>
Others	<u>PR507</u>	<u>PR607</u>	<u>FU507</u>	<u>FU607</u>
TOTAL	<u>PR508</u>	<u>PR608</u>	<u>FU508</u>	<u>FU608</u>

## 43 Average Yield Rate of Crops in the Area (ton/ha)

Crops	Present	Future
Paddy 1 (Wet season)	PR701	FU701
Paddy 2 (Dry season)	PR702	FU702
Rainfed Paddy	PR703	FU703
Dry field Paddy	PR704	FU704
Maize	PR705	FU705
Cassava	PR706	FU706
Peanuts	PR707	FU707
Green peas	PR708	FU708
Soybean	PR709	FU709
Vegetables	PR710	FU710
Others ( _____ )	PR711	FU711
Total	PR712	FU712

## 44 Cropping Pattern

Patterns	Present		Future	
	(ha)	(%)	(ha)	(%)
Sawah	PR801	PR901	FU801	FU901
Paddy-Paddy-Palawija	PR802	PR902	FU802	FU902
Paddy-Paddy	PR803	PR903	FU803	FU903
Paddy-Palawija-Palawija	PR804	PR904	FU804	FU904
Paddy-Palawija	PR805	PR905	FU805	FU905
Paddy	PR806	PR906	FU806	FU906
Palawija-Palawija	PR807	PR907	FU807	FU907
Others ( _____ )	PR808	PR908	FU808	FU908
Total	PR809	PR909	FU809	FU909

## 45 Crop Intensity

Estimated crop intensity :       CROP45       (%)

## 46 Condition of soil

461 for paddy : a Very Suitable  
 CON461 b Suitable  
 c Not suitable

462 for palawija : a Very Suitable  
 CON462 b Suitable  
 c Not suitable

## 5 SOCIAL CONDITION

## 51 Population

511 Total population at the prospective area :

Number of farm household : POP5111 (families)  
POP5112 (persons)

512 Labour force :

5121 Total persons : POP5121  
 5122 Persons per household : POP5122

513 Population by occupation :

5131 Farmers POP5131 persons  
 5132 Civil servant POP5132 persons  
 5133 Tradesmen POP5133 persons  
 5134 Others POP5134 (Mention) persons

52 Farmers' Agreement &amp; Participation for the Construction and rehabilitation of the Irrigation Work

AGR52

- a Most of the farmers (more than 76 %) agreed or wished and would participate.
- b Part of the farmers' (51 - 75 %) agreed or wished and would participate.
- c Some farmers (less than 50 %) agreed or wished and would participate.

## 53 People's Adaptation Towards Agricultural Technology

531	Manuring	Quick/ Usual/ Slow	MAN531
532	Good Land Management	Quick/ Usual/ Slow	MAN532
533	Well-formed Seeds	Quick/ Usual/ Slow	IRR533
534	Irrigation	Quick/ Usual/ Slow	SEE534
535	Pest Control	Quick/ Usual/ Slow	CON535

## 54 Agricultural Institutions

541 Field Extension workers (PPL) at the area : WOR541  
(Circle the suitable one)

- a Currently active in their work
- b Present, but not active in their work
- c None

542 Rural Extension Center (BPP)

5421 Distance between BPP and the site: DIS5421 Km

5422 BPP programme on land development: PRO5422  
(Circle the suitable)

- a Positive
- b Negative

543 Introduction of Supporting System INT543

- a Insus
- b Supra Insus
- c Others

## 55 Marketing of Products at Site

551 KUD (Circle the suitable) KUD551

- a Active in assisting the marketing of products.
- b Not active.

552 Farmgate Price of Main Crop

5521	Rice	<u>RIC5521</u>	Rp/kg
5522	Maize	<u>MAI5522</u>	Rp/kg
5523	Cassava	<u>CAS5523</u>	Rp/kg
5524	Peanuts	<u>PEA5524</u>	Rp/kg
5525	Green peas	<u>GRE5525</u>	Rp/kg
5526	Soybean	<u>SOY5526</u>	Rp/kg
5527	Vegetable	<u>VEG5527</u>	Rp/kg

553 Index Price received by farmers (during last 2 years ) :

5531 Paddy PAD5531  
 a Less than farmgate price  
 b Farmgate price  
 c More than farmgate price

5532 Palawija PAL5532  
 a Less than farmgate price  
 b Farmgate price  
 c More than farmgate price

56 Land Ownership

561 The amount of land-owning farmers :  
 \_\_\_\_\_ AM0561 \_\_\_\_\_ persons.

562 Land-owning farmers who live in the area or at the District of the area or at the nearby Sub District boundaries amount to AM0562 persons.

563 Land owning farmers who live in the outskirts of the Sub District boundary amounts to AM0563 persons.

57 Land Status

571 Private property lands amount to PRI5711 Ha(PRI5712 %)  
 572 District land amount to \_\_\_\_\_ DIS5721 Ha(DIS5722 %)  
 573 State-owned land amount to \_\_\_\_\_ STA5731 Ha(STA5732 %)

---

Total \_\_\_\_\_ TOT571 Ha(TOT572 %)  
 574 In total, land in dispute \_\_\_\_\_ DIS5741 Ha(DIS5742 %)

58 Status and Boundaries of Property Land at the Area  
 STA58

a The status and boundaries are clear.  
 b The status and boundaries are unclear

59 Labour Requirement

591 At Pre-project activities  
 5911 Farming labour available  
 \_\_\_\_\_ PER5911 persons  
 \_\_\_\_\_ HEA5911 heads(Cow, Buffalo, Horse)

MAC5911 machines(Hp.)

5912 Number required PER5912 persons  
HEA5912 heads  
MAC5912 machines(Hp.)

5913 Shortage/Excessive labour PER5913 persons  
HEA5913 heads  
MAC5913 machines(Hp.)

## 592 At Post-project activities

5921 Farming labour available PER5921 persons  
HEA5921 heads  
MAC5921 machines(Hp.)

5922 Amount required PER5922 persons  
HEA5922 heads  
MAC5922 machines(Hp.)

5923 Shortage/Excessive labour PER5923 persons  
HEA5923 heads  
MAC5923 machines(Hp.)

## 6 OPERATION &amp; MAINTENANCE AND WATER MANAGEMEN

## 61 Organization for Operation &amp; Maintenance and Water Management

611 Does registered P3A exist ? Yes or No  
 If "Yes" in the above, P3A's name ?  
P3A6111 P3A6112

612 Does traditional water users group exist ? Yes or No  
 If "Yes" in the above, specify the traditional group name:  
TRA6121 TRA6122

613 Does the group have a responsible man for "Water Management" or "Operation & Maintenance(O&M)"?  
 Yes or No GR0613

614 No organization for "Water Management" or "O & M"  
ORG614

## 62 Are there any type of Irrigation Service Fee ?

621 Payment(per ha) in money : PAY621 Rp/year

622 Payment(per ha) in kind(crop):  
 Crop: Paddy : PAY6221 kg/season  
 Crop: PAY6222 : PAY6223 kg/season

623 Working Manpower(per ha) : WOR623 man-days/season

63 In drought crop season, do farmers apply rotational irrigation ?

- IRR63 a Yes  
 b No

64 Do farmers execute following periodical maintenance works before starting irrigation ?

641 Grass & tree cutting along canals? Yes or No

CAN641

642 Re-shaping of canals in order to keep necessary flow sections ? Yes or No

CAN642

643 Minor repairs for damaged structures ? Yes or No

MIN643

## 7 IMPROVEMENT WORKS FOR THE PROJECT

### 71 Structures and Canals Needed for Improvement

No.	Name of Structure / Canal		Dimension	Amount Nos/m	Earth Works (m3)
1	<u>ST71011</u>	<u>ST71012</u>	<u>ST71013</u>	<u>ST71014</u>	<u>ST71015</u>
2	<u>ST71021</u>	<u>ST71022</u>	<u>ST71023</u>	<u>ST71024</u>	<u>ST71025</u>
3	<u>ST71031</u>	<u>ST71032</u>	<u>ST71033</u>	<u>ST71034</u>	<u>ST71035</u>
4	<u>ST71041</u>	<u>ST71042</u>	<u>ST71043</u>	<u>ST71044</u>	<u>ST71045</u>
5	<u>ST71051</u>	<u>ST71052</u>	<u>ST71053</u>	<u>ST71054</u>	<u>ST71055</u>
6	<u>ST71061</u>	<u>ST71062</u>	<u>ST71063</u>	<u>ST71064</u>	<u>ST71065</u>
7	<u>ST71071</u>	<u>ST71072</u>	<u>ST71073</u>	<u>ST71074</u>	<u>ST71075</u>
8	<u>ST71081</u>	<u>ST71082</u>	<u>ST71083</u>	<u>ST71084</u>	<u>ST71085</u>
9	<u>ST71091</u>	<u>ST71092</u>	<u>ST71093</u>	<u>ST71094</u>	<u>ST71095</u>
10	<u>ST71101</u>	<u>ST71102</u>	<u>ST71103</u>	<u>ST71104</u>	<u>ST71105</u>



## 72 New Structures and Canals Required

No.	Name of Structure / Canal		Dimension	Amount Nos/m	Earth Works (m3)
1	<u>NST72011</u>	<u>NST72012</u>	<u>NST72013</u>	<u>NST72014</u>	<u>NST72015</u>
2	<u>NST72021</u>	<u>NST72022</u>	<u>NST72023</u>	<u>NST72024</u>	<u>NST72025</u>
3	<u>NST72031</u>	<u>NST72032</u>	<u>NST72033</u>	<u>NST72034</u>	<u>NST72035</u>
4	<u>NST72041</u>	<u>NST72042</u>	<u>NST72043</u>	<u>NST72044</u>	<u>NST72045</u>
5	<u>NST72051</u>	<u>NST72052</u>	<u>NST72053</u>	<u>NST72054</u>	<u>NST72055</u>
6	<u>NST72061</u>	<u>NST72062</u>	<u>NST72063</u>	<u>NST72064</u>	<u>NST72065</u>
7	<u>NST72071</u>	<u>NST72072</u>	<u>NST72073</u>	<u>NST72074</u>	<u>NST72075</u>
8	<u>NST72081</u>	<u>NST72082</u>	<u>NST72083</u>	<u>NST72084</u>	<u>NST72085</u>
9	<u>NST72091</u>	<u>NST72092</u>	<u>NST72093</u>	<u>NST72094</u>	<u>NST72095</u>
10	<u>NST72101</u>	<u>NST72102</u>	<u>NST72103</u>	<u>NST72104</u>	<u>NST72105</u>

## 73 Cost for Main System

No.	Structure/Works (in Unit or m3)	Amount of Construction Quantity	Unit Price	Amount (Rp.)
1. Main Structure				
a.	Weir	<u>MST7311</u> ut	<u>MST7312</u>	<u>MST7313</u>
b.	Intake	<u>MST7321</u> ut	<u>MST7322</u>	<u>MST7323</u>
c.	Structure	<u>MST7331</u> ut	<u>MST7332</u>	<u>MST7333</u>
d.	Dikes/Banks	<u>MST7341</u> ut	<u>MST7342</u>	<u>MST7343</u>
2. Main Canal/Drainage				
a.	Earth Works	<u>MST7351</u> m3	<u>MST7352</u>	<u>MST7353</u>
b.	Diversion/Gate	<u>MCA7311</u> ut	<u>MCA7312</u>	<u>MCA7313</u>
c.	Drop	<u>MCA7321</u> ut	<u>MCA7322</u>	<u>MCA7323</u>
d.	Culvert	<u>MCA7331</u> ut	<u>MCA7332</u>	<u>MCA7333</u>
e.	Intake Gate	<u>MCA7341</u> ut	<u>MCA7342</u>	<u>MCA7343</u>
3. Secondary Canal/Drainage				
a.	Earth Works	<u>SCA7311</u> m3	<u>SCA7312</u>	<u>SCA7313</u>
b.	Diversion/Gate	<u>SCA7321</u> ut	<u>SCA7322</u>	<u>SCA7323</u>
c.	Drop	<u>SCA7331</u> ut	<u>SCA7332</u>	<u>SCA7333</u>
d.	Culvert	<u>SCA7341</u> ut	<u>SCA7342</u>	<u>SCA7343</u>
e.	Intake Gate	<u>SCA7351</u> ut	<u>SCA7352</u>	<u>SCA7353</u>
4.	Access Road	<u>ARO7311</u> km	<u>ARO7312</u>	<u>ARO7313</u>
5.	Watchman's House	<u>WHO7311</u> ut	<u>WHO7312</u>	<u>WHO7313</u>
6.	Other Structures	<u>OTH7311</u> ut	<u>OTH7312</u>	<u>OTH7313</u>
Total		<u>TOT7311</u>	<u>TOT7312</u>	<u>TOT7313</u>

Note: ut means unit

## 74 Cost of Tertiary Construction Works

No.	Structure/Works (in Unit or m3)	Amount of Construction Quantity	Unit Price	Amount (Rp.)
1.	Tertiary Canal			
a.	Earth Works	<u>TCA7411</u> m3	<u>TCA7412</u>	<u>TCA7413</u>
b.	Tertiary Box/Gate	<u>TCA7421</u> ut	<u>TCA7422</u>	<u>TCA7423</u>
c.	Drop Structure	<u>TCA7431</u> ut	<u>TCA7432</u>	<u>TCA7433</u>
d.	Culvert	<u>TCA7441</u> ut	<u>TCA7442</u>	<u>TCA7443</u>
e.	Tertiary Offtake	<u>TCA7451</u> ut	<u>TCA7452</u>	<u>TCA7453</u>
2.	Quaternary Canal			
a.	Earth Works	<u>QCA7411</u> m3	<u>QCA7412</u>	<u>QCA7413</u>
b.	Quaternary Box/Gate	<u>QCA7421</u> ut	<u>QCA7422</u>	<u>QCA7423</u>
c.	Drop Structure	<u>QCA7431</u> ut	<u>QCA7432</u>	<u>QCA7433</u>
d.	Culvert	<u>QCA7441</u> ut	<u>QCA7442</u>	<u>QCA7443</u>
e.	Quaternary Offtake	<u>QCA7451</u> ut	<u>QCA7452</u>	<u>QCA7453</u>
3.	Drainage			
a.	Earth Works	<u>DRA7411</u> m3	<u>DRA7412</u>	<u>DRA7413</u>
b.	Drain Inlet	<u>DRA7421</u> ut	<u>DRA7422</u>	<u>DRA7423</u>
c.	Drop Structure	<u>DRA7431</u> ut	<u>DRA7432</u>	<u>DRA7433</u>
d.	Culvert	<u>DRA7441</u> ut	<u>DRA7442</u>	<u>DRA7443</u>
e.	Outlet Structure	<u>DRA7451</u> ut	<u>DRA7452</u>	<u>DRA7453</u>
4.	Other Structure	<u>STR7411</u> ut	<u>STR7412</u>	<u>STR7413</u>
	Total	<u>TOT7411</u>	<u>TOT7412</u>	<u>TOT7413</u>

Note: ut means unit

## 75 Cost of Land Development

No.	Division	Quantity	Unit Price (Rp.)	Amount (Million Rp.)
1	Dry Field	<u>DRY7521</u> ha	<u>DRY7522</u>	<u>DRY7523</u>
2	Bushes	<u>BUS7521</u> ha	<u>BUS7522</u>	<u>BUS7523</u>
3	Light(Thin) Forest	<u>LIG7531</u> ha	<u>LIG7532</u>	<u>LIG7533</u>
4	Thick Forest	<u>THI7541</u> ha	<u>THI7542</u>	<u>THI7543</u>
	Total	<u>TOT7551</u> ha	<u>TOT7552</u>	<u>TOT7553</u>

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Paddy)

a	Type of Work	Labour Req.	Unit(person)	Cost
	TYP7611	TYP7612	TYP7613	TYP7614
	TYP7621	TYP7622	TYP7623	TYP7624
	TYP7631	TYP7632	TYP7633	TYP7634
	TYP7641	TYP7642	TYP7643	TYP7644
	TYP7651	TYP7652	TYP7653	TYP7654
	TYP7661	TYP7662	TYP7663	TYP7664
	TYP7671	TYP7672	TYP7673	TYP7674
	TYP7681	TYP7682	TYP7683	TYP7684

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611	INP7612	INP7613	INP7614
INP7621	INP7622	INP7623	INP7624
INP7631	INP7632	INP7633	INP7634
INP7641	INP7642	INP7643	INP7644
INP7651	INP7652	INP7653	INP7654
INP7661	INP7662	INP7663	INP7664

## c Other's

OTH7611	OTH7612	OTH7613	OTH7614
OTH7621	OTH7622	OTH7623	OTH7624
OTH7631	OTH7632	OTH7633	OTH7634
OTH7641	OTH7642	OTH7643	OTH7644
OTH7651	OTH7652	OTH7653	OTH7654
OTH7661	OTH7662	OTH7663	OTH7664

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Maize)

a	Type of Work	Labour Req.	Unit(person)	Cost
	TYP7611A	TYP7612A	TYP7613A	TYP7614A
	TYP7621A	TYP7622A	TYP7623A	TYP7624A
	TYP7631A	TYP7632A	TYP7633A	TYP7634A
	TYP7641A	TYP7642A	TYP7643A	TYP7644A
	TYP7651A	TYP7652A	TYP7653A	TYP7654A
	TYP7661A	TYP7662A	TYP7663A	TYP7664A
	TYP7671A	TYP7672A	TYP7673A	TYP7674A
	TYP7681A	TYP7682A	TYP7683A	TYP7684A

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611A	INP7612A	INP7613A	INP7614A
INP7621A	INP7622A	INP7623A	INP7624A
INP7631A	INP7632A	INP7633A	INP7634A
INP7641A	INP7642A	INP7643A	INP7644A
INP7651A	INP7652A	INP7653A	INP7654A
INP7661A	INP7662A	INP7663A	INP7664A

## c Other's

OTH7611A	OTH7612A	OTH7613A	OTH7614A
OTH7621A	OTH7622A	OTH7623A	OTH7624A
OTH7631A	OTH7632A	OTH7633A	OTH7634A
OTH7641A	OTH7642A	OTH7643A	OTH7644A
OTH7651A	OTH7652A	OTH7653A	OTH7654A
OTH7661A	OTH7662A	OTH7663A	OTH7664A

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Cassava)

a	Type of Work	Labour Req.	Unit(person)	Cost
	TYP7611B	TYP7612B	TYP7613B	TYP7614B
	TYP7621B	TYP7622B	TYP7623B	TYP7624B
	TYP7631B	TYP7632B	TYP7633B	TYP7634B
	TYP7641B	TYP7642B	TYP7643B	TYP7644B
	TYP7651B	TYP7652B	TYP7653B	TYP7654B
	TYP7661B	TYP7662B	TYP7663B	TYP7664B
	TYP7671B	TYP7672B	TYP7673B	TYP7674B
	TYP7681B	TYP7682B	TYP7683B	TYP7684B

## b Inputs/Ha/Season

	Type	Requirement	Unit Price	Cost
	INP7611B	INP7612B	INP7613B	INP7614B
	INP7621B	INP7622B	INP7623B	INP7624B
	INP7631B	INP7632B	INP7633B	INP7634B
	INP7641B	INP7642B	INP7643B	INP7644B
	INP7651B	INP7652B	INP7653B	INP7654B
	INP7661B	INP7662B	INP7663B	INP7664B

## c Other's

	OTH7611B	OTH7612B	OTH7613B	OTH7614B
	OTH7621B	OTH7622B	OTH7623B	OTH7624B
	OTH7631B	OTH7632B	OTH7633B	OTH7634B
	OTH7641B	OTH7642B	OTH7643B	OTH7644B
	OTH7651B	OTH7652B	OTH7653B	OTH7654B
	OTH7661B	OTH7662B	OTH7663B	OTH7664B

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Soybean)

a Type of Work	Labour Req.	Unit(person)	Cost
TYP7611C	TYP7612C	TYP7613C	TYP7614C
TYP7621C	TYP7622C	TYP7623C	TYP7624C
TYP7631C	TYP7632C	TYP7633C	TYP7634C
TYP7641C	TYP7642C	TYP7643C	TYP7644C
TYP7651C	TYP7652C	TYP7653C	TYP7654C
TYP7661C	TYP7662C	TYP7663C	TYP7664C
TYP7671C	TYP7672C	TYP7673C	TYP7674C
TYP7681C	TYP7682C	TYP7683C	TYP7684C

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611C	INP7612C	INP7613C	INP7614C
INP7621C	INP7622C	INP7623C	INP7624C
INP7631C	INP7632C	INP7633C	INP7634C
INP7641C	INP7642C	INP7643C	INP7644C
INP7651C	INP7652C	INP7653C	INP7654C
INP7661C	INP7662C	INP7663C	INP7664C

## c Other's

OTH7611C	OTH7612C	OTH7613C	OTH7614C
OTH7621C	OTH7622C	OTH7623C	OTH7624C
OTH7631C	OTH7632C	OTH7633C	OTH7634C
OTH7641C	OTH7642C	OTH7643C	OTH7644C
OTH7651C	OTH7652C	OTH7653C	OTH7654C
OTH7661C	OTH7662C	OTH7663C	OTH7664C

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Greanpeas)

a	Type of Work	Labour Req.	Unit(person)	Cost
	TYP7611D	TYP7612D	TYP7613D	TYP7614D
	TYP7621D	TYP7622D	TYP7623D	TYP7624D
	TYP7631D	TYP7632D	TYP7633D	TYP7634D
	TYP7641D	TYP7642D	TYP7643D	TYP7644D
	TYP7651D	TYP7652D	TYP7653D	TYP7654D
	TYP7661D	TYP7662D	TYP7663D	TYP7664D
	TYP7671D	TYP7672D	TYP7673D	TYP7674D
	TYP7681D	TYP7682D	TYP7683D	TYP7684D

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611D	INP7612D	INP7613D	INP7614D
INP7621D	INP7622D	INP7623D	INP7624D
INP7631D	INP7632D	INP7633D	INP7634D
INP7641D	INP7642D	INP7643D	INP7644D
INP7651D	INP7652D	INP7653D	INP7654D
INP7661D	INP7662D	INP7663D	INP7664D

## c Other's

OTH7611D	OTH7612D	OTH7613D	OTH7614D
OTH7621D	OTH7622D	OTH7623D	OTH7624D
OTH7631D	OTH7632D	OTH7633D	OTH7634D
OTH7641D	OTH7642D	OTH7643D	OTH7644D
OTH7651D	OTH7652D	OTH7653D	OTH7654D
OTH7661D	OTH7662D	OTH7663D	OTH7664D

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Peanuts)

a	Type of Work	Labour Req.	Unit(person)	Cost
	TYP7611E	TYP7612E	TYP7613E	TYP7614E
	TYP7621E	TYP7622E	TYP7623E	TYP7624E
	TYP7631E	TYP7632E	TYP7633E	TYP7634E
	TYP7641E	TYP7642E	TYP7643E	TYP7644E
	TYP7651E	TYP7652E	TYP7653E	TYP7654E
	TYP7661E	TYP7662E	TYP7663E	TYP7664E
	TYP7671E	TYP7672E	TYP7673E	TYP7674E
	TYP7681E	TYP7682E	TYP7683E	TYP7684E

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611E	INP7612E	INP7613E	INP7614E
INP7621E	INP7622E	INP7623E	INP7624E
INP7631E	INP7632E	INP7633E	INP7634E
INP7641E	INP7642E	INP7643E	INP7644E
INP7651E	INP7652E	INP7653E	INP7654E
INP7661E	INP7662E	INP7663E	INP7664E

## c Other's

OTH7611E	OTH7612E	OTH7613E	OTH7614E
OTH7621E	OTH7622E	OTH7623E	OTH7624E
OTH7631E	OTH7632E	OTH7633E	OTH7634E
OTH7641E	OTH7642E	OTH7643E	OTH7644E
OTH7651E	OTH7652E	OTH7653E	OTH7654E
OTH7661E	OTH7662E	OTH7663E	OTH7664E



## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Vegetable)

a. Type of Work	Labour Req.	Unit(person)	Cost
TYP7611F	TYP7612F	TYP7613F	TYP7614F
TYP7621F	TYP7622F	TYP7623F	TYP7624F
TYP7631F	TYP7632F	TYP7633F	TYP7634F
TYP7641F	TYP7642F	TYP7643F	TYP7644F
TYP7651F	TYP7652F	TYP7653F	TYP7654F
TYP7661F	TYP7662F	TYP7663F	TYP7664F
TYP7671F	TYP7672F	TYP7673F	TYP7674F
TYP7681F	TYP7682F	TYP7683F	TYP7684F

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611F	INP7612F	INP7613F	INP7614F
INP7621F	INP7622F	INP7623F	INP7624F
INP7631F	INP7632F	INP7633F	INP7634F
INP7641F	INP7642F	INP7643F	INP7644F
INP7651F	INP7652F	INP7653F	INP7654F
INP7661F	INP7662F	INP7663F	INP7664F

## c Other's

OTH7611F	OTH7612F	OTH7613F	OTH7614F
OTH7621F	OTH7622F	OTH7623F	OTH7624F
OTH7631F	OTH7632F	OTH7633F	OTH7634F
OTH7641F	OTH7642F	OTH7643F	OTH7644F
OTH7651F	OTH7652F	OTH7653F	OTH7654F
OTH7661F	OTH7662F	OTH7663F	OTH7664F

## 76 Benefit Without Project

## 761 Cost per Hectare per Season (Others)

a	Type of Work	Labour Req.	Unit(person)	Cost
	TYP7611G	TYP7612G	TYP7613G	TYP7614G
	TYP7621G	TYP7622G	TYP7623G	TYP7624G
	TYP7631G	TYP7632G	TYP7633G	TYP7634G
	TYP7641G	TYP7642G	TYP7643G	TYP7644G
	TYP7651G	TYP7652G	TYP7653G	TYP7654G
	TYP7661G	TYP7662G	TYP7663G	TYP7664G
	TYP7671G	TYP7672G	TYP7673G	TYP7674G
	TYP7681G	TYP7682G	TYP7683G	TYP7684G

## b Inputs/Ha/Season

Type	Requirement	Unit Price	Cost
INP7611G	INP7612G	INP7613G	INP7614G
INP7621G	INP7622G	INP7623G	INP7624G
INP7631G	INP7632G	INP7633G	INP7634G
INP7641G	INP7642G	INP7643G	INP7644G
INP7651G	INP7652G	INP7653G	INP7654G
INP7661G	INP7662G	INP7663G	INP7664G

## c Other's

OTH7611G	OTH7612G	OTH7613G	OTH7614G
OTH7621G	OTH7622G	OTH7623G	OTH7624G
OTH7631G	OTH7632G	OTH7633G	OTH7634G
OTH7641G	OTH7642G	OTH7643G	OTH7644G
OTH7651G	OTH7652G	OTH7653G	OTH7654G
OTH7661G	OTH7662G	OTH7663G	OTH7664G

d Amount of cost per hectare per season (a+b+c)

- For Paddy	:	Rp	<u>AM0761</u>
- For Palawija : Maize	:	Rp	<u>AM0762</u>
		Rp	<u>AM0763</u>
		Rp	<u>AM0764</u>
		Rp	<u>AM0765</u>
		Rp	<u>AM0766</u>
		Rp	<u>AM0767</u>
		Rp	<u>AM0768</u>

Total cost/Ha/Season : Rp AM0769

### 762 Production

No.	Type of Crop	Harvest Area (ha)	Production (tons)	Unit Price Rp/kg	Amount Rp.
a	<u>PRO76211</u>	<u>PRO76212</u>	<u>PRO76213</u>	<u>PRO76214</u>	<u>PRO76215</u>
b	<u>PRO76221</u>	<u>PRO76222</u>	<u>PRO76223</u>	<u>PRO76224</u>	<u>PRO76225</u>
c	<u>PRO76231</u>	<u>PRO76232</u>	<u>PRO76233</u>	<u>PRO76234</u>	<u>PRO76235</u>
d	<u>PRO76241</u>	<u>PRO76242</u>	<u>PRO76243</u>	<u>PRO76244</u>	<u>PRO76245</u>
e	<u>PRO76251</u>	<u>PRO76252</u>	<u>PRO76253</u>	<u>PRO76254</u>	<u>PRO76255</u>
f	<u>PRO76261</u>	<u>PRO76262</u>	<u>PRO76263</u>	<u>PRO76264</u>	<u>PRO76265</u>
g	<u>PRO76271</u>	<u>PRO76272</u>	<u>PRO76273</u>	<u>PRO76274</u>	<u>PRO76275</u>
	<u>PRO76281</u>	<u>PRO76282</u>	<u>PRO76283</u>	<u>PRO76284</u>	<u>PRO76285</u>

763 Net Benefit for the following :

7631	Paddy	Rp	<u>NET7631</u>	/Ha	<u>NET76322</u>
7632	Palawija	Rp	<u>NET76321</u>	/Ha (mention Crop)	
7633	Horticulture	Rp	<u>NET76331</u>	/Ha (mention type)	<u>NET76332</u>

764 Average income per farm household per year

Rp. AVE764 /household/year





North Sumatra Village Irrigation Civil Work

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area	IRR PADDY PRI01	IRR PADDY PRI02	RAIK PADDY PRI02	RAIK PADDY PRI03	DRY LAND PRI03	PLANTATION PRI04	GRASS LAND PRI05	FALLOW PRI06	FOREST PRI07	RUSH PRI08	OTHERS PRI09	TOTAL PRI10	WEIR CONSTRUCTION
112	50027 C4	B. Marsada	Dairi	98	28	140	140	0	0	0	0	0	0	0	0	0	140	140 REF
113	50037 C1	B. Hutaibaru	Dairi	126	0	180	180	0	0	0	0	0	0	0	0	0	180	180 REF
114	50020 B4	B. Gapanlano	Dairi	134	29	200	150	192	0	0	0	0	0	0	0	0	192	192 REF
115	50041 C1	B. Jumasiak	Dairi	42	0	60	60	0	0	0	0	0	0	0	0	0	60	60 NEW
116	50027 B4	B. Lae Langaog	Dairi	53	46	133	100	0	0	0	0	0	0	0	0	0	133	75 GOOD
117	50027 B4	B. Siaring-arang	Dairi	138	33	218	150	197	0	0	0	0	0	0	0	0	197	197 NEW
118	50012 C3	B. JumaJoring	Dairi	74	0	106	106	0	0	0	0	0	0	0	0	0	106	106 GOOD
119	50040 B4	B. Karang Parsaulan	Dairi	46	0	55	20	0	0	0	0	0	0	0	0	0	55	55 GOOD
120	50239 B4	B. Sabah Namo Lebou	Karo	28	0	40	20	0	100	50	0	0	0	0	0	0	40	40 GOOD
121	50192 B1	B. Sumbeken Elok	Karo	315	0	382	300	0	0	0	0	0	0	0	0	0	382	600 REF
122	50212 B1	B. Parit Gedang Air Mas	Karo	53	0	84	800	0	0	0	0	0	0	0	0	0	84	75 REF
123	50196 B4	B. Sawah Galumbang	Karo	21	0	29	200	0	0	0	0	0	0	0	0	0	29	30 REF
124	50191 B5	B. Rangka Gilgur	Karo	49	0	40	40	0	0	0	0	0	0	0	0	0	40	110 REF
125	50210 B4	B. Rumanis	Karo	70	0	100	50	0	0	0	0	0	0	0	0	0	100	100 REF
126	50210 B4	B. Lau Geluh	Karo	28	0	37	600	0	0	0	0	0	0	0	0	0	37	40 REF
127	50217 B4	B. Sekajulu	Karo	56	28	104	400	46	0	0	0	0	0	0	0	0	104	100 REF
128	50205 B4	B. Sobah Lepar	Karo	60	0	71	600	45	0	0	0	0	0	0	0	0	71	85 REF
129	50211 B1	B. Lau Penguju	Karo	63	14	58	600	40	0	0	0	0	0	0	0	0	58	50 REF
130	50198 B4	B. Dayu-Datu Cepen	Karo	70	0	65	200	30	0	0	0	0	0	0	0	0	65	100 REF
131	50220 B5	B. Beringin	Karo	35	0	42	000	15	0	0	0	0	0	0	0	0	42	50 GOOD
132	50207 B4	B. Gurubenua	Karo	35	14	83	200	0	0	0	0	0	0	0	0	0	83	50 NEW
133	50075 B3	B. Janji Lobi	Labuhan Batu	42	7	59	500	50	0	0	0	0	0	0	0	0	60	90 GOOD
134	50069 B6	B. Aek Merek	Labuhan Batu	32	15	58	700	23	0	0	0	0	0	0	0	0	58	45 REF
135	50078 B1	B. Aek Tapa	Labuhan Batu	105	35	173	900	45	150	35	35	0	0	0	0	0	280	260 REF
136	50073 B1	B. Aeksihara-hare	Labuhan Batu	56	39	117	000	0	90	65	40	0	0	0	0	0	150	150 GOOD
137	50068 B3	B. Indra Kaye	Labuhan Batu	81	25	124	700	0	115	80	0	0	0	0	0	0	160	160 NEW
138	50059 B2	B. Sibertung	Langkat	39	0	55	200	35	0	0	0	0	0	0	0	0	55	55 NEW
139	50050 B4	B. Kerpet	Langkat	84	0	100	800	100	120	20	0	0	0	0	0	0	120	120 GOOD
140	50065 C1	B. Namu Tambis	Langkat	140	0	188	000	200	200	0	0	0	0	0	0	0	200	200 GOOD
141	50048 B2	B. Cinta Dapet	Langkat	56	7	82	300	0	80	70	0	0	0	0	0	0	80	80 NEW
142	50065 B4	B. Sei Bekudam	Langkat	42	7	59	900	40	10	0	0	0	0	0	0	0	60	60 REF
143	50060 B1	B. Suka Pulung	Langkat	113	0	142	800	130	0	0	0	0	0	0	0	0	130	170 GOOD
144	50054 B1	B. Siwang Lukis	Langkat	42	0	51	400	45	0	0	0	0	0	0	0	0	51	40 NEW
145	50047 B1	B. Seatar/Pamah	Langkat	21	11	49	500	0	30	15	0	0	0	0	0	0	49	190 REF
146	50258 B4	B. Saba Buang	Tapanni Sel	133	11	171	900	100	300	15	0	0	0	0	0	0	300	250 REF
147	50265 B1	B. Saba Napa Gulangan	Tapanni Sel	105	15	157	500	100	150	28	0	0	0	0	0	0	140	140 REF
148	50277 B4	B. SabaJulu/Hutaibaru	Tapanni Sel	105	14	82	200	70	85	35	40	0	0	0	0	0	140	140 REF
149	50256 B4	B. Bondar Tamlang	Tapanni Sel	99	19	151	500	80	142	35	0	0	0	0	0	0	142	142 REF
150	50251 B2	B. Tano Tiris II	Tapanni Sel	172	0	214	600	200	245	50	0	0	0	0	0	0	245	245 REF
151	50257 B4	B. Aek Alaban	Tapanni Sel	81	31	111	500	100	115	0	0	0	0	0	0	0	115	115 GOOD
152	50252 B1	B. Sungai Sidadi	Tapanni Sel	105	7	135	100	100	150	75	35	5	0	0	0	0	190	190 GOOD
153	50258 B1	B. Sabaolak	Tapanni Sel	70	4	91	600	75	100	76	50	40	0	0	0	0	245	245 REF
154	50262 B4	B. Sungai Batang Netai	Tapanni Sel	105	14	144	200	100	150	30	0	0	0	0	0	0	155	155 GOOD
155	50269 B5	B. Bondar Lapan Aek Sihit	Tapanni Sel	40	15	71	100	50	80	10	0	0	0	0	0	0	105	105 GOOD
156	50263 B4	B. Belimbing	Tapanni Sel	60	0	74	400	30	80	20	0	0	0	0	0	0	80	80 NEW
157	50270 B1	B. Sungai Sidadi	Tapanni Sel	172	14	240	600	150	245	75	0	0	0	0	0	0	245	245 NEW
158	50247 B4	B. Tanahudon	Tapanni Sel	63	0	80	900	80	90	10	0	0	0	0	0	0	90	90 GOOD
159	50272 B4	B. Bondar Bulusona	Tapanni Sel	77	4	98	200	75	110	30	0	0	0	0	0	0	110	120 REF
160	50264 B4	B. Toroklas	Tapanni Sel	53	11	71	900	40	75	0	0	0	0	0	0	0	75	72 REF
161	50273 B4	B. Sungai Batang Netai	Tapanni Sel	53	18	92	000	50	75	0	0	0	0	0	0	0	92	215
162	50234 B1	B. Batang Gadis	Tapanni Sel	140	11	162	300	150	200	50	0	0	0	0	0	0	190	100 GOOD
163	50274 B4	B. Siraja Umping	Tapanni Sel	70	28	120	400	40	100	20	0	0	0	0	0	0	95	95 REF
164	50250 B4	B. Aek Siyekkan	Tapanni Sel	67	14	101	000	35	95	40	0	0	0	0	0	0	100	100 GOOD
165	50276 B2	B. Sibang Batang Gadis	Tapanni Sel	74	42	143	400	70	105	15	0	0	0	0	0	0	200	200 GOOD
166	50245 B1	B. Aek Sempalan	Tapanni Sel	40	7	67	000	50	70	25	15	0	0	0	0	0	125	125 GOOD
167	50275 C1	B. Aek Latong	Tapanni Sel	70	0	86	400	100	100	100	0	0	0	0	0	0	225	225 REF
168	50252 B4	B. Marsunzsang Batang	Tapanni Sel	36	7	84	300	30	60	0	0	0	0	0	0	0	95	95 NEW
169	50248 B1	B. Batu Sonik	Tapanni Sel	109	42	180	600	75	135	20	0	0	0	0	0	0	155	155 REF
170	50248 B1	B. Talakak Saba Bahalan	Tapanni Sel	88	7	118	700	100	125	35	0	0	0	0	0	0	160	150 REF
171	50311 B1	B. Aek Sibontar	Tapanni Sel	123	0	132	000	150	175	25	0	0	0	0	0	0	175	175 REF
172	50102 B5	B. Sungai Mente	Angkola	35	0	42	000	35	50	15	0	0	0	0	0	0	50	50 NEW
173	50114 C1	B. Aek Baung	Tapanni Ten	55	0	60	000	50	80	0	0	0	0	0	0	0	80	100
174	50127 B5	B. Ulu Mangkar II	Tapanni Ten	56	0	60	200	50	80	0	0	0	0	0	0	0	100	100 NEW
175	50119 B1	B. Perfortan	Tapanni Ten	42	0	50	000	40	60	0	0	0	0	0	0	0	60	60 REF
176	50124 B7	B. Sabaunan	Tapanni Ten	140	28	204	400	50	203	50	0	0	0	0	0	0	293	293 REF



North Sumatra Village Irrigation

No	CODE	Area Name	Regency	Cross Paddy Fields Planned	L.D. Area	Civil Work	IRR PADDY PRI01	RAIN PADDY PRI02	DRY LAND PRI03	PLANTATION PRI04	GRASS LAND PRI05	FALLOW PRI06	FOREST PRI07	BUSH PRI08	OTHERS PRI09	TOTAL PRI10	WEIR CONDITION									
																		FU101	FU102	FU103	FU104	FU105	FU106	FU107	FU108	FU109
240	50111 B1	C Anggoli	Tapaneli Uta	128	65	238.100	90	0	0	0	0	0	0	0	0	0	183	183 GOOD								
241	50113 B6	C Aek Lumut	Tapaneli Uta	70	42	182.600	15	25	0	0	0	0	0	0	0	0	110	110 XEN								
242	50169 B1	C Aek Sitapean/Parsisito	Tapaneli Uta	140	35	215.500	75	0	0	0	0	0	0	0	0	0	260	260 REH								
243	50166 B1	C Aek Badingin	Tapaneli Uta	70	35	131.900	50	0	0	0	0	0	0	0	0	0	200	200 REH								
244	50137 B4	C Pengaribuan	Tapaneli Uta	70	0	84.600	0	0	0	0	0	0	0	0	0	0	450	450 NEW								
245	50178 B5	C Aek Bari Balon	Tapaneli Uta	57	28	12.800	0	55	0	0	0	0	0	0	0	0	95	95 NEW								
246	50149 C1	C Aek Siberdue II	Tapaneli Uta	105	42	130.800	150	70	0	0	0	0	0	0	0	0	220	220 REH								
247	50137 B4	C Sigifentane	Tapaneli Uta	35	42	118.800	30	85	0	0	0	0	0	0	0	0	270	270 REH								
		TOTAL		2,264	777	3,811,460	1,719	3,228	595	193	1,414	777	181	0	0	2	4,343	4,343								
		GRAND TOTAL		21,504	4,000	32,196,120	16,335	30,679	8,041	1,387	5,047	2,665	1,443	1,219	47	22	675	202	770	411	2,274	433	2,771	2,390	39,406	39,406



South Sulawesi Village Irrigation

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area	Civil Work Planned	IRR PADDY PRI01	RAIN PADDY PRI02	DRY LAND PRI03	PLANTATION PRI04	GRASS LAND PRI05	FALLOW PRI06	FOREST PRI07	BUSH PRI08	OTHERS PRI09	TOTAL PRI10	WEIR CONSTRUCTION			
																		1000Rb.		
1	10094 C1	A Batu Kante	Bantaeng	45	0	54,900	64	0	0	100	100	0	0	0	0	0	354	354		
2	10095 B5	A Bangleo	Bantaeng	21	0	31,500	21	0	0	75	25	0	0	0	0	0	123	123		
3	10095 B5	A Parangrangi	Bantaeng	44	0	138,400	17	0	0	0	0	0	0	0	0	0	125	125		
4	10010 B5	A Batu sumpang	Bantaeng	42	0	49,800	58	0	15	132	15	0	0	0	0	0	257	257		
		SUB TOTAL		176	50	2,746,600	180	231	32	13	283	220	140	140	25	18	0	868		
5	10050 B1	A Alakkang	Barru	140	81	231,900	50	290	35	0	0	1200	1260	2395	2395	0	0	3,855	3,855	
6	10051 C1	A Batu Marajee	Barru	35	0	31,500	50	318	0	0	132	36	36	71	71	0	0	603	603	
7	10052 B1	A Matajang	Barru	53	0	47,700	40	75	145	110	120	0	0	0	0	0	0	305	305	
8	10053 C1	A Tompo	Barru	143	0	178,700	204	213	0	6	3	0	0	0	14	14	0	223	223	
9	10057 B3	A Wapubbu	Barru	219	64	260,900	25	313	186	0	92	0	0	0	0	0	0	313	313	
10	10060 B1	A Buneac	Barru	235	0	28,500	30	581	561	77	77	237	237	0	0	0	0	925	925	
		SUB TOTAL		625	145	763,600	339	892	370	203	372	372	1,336	1,296	2,466	2,466	14	14	6,233	
11	10023 B4	A Tondon Buah (Tondon)	Bone	70	0	71,400	75	100	275	250	415	0	0	1000	1000	0	0	1,915	1,915	
12	10024 B4	A Elle (Tondon)	Bone	70	0	66,600	50	100	315	295	500	500	0	0	0	0	0	1,565	1,565	
13	10028 B4	A Tubus	Bone	252	0	228,400	200	350	363	203	100	70	70	0	0	0	0	733	733	
14	10029 B1	A Baisiru	Bone	140	0	138,000	100	200	200	100	50	50	25	25	0	0	0	425	425	
15	10030 B1	A Alakkang	Bone	105	0	96,900	100	150	272	222	900	145	145	0	0	0	0	1,825	1,825	
16	10032 B4	A Padang Lampe	Bone	140	0	130,800	100	200	150	200	200	0	0	0	0	0	0	800	800	
17	10033 B4	A Lappa Taille	Bone	105	0	106,500	50	150	150	50	350	0	0	0	0	0	0	650	650	
18	10034 B1	A Toddang Joasi	Bone	70	0	70,200	0	200	312	112	800	400	400	0	0	0	0	654	654	
19	10035 B5	A Salu Pokki	Bone	140	0	132,000	0	200	400	200	200	0	0	0	0	0	0	600	600	
20	10037 B3	A Ulu Bubung	Bone	140	0	130,800	0	300	50	0	0	0	0	0	0	0	0	402	402	
21	10043 B4	A Lappa Barong	Bone	70	0	84,800	0	100	200	100	100	0	0	0	0	0	0	462	462	
22	10046 B1	A S.Litta	Bone	140	0	138,000	100	200	200	100	100	0	0	0	0	0	0	600	600	
		SUB TOTAL		1,442	0	1,384,200	825	2,060	2,837	3,809	665	577	577	8	8	2,825	2,825	11,546		
23	10064 B2	A Belumbang	Bulukumba	140	0	150,000	100	100	100	0	0	0	0	0	0	0	0	0	200	200
24	10068 B4	A Jampu	Bulukumba	53	0	59,700	20	75	125	100	0	0	0	0	0	0	0	227	227	
25	10069 B4	A Sarajoko	Bulukumba	21	11	41,600	20	30	40	45	0	0	0	0	0	15	0	75	75	
26	10070 B4	A Poccani	Bulukumba	42	0	55,800	15	60	80	35	0	0	0	0	0	0	0	115	115	
27	10072 B4	A Bongkaree	Bulukumba	105	28	134,300	35	150	75	0	0	0	0	0	0	0	0	260	260	
28	10073 B5	A Pakombong I	Bulukumba	32	0	39,800	25	45	65	65	0	0	0	0	0	0	0	110	110	
29	10074 B4	A Pakombong II	Bulukumba	49	0	54,900	20	70	20	0	0	0	0	0	0	0	0	115	115	
30	10077 B4	A Marame I	Bulukumba	49	0	87,000	50	100	54	4	75	75	10	10	0	0	0	189	189	
31	10078 B4	A Marame II	Bulukumba	21	0	42,900	20	30	80	70	45	20	20	0	0	0	0	165	165	
32	10078 B5	A Polchali	Bulukumba	84	0	89,600	60	120	60	0	0	0	0	0	0	0	0	120	120	
33	10080 B5	A Barana II	Bulukumba	70	0	65,200	50	100	50	0	150	10	10	0	0	0	0	260	260	
34	10089 B1	A Madeng	Bulukumba	224	53	288,500	244	320	0	0	87	13	39	39	0	0	0	388	388	
35	10100 B2	A Tinurung	Bulukumba	70	0	81,000	50	100	100	50	270	270	0	0	0	0	0	429	429	
		SUB TOTAL		951	92	1,295,100	739	1,400	919	389	727	653	286	246	40	40	18	2,742		
36	10103 B4	A Bassaran	Enrekang	14	0	13,000	10	20	40	20	5	0	0	0	0	0	0	55	55	
37	10104 B4	A Hiba	Enrekang	70	0	66,200	80	100	100	0	0	0	0	0	0	0	0	147	147	
38	10105 C1	A Lalantodong	Enrekang	390	0	383,000	557	667	667	0	0	0	0	0	0	0	0	1,164	1,164	
39	10106 B4	A Kalo Baru	Enrekang	203	0	194,700	278	290	316	0	0	0	0	0	0	0	0	606	606	
40	10107 C1	A Kalo Kumba	Enrekang	163	0	104,700	147	167	167	0	0	0	0	0	0	0	0	314	314	
41	10109 C1	A Kalalang	Enrekang	126	0	113,400	180	160	3	8	1	1	0	0	0	0	0	205	205	
42	10115 C1	A Kalindi	Enrekang	124	67	115,800	96	177	0	0	67	4	4	0	0	0	0	279	279	
43	10128 C1	A Karring	Enrekang	14	0	21,000	20	20	15	15	0	0	0	0	0	0	0	35	35	
44	10129 B4	A S. Barlian	Enrekang	51	0	47,700	72	75	85	82	10	10	0	0	0	0	0	167	167	
45	10131 B5	A Salu Gawang	Enrekang	23	0	24,900	30	36	30	24	10	10	0	0	0	0	0	70	70	
46	10134 B4	A Salu Dara	Enrekang	29	0	36,300	21	42	40	25	0	0	0	0	0	0	0	67	67	
47	10135 B4	A Sarassang	Enrekang	24	0	27,000	17	34	25	8	0	0	0	0	0	0	0	42	42	
48	10138 B1	A Salu Kalama	Enrekang	21	0	20,800	10	30	20	0	0	0	0	0	0	0	0	87	87	
		SUB TOTAL		1,136	57	1,144,600	1,518	1,708	1,406	1,297	182	100	24	15	15	5	5	3,238		
49	10139 B5	A Lembang Panai	Gowa	140	0	132,000	50	200	200	50	30	0	0	0	0	0	0	330	330	
50	10140 B5	A Lembang Batang	Gowa	76	4	81,600	103	108	0	0	0	144	138	0	0	0	0	250	250	
51	10141 B5	A Gantarang	Gowa	105	0	100,500	80	150	85	25	0	0	0	0	0	0	0	175	175	
52	10142 B5	A Panakkang	Gowa	140	0	126,400	100	200	125	25	0	0	0	0	0	0	0	325	325	
53	10144 B5	A Peaburung	Gowa	105	0	96,900	75	150	75	0	0	0	0	0	0	0	0	240	240	
54	10145 C2	A Kampania	Gowa	140	0	134,000	200	200	0	0	0	150	150	0	0	0	0	350	350	
55	10146 C2	A Patulayang	Gowa	105	0	95,700	150	150	70	70	0	0	0	0	0	0	0	295	295	

South Sulawesi Village Irrigation

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area	Civil Work	IRR PADDY (PRI01)	RAIN PADDY (PRI02)	DRY LAND (PRI03)	PLANTATION (PRI04)	GRASS LAND (PRI05)	FALLOW (PRI06)	FOREST (PRI07)	BUSH (PRI08)	OTHERS (PRI09)	TOTAL (PRI10)	WEIR CONDITION	
																		10000sq
55	10147 C2	A Kerelebambang	Gowa	0	36,500	0	150	50	0	0	0	0	0	0	0	0	290	REF
57	10148 B5	A Panting	Gowa	0	130,000	0	150	200	0	0	0	0	100	100	0	0	300	REF
58	10149 C1	A Jenebatu	Gowa	0	62,200	0	100	100	50	0	0	0	0	0	0	0	250	REF
59	10150 C1	A Nyulu	Gowa	0	69,000	0	100	100	0	0	0	0	0	0	0	0	200	REF
		SUB TOTAL		1,196	1,132,800	1,709	865	420	130	294	289	0	65	85	390	3	3,005	3,005
60	10154 B5	A Pitape	Jeneponto	0	75,000	0	50	100	50	0	0	0	0	0	0	0	150	REF
61	10156 B3	A Biranglee	Jeneponto	0	79,200	0	125	75	0	0	0	0	0	0	0	0	155	60001
62	10158 B3	A Kalampoto	Jeneponto	0	193,500	0	50	250	200	0	0	0	0	0	0	0	250	NEW
63	10160 B5	A Tangutula	Jeneponto	0	130,300	0	50	150	50	0	0	0	0	0	0	0	200	NEW
64	10162 B4	A Barobbo	Jeneponto	0	140,400	0	100	200	100	0	0	0	0	0	0	0	250	NEW
65	10163 B4	A Tabuakang	Jeneponto	0	105,500	0	50	150	100	0	0	0	0	0	0	0	200	NEW
66	10166 B3	A Pettiro	Jeneponto	0	90,900	0	50	100	40	0	0	0	0	0	0	0	144	REF
67	10168 B2	A Panrita	Jeneponto	10	71,500	79	93	0	4	0	21	11	0	0	0	6	111	NEW
68	10169 B4	A Passaukang	Jeneponto	0	140,400	0	100	200	150	50	0	0	0	0	0	0	300	NEW
69	10170 B5	A Bontonompo	Jeneponto	0	144,000	0	130	200	130	0	0	0	0	0	0	0	330	NEW
70	10172 B4	A Kompassa	Jeneponto	140	135,600	100	200	100	0	0	25	25	0	0	0	0	229	NEW
		SUB TOTAL		1,269	1,307,500	855	1,812	1,123	180	279	46	36	0	0	0	6	2,315	2,315
71	10272 B1	A SAMPANO	Luwu	0	159,600	200	234	34	0	0	0	0	0	0	0	0	234	REF
72	10276 B1	A TOASTIK	Luwu	0	75,600	129	120	0	0	0	0	0	0	0	0	0	120	REF
73	10279 B1	A KAYANG/TOPO	Luwu	0	184,400	200	280	80	0	0	0	0	0	0	0	0	280	REF
74	10280 C1	A TIROMUNDA	Luwu	0	81,000	100	100	50	0	0	0	0	0	0	0	0	150	REF
75	10287 C2	A MALIMBU	Luwu	0	34,800	0	46	46	0	0	0	0	0	0	0	0	63	REF
76	10288 C1	A PARARA MALALING	Luwu	0	19,800	32	32	0	0	1	1	0	0	0	0	0	32	GOOD
77	10291 C2	A POTANTU	Luwu	0	63,000	100	100	0	0	0	0	0	0	0	0	0	100	GOOD
78	10292 C2	A BAEBUNTA	Luwu	0	25,200	40	40	0	0	0	0	0	0	0	0	0	40	GOOD
79	10294 C1	A BERESUNTA	Luwu	0	158,400	240	240	0	0	0	0	0	0	0	0	0	240	NEW
80	10295 C1	A SALULAIYA	Luwu	0	67,800	100	100	0	0	0	0	0	0	0	0	0	100	NEW
81	10295 C1	A YALU-YALU	Luwu	0	156,400	240	240	0	0	0	0	0	0	0	0	0	240	NEW
82	10301 C2	A PATILALAI	Luwu	105	0	94,500	150	150	0	0	0	0	0	0	0	0	150	NEW
		SUB TOTAL		1,177	0	1,122,500	1,522	1,662	210	3	1	1	13	13	0	1,749	1,749	
83	10378 B1	A S E S E	KAWAJU	21	18,900	0	30	30	0	0	0	0	0	0	0	0	30	GOOD
84	10380 B4	A B U R I N G	KAWAJU	34	34,600	0	48	48	0	0	0	0	0	0	0	0	48	REF
85	10381 C3	A BALIRANG/MAI TUMBUKAWAJU	KAWAJU	49	47,100	70	70	0	0	0	0	0	0	0	0	0	70	NEW
86	10382 B1	A T A O S A	KAWAJU	70	93,000	0	100	100	0	0	0	0	0	0	0	0	100	NEW
87	10383 C3	A KARURINDING	KAWAJU	26	35,600	52	52	0	0	0	0	0	0	0	0	0	52	REF
88	10385 C1	A KARANAWU	KAWAJU	28	27,600	40	40	0	0	0	0	0	0	0	0	0	40	REF
89	10386 B3	A BONDEPUTE	KAWAJU	48	42,200	45	45	20	0	0	0	0	0	0	0	0	65	REF
90	10388 C1	A BATU PAPAN	KAWAJU	188	152,200	240	240	0	0	0	0	0	0	0	0	0	240	REF
91	10389 C1	A PURE LI	KAWAJU	105	94,500	150	150	0	0	0	0	0	0	0	0	0	150	GOOD
92	10390 B3	A KALIMAU	KAWAJU	140	135,000	250	250	0	0	0	0	0	0	0	0	0	250	NEW
93	10392 C1	A PURE I	KAWAJU	872	853,200	847	1,245	858	460	0	0	0	0	0	0	0	1,705	1,705
		SUB TOTAL		1,177	0	1,122,500	1,522	1,662	210	3	1	1	13	13	0	1,749	1,749	
94	10176 B1	A Semanzeti	Maros	104	93,600	70	142	78	0	0	0	0	0	0	0	0	158	60001
95	10177 B6	A Pua	Maros	28	26,000	20	40	88	68	130	59	0	0	0	0	0	287	REF
96	10178 B1	A Tombo	Maros	53	47,700	17	75	108	50	35	35	0	0	0	0	0	160	GOOD
97	10182 B6	A Mario I-II-III	Maros	57	78,400	71	81	0	0	0	0	0	0	0	0	0	165	NEW
98	10183 B4	A Malajang I	Maros	88	84,000	15	125	130	0	0	0	0	6	0	0	0	160	REF
99	10184 B4	A Mahaka	Maros	56	50,400	46	60	40	0	0	0	0	6	0	0	0	80	GOOD
100	10195 B1	A Sawaru	Maros	71	62,900	45	102	57	0	0	0	0	0	0	0	0	125	GOOD
101	10197 B4	A Panagi	Maros	70	63,000	15	100	85	0	6	6	0	0	0	0	0	119	NEW
102	10189 B4	A Matandre	Maros	58	55,400	14	94	80	0	6	6	0	0	0	0	0	114	REF
103	10191 B4	A Mahadente & Ujung	Maros	70	63,000	20	100	80	0	0	0	0	0	0	0	0	105	NEW
104	10193 B4	A Makempong	Maros	94	88,200	40	100	160	0	0	0	0	0	0	0	0	187	60001
105	10194 B5	A Manuwatu	Maros	91	81,900	30	100	60	17	17	0	0	43	0	0	0	267	60001
		SUB TOTAL		852	823,500	397	1,215	386	178	294	73	3	0	0	0	23	1,825	1,825
106	10340 B1	A TAYANG PARASE	PULMAS	63	61,500	0	90	90	0	0	0	0	0	0	0	0	110	REF
107	10342 C2	A ANGLA	PULMAS	49	53,700	70	79	30	6	0	0	0	0	0	0	0	100	NEW
108	10343 C2	A TANAMAN	PULMAS	42	46,200	60	60	40	0	0	0	0	0	0	0	0	100	NEW
109	10345 B1	A BETUL LAMBA	PULMAS	49	45,100	70	70	6	0	0	0	0	0	0	0	0	70	REF
110	10347 C2	A PAMPANGAN	PULMAS	51	50,400	80	80	0	0	0	0	0	0	0	0	0	80	GOOD



South Sulawesi Village Irrigation

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area	Civil Work	1BR PADDY PRI01	RAIN PADDY PRI02	FUI01	FUI02	DRY LAND PRI03	PLANTATION PRI04	GRASS LAND PRI05	FALLOW PRI06	FOREST PRI07	FUI07	BUSH PRI08	PRI09	OTHERS PRI09	TOTAL FUI10	WEIR CONDITION	
																						FUI01
1	10015 B3	B Cenrana	Bone	0	180,300	0	50	250	400	200	200	800	0	0	0	1000	0	0	300	300	2,550	REH
2	10016 B6	B Lappang	Bone	0	150,000	0	0	200	792	592	200	200	300	0	0	2000	0	0	0	0	3,282	*NEW
3	10017 B3	B Sabbang Paru	Bone	0	133,200	0	0	200	570	370	1400	1400	0	0	0	80	30	25	0	0	2,225	*NEW
4	10018 B1	B Lawara	Bone	0	93,600	0	100	100	200	200	100	0	0	0	0	0	0	0	0	0	2,215	*NEW
5	10019 B4	B Pising	Bone	0	79,600	0	100	120	200	0	65	65	0	0	0	0	0	0	0	0	2,015	*NEW
6	10020 B1	B Timpas	Bone	0	38,500	0	30	50	20	0	60	60	0	0	0	0	0	0	0	0	706	REH
7	10021 B1	B Tempang Use	Bone	0	31,500	0	200	250	50	0	800	860	0	0	0	50	50	0	0	0	1,100	REH
8	10022 B4	B Toila	Bone	0	183,500	0	200	250	50	0	870	870	18	75	75	220	220	0	420	420	1,853	*NEW
9	10023 B1	B Gopri	Bone	0	223,000	0	0	200	100	100	1000	900	0	0	0	1000	1000	0	0	0	1,359	*NEW
10	10024 C1	B Patukko	Bone	0	38,100	0	30	50	25	150	150	100	0	0	0	325	325	0	0	0	1,500	REH
11	10025 B4	B Langaraj	Bone	0	41,100	0	23	50	120	95	100	100	0	0	0	275	275	0	0	0	550	*NEW
12	10026 B4	B Lakojiang	Bone	0	39,600	0	15	45	60	30	50	50	0	0	0	300	300	0	0	0	545	*NEW
13	10027 B3	B Leoni	Bone	0	204,600	0	0	317	317	0	0	0	0	0	0	0	0	117	117	0	425	*NEW
14	10028 B2	B Galung Baru	Bulukumba	28	85,200	0	0	40	0	0	15	15	0	0	0	0	0	0	0	0	434	*NEW
15	10029 B2	B Anisia	Bulukumba	189	220,700	0	200	270	10	0	20	0	0	0	0	0	0	0	0	0	95	REH
16	10030 B1	B Koepenni	Bulukumba	105	121,900	0	100	150	50	20	60	50	10	0	0	0	0	0	0	0	270	REH
17	10031 B2	B Lembari Timurung	Bulukumba	105	114,900	0	100	150	50	0	100	100	0	0	0	0	0	0	0	0	220	REH
18	10032 B1	B Kassi Buleng	Bulukumba	105	84,100	0	70	100	50	30	50	70	0	0	0	0	0	0	0	0	250	REH
19	10033 C1	B Patiroango	Bulukumba	18	27,000	0	25	35	25	0	0	0	0	0	0	0	0	0	55	55	179	REH
20	10034 B4	B Pulonggo	Bulukumba	81	118,200	0	85	115	0	0	0	15	0	0	0	0	0	15	0	0	115	REH
21	10035 B4	B Katuru	Bulukumba	18	80,700	0	30	100	25	3	100	100	160	0	0	25	0	0	0	0	365	*NEW
22	10036 B1	B Lembari perang	Bulukumba	70	78,200	0	80	100	25	0	50	0	0	0	0	0	0	0	0	0	139	GOOD
23	10037 B2	B Cepengge	Bulukumba	35	132,800	0	64	139	25	0	10	0	0	0	0	0	0	0	0	0	60	NEW
24	10038 C2	B Bambaungan	Bulukumba	35	37,500	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	115	NEW
25	10039 C1	B Lakatoang	Bulukumba	18	31,800	0	25	25	90	0	0	0	0	0	0	0	0	0	0	0	100	NEW
26	10040 B1	B Sali Raja I	Bulukumba	70	77,400	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0	120	GOOD
27	10041 B4	B Balakang	Bulukumba	84	126,300	0	40	120	25	0	50	0	0	0	0	0	0	0	0	0	230	NEW
28	10042 B4	B Balutempo	Bulukumba	74	70,920	0	100	105	40	35	70	70	15	15	0	0	0	0	0	0	160	REH
29	10043 B5	B Matili	Bulukumba	53	56,500	0	70	75	0	0	50	45	40	0	0	0	0	0	0	0	125	NEW
30	10044 B5	B Borongkondo	Bulukumba	70	94,800	0	100	25	0	50	25	0	0	0	0	0	0	0	0	0	300	NEW
31	10045 B1	B Gologgo	Bulukumba	10	105,200	0	50	100	80	50	200	180	0	0	0	0	0	0	0	0	100	NEW
32	10046 B2	B Kabiling	Bulukumba	42	62,000	0	30	60	50	0	0	0	0	0	0	0	0	0	0	0	80	NEW
33	10047 B1	B Bontoraja	Bulukumba	55	68,400	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0	28	REH
34	10048 C1	B Sitodan	Enrekang	48	46,800	0	88	88	20	26	0	0	0	0	0	0	0	0	0	0	184	REH
35	10049 C1	B Kaloko	Enrekang	0	92,600	0	140	140	22	22	22	10	10	0	0	0	0	0	0	0	194	REH
36	10050 C1	B Kambelangi I	Enrekang	49	47,700	0	70	70	3	6	0	0	0	0	0	0	0	0	0	0	22	REH
37	10051 C1	B Kambelangi II	Enrekang	49	40,100	0	58	58	0	0	5	0	0	0	0	0	0	0	0	0	98	REH
38	10052 C1	B Purinding	Enrekang	72	31,200	0	43	63	0	0	0	0	0	0	0	0	0	0	0	0	50	REH
39	10053 C2	B Passaran	Enrekang	35	76,900	0	110	110	0	0	13	15	15	0	0	0	0	0	0	0	140	NEW
40	10054 C1	B Bulawan	Enrekang	122	36,380	0	50	50	10	10	0	0	0	0	0	0	0	0	0	0	80	REH
41	10055 C1	B Dute Malano/Pelam	Enrekang	77	117,800	0	174	174	0	0	50	50	0	0	0	0	0	0	0	0	224	REH
42	10056 C2	B Pangarak	Enrekang	105	79,600	0	120	120	0	0	0	0	0	0	0	0	0	0	0	0	110	REH
43	10057 C2	B Gogge /Leon	Enrekang	105	96,100	0	150	150	0	0	277	277	0	0	0	0	0	0	0	0	120	REH
44	10058 C2	B Tun	Enrekang	105	85,300	0	35	80	10	0	219	219	0	0	0	0	0	0	0	0	784	REH
45	10059 C1	B Dadeso	Enrekang	25	21,500	0	30	30	5	5	24	24	80	80	0	0	0	0	0	0	723	REH
46	10060 B4	B Zeringin	Enrekang	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	REH
47	10061 B4	B S. Noran	Enrekang	70	150,200	0	225	225	100	100	0	0	0	0	0	0	0	0	0	0	139	REH
48	10062 B1	B Gona	Jeneponto	105	168,900	0	100	150	50	0	50	50	0	0	0	0	0	0	0	0	178	REH
49	10063 B1	B Tonrang	Jeneponto	167	165,400	0	150	210	50	0	25	25	0	0	0	0	0	0	0	0	325	REH
50	10064 B6	B Banekentette	Jeneponto	105	84,500	0	100	150	50	0	35	35	0	0	0	0	0	0	0	0	200	NEW
51	10065 B3	B Sulurang	Jeneponto	105	174,500	0	80	150	100	30	25	25	0	0	0	0	0	0	0	0	235	NEW
52	10066 B3	B Soas/Batara	Jeneponto	183	168,500	0	0	225	225	0	0	0	0	0	0	0	0	0	0	0	200	GOOD
53	10067 B1	B Balangabodo	Jeneponto	70	63,000	0	0	150	160	0	0	0	0	0	0	0	0	0	0	0	213	REH
54	10068 B1	B Pantarisi	Jeneponto	105	36,700	0	60	150	50	0	0	0	0	0	0	0	0	0	0	0	235	GOOD
55	10069 B1	B Bantudikang	Jeneponto	134	22,200	0	220	220	330	0	0	0	0	0	0	0	0	0	0	0	100	GOOD
56	10070 B1	B Panayyan	Jeneponto	105	100,500	0	100	150	50	0	0	0	0	0	0	0	0	0	0	0	185	NEW
57	10071 B4	B Paer-pae	Jeneponto	105	106,500	0	100	150	125	75	0	0	0	0	0	0	0	0	0	0	559	*NEW
58	10072 B1	B LIMERING	Luwu	210	73,900	0	63	102	17	0	0	0	0	0	0	0	0	0	0	0	150	NEW
59	10073 B1	B LALENTO	Luwu	38	248,400	0	246	300	0	0	194	100	0	0	0	0	0	0	0	0	225	NEW
60	10074 B1	B TEMBELE	Luwu	140	138,000	0	150	200	145	95	0	0	0	0	0	0	0	0	0	0	400	REH
61	10075 C1	B K A I S S	Luwu	42	43,800	0	60	60	0	0	0	0	0	0	0	0	0	0	0	0	285	REH
62	10076 C2	B P A V A	Luwu	123	119,700	0	180	190	0	0	0	0	0	0	0	0	0	0	0	0	50	REH
63	10077 C2	B P A V A	Luwu	123	119,700	0	180	190	0	0	0	0	0	0	0	0	0	0	0	0	190	REH

South Sulawesi Village Irrigation

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area Planned	Civill Work 1000M <sup>3</sup>	IRR PADDY PRI01	RAIN PADDY PRI02	DRY LAND PRI03	PLANTATION PRI04	GRASS LAND PRI05	FALLOW PRI06	FOREST PRI07	BUSH PRI08	OTHERS PRI09	TOTAL PRI10	WEIR CONDITION								
																		FU101	FU102	FU103	FU104	FU105	FU106	FU107	FU108
58	10275 C1	B KADING	Wajo	119	0	11,100	170	30	0	0	0	0	0	0	0	0	260	200	REH						
59	10281 C1	B MERRANG	Wajo	42	0	41,800	60	0	0	0	0	0	0	0	0	0	60	60	REH						
70	10282 C1	B PARANG LAMBE	Wajo	22	0	205,800	317	0	0	0	0	0	0	0	0	0	317	317	REH						
71	10283 B4	B TALUBARA	Wajo	58	0	85,200	125	0	0	0	0	0	0	0	0	0	125	125	REH						
72	10292 C2	B S.A.S.A	Wajo	25	0	35,300	70	0	0	0	0	0	0	0	0	0	30	30	REH						
73	10293 C1	B KALUSU	Wajo	53	0	21,900	75	0	0	0	0	0	0	0	0	0	75	75	REH						
74	10298 C1	B TANGUNG	Wajo	21	0	28,900	30	0	0	0	0	0	0	0	0	0	30	30	REH						
75	10299 B1	B POMPALANG	Wajo	49	0	50,100	70	0	0	0	0	0	0	0	0	0	70	70	REH						
76	10300 C2	B PATILLA II	Wajo	35	0	33,300	50	0	0	0	0	0	0	0	0	0	50	50	REH						
77	10173 C1	B TANGSARANG	Maros	49	0	51,300	70	0	0	0	0	0	0	0	0	0	70	70	REH						
78	10174 C1	B Bangsela	Maros	35	0	31,500	50	25	0	0	0	0	0	0	0	0	25	25	NEW						
79	10175 B1	B Swadiri	Maros	60	0	62,000	51	85	104	183	0	0	0	0	0	0	85	85	GOV01						
80	10180 B4	B Belusarupa (Masalit)	Maros	105	57	192,600	150	311	243	82	0	129	129	0	0	0	311	311	REH						
81	10185 B4	B Bontoa	Maros	48	0	41,200	38	68	30	13	0	0	0	0	0	0	68	68	GOV01						
82	10188 B4	B Malina	Maros	87	0	82,600	100	119	10	13	0	0	0	0	0	0	119	119	GOV01						
83	10190 B4	B Bontocanga	Maros	70	0	67,600	75	100	23	0	0	0	0	0	0	0	75	75	REH						
84	10242 C1	B Panette Panasa	Maros	32	0	31,500	50	101	50	0	0	0	0	0	0	0	50	50	NEW						
85	10243 B5	B Batu Lotong	Maros	39	0	37,500	0	50	50	0	0	0	0	0	0	0	200	200	NEW						
86	10338 C1	B B A T U	POLMAS	63	0	59,100	90	25	25	0	0	0	0	0	0	0	100	100	NEW						
87	10339 C1	B SALUPANGI	POLMAS	56	0	53,200	80	20	20	0	0	0	0	0	0	0	115	115	REH						
88	10341 C2	B M A M M I	POLMAS	32	0	30,600	45	45	0	0	0	0	0	0	0	0	100	100	REH						
89	10344 C1	B KALEOK	POLMAS	45	0	47,400	65	65	0	0	0	0	0	0	0	0	65	65	REH						
90	10346 C1	B SULOPO	POLMAS	112	0	102,400	160	180	100	0	0	0	0	0	0	0	260	260	REH						
91	10350 C1	B GALLUNG LOMBON	POLMAS	56	0	54,400	80	80	20	0	0	0	0	0	0	0	100	100	REH						
92	10351 C1	B LAJANG	POLMAS	49	0	50,100	70	30	30	0	0	0	0	0	0	0	100	100	REH						
93	10352 C1	B TAGONE	POLMAS	21	0	23,200	20	20	5	0	0	0	0	0	0	0	125	125	REH						
94	10357 C1	B MANGAE	POLMAS	81	0	75,300	115	0	5	0	0	0	0	0	0	0	115	115	REH						
95	10359 C1	B P A R A K	POLMAS	140	0	127,500	200	0	0	0	0	0	0	0	0	0	200	200	NEW						
96	10360 C2	B OROBGA/UEKITA-S. PARANGPOLMAS	POLMAS	44	0	44,400	62	62	0	0	0	0	0	0	0	0	62	62	NEW						
97	10361 C1	B SALO BEE	POLMAS	41	0	38,100	58	58	0	0	0	0	0	0	0	0	58	58	REH						
98	10362 C1	B S. PONGRO	POLMAS	28	0	28,400	40	40	0	0	0	0	0	0	0	0	40	40	REH						
99	10365 C1	B SARIAYO	POLMAS	32	0	32,800	45	45	15	0	0	0	0	0	0	0	60	60	REH						
100	10368 C1	B MAMALANGAN	POLMAS	42	0	41,800	60	60	0	0	0	0	0	0	0	0	60	60	REH						
101	10369 C1	B PEVANIAN	POLMAS	42	0	41,000	60	40	40	0	0	0	0	0	0	0	100	100	REH						
102	10371 C1	B LAJANG	POLMAS	25	0	25,700	35	35	0	0	0	0	0	0	0	0	35	35	REH						
103	10374 C1	B LEYONG	POLMAS	25	0	28,500	35	35	10	0	0	0	0	0	0	0	45	45	REH						
104	10376 C2	B S. HANGI	POLMAS	70	0	66,200	100	100	42	0	0	0	0	0	0	0	142	142	REH						
105	10377 C1	B MUKASAN	POLMAS	42	0	41,000	60	82	82	0	0	0	0	0	0	0	142	142	REH						
106	10395 C1	B Lesipeppi	Sidrop	186	0	168,600	263	340	340	647	357	357	0	0	0	2,449	2,449	NEW							
107	10404 C1	B PALING	TANA TORAJA	42	0	47,400	60	60	20	0	0	0	0	0	0	0	60	60	NEW						
108	10407 B4	B SAMPANG BATU II	TANA TORAJA	35	0	33,900	50	50	10	0	0	0	0	0	0	0	60	60	REH						
109	10309 C1	B DI KADA	TANA TORAJA	70	0	65,800	100	100	15	0	0	0	0	0	0	0	115	115	REH						
110	10310 C2	B ROMBA II	TANA TORAJA	70	0	63,800	100	20	20	0	0	0	0	0	0	0	120	120	REH						
111	10314 C1	B MABARA	TANA TORAJA	70	0	66,200	100	25	25	0	0	0	0	0	0	0	125	125	REH						
112	10317 C1	B T A U R A	TANA TORAJA	105	0	94,500	150	10	10	0	0	0	0	0	0	0	160	160	GOV01						
113	10318 C1	B PA DATTERAN	TANA TORAJA	70	0	72,600	100	20	20	0	0	0	0	0	0	0	120	120	NEW						
114	10320 C2	B SALUSA	TANA TORAJA	140	0	130,400	200	25	25	0	0	0	0	0	0	0	225	225	NEW						
115	10323 C1	B SATTANGUNG LEPPAN	TANA TORAJA	32	0	53,100	50	50	15	0	0	0	0	0	0	0	65	65	NEW						
116	10325 B4	B SALLURANO	TANA TORAJA	38	0	30,400	100	123	23	0	0	0	0	0	0	0	125	125	NEW						
117	10327 C1	B SIMAE	TANA TORAJA	70	0	65,000	100	160	0	0	0	0	0	0	0	0	100	100	REH						
118	10328 C1	B LEWANGAN	TANA TORAJA	98	0	94,200	140	15	15	0	0	0	0	0	0	0	155	155	REH						
119	10330 C3	B MATANDE	TANA TORAJA	70	0	63,800	100	100	20	0	0	0	0	0	0	0	120	120	REH						
120	10331 C1	B SUNGAI URU	TANA TORAJA	49	0	52,500	70	70	10	0	0	0	0	0	0	0	90	90	REH						
121	10331 C1	B TO KARAU	TANA TORAJA	63	0	60,300	90	50	15	0	0	0	0	0	0	0	105	105	REH						
122	10334 C1	B PASANG	TANA TORAJA	140	0	129,200	200	0	0	0	0	0	0	0	0	0	200	200	REH						
123	10336 C3	B PASARONWAY	TANA TORAJA	70	0	83,000	100	50	50	0	0	0	0	0	0	0	150	150	REH						
124	10316 C3	B Iret/Genturaj I	Wajo	151	0	189,900	215	215	0	0	0	0	0	0	0	0	430	430	NEW						
125	10271 B3	B Genant III/Solo	Wajo	160	0	108,000	60	60	25	0	0	0	0	0	0	0	185	185	NEW						
126	10271 B4	B Genant III/Solo	Wajo	102	0	98,300	60	60	25	0	0	0	0	0	0	0	225	225	REH						
127	10225 B1	B SAKMII/Doping/Cinogahajo	Wajo	105	0	104,100	150	150	50	0	0	0	0	0	0	0	150	150	NEW						
128	10232 B3	B Nerabera	Wajo	70	0	99,000	65	100	500	465	0	0	0	0	0	0	709	709	NEW						
				10,286		574,111,089,720	10,923	14,675	8,293	5,357	2,331	2,428	2,002	8,025	8,025	9,005	2,980	75	25	1,261	1,261	42,146	42,146		
1	10001 B4	C Balangmiring	Bantaeng	38	19	64,900	27	54	0	0	0	0	0	0	0	0	50	50	0	0	0	0	152	152	NEW
2	10003 B4	C Kijang	Bantaeng	84	42	135,600	60	120	0	0	0	0	0	0	0	0	160	160	0	0	0	0	160	160	NEW

South Sulawesi Village Irrigation

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area	Civil Work	IRR PADDY PRI01	IRR PADDY PRI02	RAIK-PADDY PRI02	DRY LAND PRI03	FUI03	PLANTATION PRI04	FUI04	GRASS LAND PRI05	FUI05	FALLOW PRI06	FUI06	FOREST PRI07	FUI07	BUSH PRI08	FUI08	OTHERS PRI09	FUI09	TOTAL FUI10	WEIP CONNECTION			
																										REC	1000Ha	
3	10008 B5	C Sinoa I	Bantaeng	115	60	130,800	80	165	0	0	250	154	0	0	0	0	0	0	0	0	0	0	45	376	376	376	NEW	
4	10012 B5	C Sabbaro	Bantaeng	17	17	28,600	22	24	0	0	15	13	10	0	0	0	0	0	0	0	0	0	0	0	47	47	47	NEW
5	10025 B4	C Batudoli	Bantaeng	260	224	555,200	80	400	0	0	320	15	0	0	0	0	0	0	0	0	0	0	0	0	490	490	490	NEW
6	10049 B1	C Aikhang	Barru	53	0	57,700	70	75	350	345	573	573	0	0	0	0	0	3926	3926	0	0	0	0	0	4,903	4,903	4,903	REH
7	10053 C1	C Pakkang	Barru	140	0	138,000	260	200	200	448	25	15	13	0	0	0	0	0	0	0	0	0	0	0	780	780	780	REH
8	10058 C1	C Pajjeng E	Barru	305	0	136,000	200	200	200	370	150	50	50	180	180	0	0	0	0	0	0	0	0	0	850	850	850	REH
9	10058 C1	C Ulu	Barru	305	0	136,000	435	435	540	540	641	641	287	287	372	372	0	0	0	0	0	0	0	0	2,275	2,275	2,275	REH
10	10020 B4	C Lito Sitoppo	Bone	70	105	211,500	40	100	80	100	200	50	0	0	0	0	0	0	0	0	0	0	0	0	313	313	313	REH
11	10038 B4	C Mandarangi	Bone	70	42	136,000	40	100	80	100	200	50	0	0	0	0	0	0	0	0	0	0	0	0	300	300	300	NEW
12	10039 B4	C Langi	Bone	35	35	23,000	0	50	50	50	100	40	0	0	0	0	0	0	0	0	0	0	0	0	450	450	450	NEW
13	10044 C1	C S. Baki	Bone	58	0	50,400	80	80	520	520	1346	1346	0	0	0	0	0	0	0	0	257	257	0	0	500	500	500	NEW
14	10062 B4	C Bulukumba	Bulukumba	49	25	81,400	35	70	0	0	100	63	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	NEW
15	10076 B4	C Serigi Panta	Bulukumba	70	25	107,500	65	100	0	0	100	63	0	0	0	0	0	0	0	0	0	0	0	0	165	165	165	NEW
16	10084 B4	C Lili I	Bulukumba	123	88	236,500	50	175	0	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0	175	175	175	NEW
17	10085 B4	C Lili II	Bulukumba	70	49	141,100	30	100	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	NEW
18	10088 B4	C Batu eja II (La eja)	Bulukumba	105	70	209,500	50	150	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	150	150	150	NEW
19	10089 B4	C Bontoppo	Bulukumba	53	18	86,700	50	75	0	0	60	25	0	0	0	0	0	0	0	0	0	0	0	0	106	106	106	NEW
20	10092 B5	C Malangka	Bulukumba	70	42	119,700	40	100	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	NEW
21	10093 B5	C Patontangan	Bulukumba	56	21	84,900	50	80	0	0	40	10	0	0	0	0	0	0	0	0	0	0	0	0	90	90	90	NEW
22	10098 B5	C Labumatti	Bulukumba	53	18	77,100	50	75	0	0	75	50	25	25	0	0	0	0	0	0	0	0	0	0	150	150	150	NEW
23	10098 B5	C Bontorinne	Bulukumba	98	49	187,500	70	140	0	0	175	175	25	25	0	0	0	0	0	0	0	0	0	0	306	306	306	NEW
24	10114 C1	C Totallare/Bonto	Enrekang	74	0	97,320	105	105	0	0	175	175	25	25	0	0	0	0	0	0	0	0	0	0	32	32	32	REH
25	10118 C1	C Pantawan/Bonto	Enrekang	22	0	31,400	31	31	0	0	129	63	0	0	0	0	0	0	0	0	0	0	0	0	1,231	1,231	1,231	REH
26	10124 B5	C Sengka	Enrekang	134	53	191,800	115	191	0	0	75	132	0	0	0	0	0	0	0	0	0	0	0	0	232	232	232	REH
27	10125 B5	C Kao/Tantido	Enrekang	70	18	90,000	75	100	0	0	157	152	0	0	0	0	0	0	0	0	0	0	0	0	240	240	240	REH
28	10130 C1	C Meabura	Enrekang	40	0	38,520	57	57	80	80	5	5	83	83	0	0	0	0	0	0	0	0	0	0	65	65	65	REH
29	10132 B3	C Baraka	Enrekang	23	0	35,700	42	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
30	10164 C3	C Kassikebo	Enrekang	60	0	54,000	85	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	42	42	REH
31	10263 C1	C BARANG MAMASE	Jenepono	140	0	138,000	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
32	10278 C1	C TINGGAS	Jenepono	29	0	32,100	42	42	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	REH
33	10364 C1	C MAJENE	Majene	45	0	53,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
34	10391 C1	C A N U S U	Majene	26	0	28,200	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
35	10397 B2	C GULILING PORRA	Makulu	140	0	128,000	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	195	195	195	G0001
36	10132 B5	C Batu-bulu	Makulu	74	25	99,100	70	105	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80	80	REH
37	10241 C1	C Pattiro	Maros	28	0	27,000	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160	160	160	REH
38	10244 C3	C Rumbia I	Maros	70	0	75,000	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
39	10248 C3	C Rumbia II	Maros	70	0	75,000	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
40	10248 C3	C Sambucis	Maros	70	0	75,000	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	200	REH
41	10247 C1	C Swadiri	Maros	105	0	105,000	150	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	150	150	REH
42	10237 C1	C MATARAI	Maros	53	0	53,700	75	75	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	REH
43	10256 B5	C SALO RATTE	POLMAS	39	0	35,800	22	56	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	REH
44	10263 C2	C DI. TONDOK BAKARU	POLMAS	53	0	50,900	75	75	75	75	15	15	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	REH
45	10284 C2	C DI. TAWANE	POLMAS	53	0	48,900	30	30	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	REH
46	10367 C1	C PASMAN	POLMAS	31	0	22,100	30	30	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	REH
47	10370 C1	C KADANE	POLMAS	18	0	14,400	25	25	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	REH
48	10235 B1	C Paciro/Akka Jenepono	Pare-pare	14	0	14,400	20	20	40	40	5	5	10	10	0	0	0	0	0	0	0	0	0	0	75	75	75	REH
49	10240 C1	C Lomoe/Caramale	Pare-pare	105	0	102,500	150	150	50	50	150	100	100	0	0	0	0	0	0	0	0	0	0	0	450	450	450	REH
50	10246 B6	C Pakellii I	Sinjai	126	13	133,100	60	180	180	180	45	37	0	0	0	0	0	0	0	0	0	0	0	0	780	780	780	NEW
51	10187 B4	C Arong II	Sinjai	21	6	32,700	20	30	37	35	45	37	0	0	0	0	0	0	0	0	0	0	0	0	177	177	177	NEW
52	10211 C1	C Ompo I	Soppeng	42	0	43,600	60	60	0	0	152	152	0	0	0</													

West Nusa Tenggara Village Irrigation

No	CODE	Area Name	Residency	Gross Paddy Fields Planned	L.D. Area (Ha.)	Civil Work	1000Rp.													TOTAL FU110	WEIR CONDITION					
							IRR PADDY PR101	BRAIN PADDY PR102	DRY LAND FU103	PLANTATION GRASS LAND PR104	FALLOW PR105	FOREST PR107	BUSH PR108	OTHERS PR109	FU110	PR110	PR111	PR112	PR113							
1	36005 B1	A MONTA	BIMA	108	0	105,200	100	154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154	REH	
2	36014 B1	A DAW BRONG	BIMA	88	0	37,200	80	125	45	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	140	REH
3	36016 C1	A RABA SANGGA	BIMA	111	0	107,100	111	131	0	0	1	0	0	0	11	11	0	0	0	0	0	0	0	0	123	REH
4	36018 B1	A DAW NGERU	BIMA	105	0	115,500	100	150	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	REH
5	36019 B1	A PANDE	BIMA	147	0	147,300	150	210	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210	REH
6	36020 C1	A TOLOTU	BIMA	105	0	94,500	150	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	GOOD
7	36023 B2	A DAW ROJA	BIMA	70	0	63,000	95	100	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	NEW
8	36024 B2	A DAW DING MPINGABIMA	BIMA	53	0	47,700	75	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	GOOD
9	36025 C1	A SORI TOLO LERE	BIMA	70	0	63,000	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	REH
10	36026 C1	A SONCO KATIPU	BIMA	109	0	98,100	165	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	REH
11	36027 B1	A OVI FANDA	BIMA	123	70	201,700	75	175	0	0	25	0	10	0	200	135	0	0	0	0	0	0	0	0	310	GOOD
		SUB TOTAL		881	70	1,144,300	1,172	1,505	233	0	41	16	10	0	200	135	0	0	0	0	0	0	0	0	1,669	1,669
12	32002 C1	A AWASAD	DOMPU	70	0	71,400	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	NEW
13	32003 B4	A DORO ROBE	DOMPU	49	49	113,800	0	70	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	70	NEW
14	32004 C1	A RASANG SURA	DOMPU	19	0	29,100	27	27	0	0	38	58	0	0	0	0	0	0	0	0	0	0	0	0	85	NEW
15	32007 C1	A ROCABO WANO	DOMPU	98	0	103,800	140	140	0	0	75	75	0	0	0	0	0	0	0	0	0	0	0	0	140	NEW
16	32008 B4	A KALATE ROGU	DOMPU	70	0	70,200	50	100	50	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	150	NEW
17	32013 C2	A MADA MANINI	DOMPU	70	0	70,200	70	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	NEW
18	32020 C1	A WOKO I	DOMPU	28	0	40,800	40	40	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	50	NEW
		SUB TOTAL		404	49	499,300	427	547	50	0	263	153	0	0	13	13	0	0	0	0	0	0	0	0	767	767
19	34003 B4	A LOMBOK PELOK	LOMBOK BARAT	210	0	195,200	60	300	300	80	25	25	0	0	0	0	0	0	0	0	0	0	0	0	980	REH
20	34024 C1	A LOMBOK TRIPAS	LOMBOK BARAT	24	0	33,400	34	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	57	REH
21	34008 C1	A LENGGORING	LOMBOK BARAT	140	0	126,000	200	280	80	280	280	0	0	0	0	0	0	0	0	0	0	0	0	0	580	GOOD
22	34009 C1	A SERRAT II (SURALOMBOK BARAT	LOMBOK BARAT	436	0	423,000	623	623	623	1465	1465	1605	0	0	0	0	0	0	0	0	0	0	0	0	30	REH
23	34010 C3	A BURJAN	LOMBOK BARAT	134	0	120,800	182	182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182	REH
24	34012 C1	A MANGGALA	LOMBOK BARAT	179	0	191,100	258	257	257	1775	1775	0	0	0	0	0	0	0	0	0	0	0	0	0	45	REH
25	34013 C1	A BANGKET BAYAN	LOMBOK BARAT	101	0	120,900	144	144	0	0	3440	3440	0	0	0	0	0	0	0	0	0	0	0	0	3,584	NEW
26	34018 C3	A TELAGA SESOAR	LOMBOK BARAT	35	0	18,900	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	NEW
27	34022 B1	A LABIHAN POH	LOMBOK BARAT	21	14	47,800	0	30	10	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	30	GOOD
28	34025 B5	SUB TOTAL		1,311	14	1,513,900	1,579	1,859	1,300	1,040	7,024	7,004	1,905	1,905	0	0	0	0	0	0	0	0	0	0	99	12,182
29	31005 C1	A REBAN BARU	LOMBOK TENGAH	251	0	225,500	359	0	0	328	328	0	0	0	0	0	0	0	0	0	0	0	0	0	3,423	REH
30	31008 B4	A SIDEMEN	LOMBOK TENGAH	188	0	183,600	282	21	0	439	439	0	0	0	0	0	0	0	0	0	0	0	0	0	42	REH
31	31009 B4	A ETAT TEREP	LOMBOK TENGAH	75	0	72,600	101	108	7	0	167	167	0	0	0	0	0	0	0	0	0	0	0	0	16	REH
32	31010 B3	A MELEP	LOMBOK TENGAH	301	0	274,500	430	280	0	118	118	0	0	0	0	0	0	0	0	0	0	0	0	0	52	REH
33	37001 B5	A JURANG JERONK	LOMBOK TENGAH	63	0	59,700	50	90	40	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	60	REH
34	37002 B4	A AYAT KUBUR KELALOMBOK TENGAH	LOMBOK TENGAH	105	0	100,500	75	150	85	10	37	37	0	0	0	0	0	0	0	0	0	0	0	0	234	REH
35	37003 C1	A MONTONG SAPAH	LOMBOK TENGAH	65	0	41,700	13	33	20	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	37	REH
36	37004 B6	A KANGEBE	LOMBOK TENGAH	140	0	142,800	0	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	NEW
37	37005 B4	A TIBU PETUNG	LOMBOK TENGAH	175	0	205,500	0	250	250	0	250	250	0	0	0	0	0	0	0	0	0	0	0	0	500	NEW
38	37006 B4	A SURA RAJAR	LOMBOK TENGAH	210	0	201,000	0	300	300	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	350	REH
		SUB TOTAL		1,552	0	1,511,400	1,010	2,203	1,303	10	1,412	1,412	37	37	0	0	0	0	0	0	0	0	0	0	116	11,909
39	35001 C1	A WELDING	LOMBOK TIMUR	108	0	101,400	154	0	0	13	13	38	38	0	0	0	0	0	0	0	0	0	0	0	816	REH
40	35002 C2	A PEROPPOK	LOMBOK TIMUR	138	0	132,600	197	197	187	0	3	3	5	5	0	0	0	0	0	0	0	0	0	0	6	NEW
41	35004 B5	A WADANG	LOMBOK TIMUR	42	5	57,900	53	60	0	4	0	13	10	0	0	0	0	0	0	0	0	0	0	0	620	NEW
42	35005 B5	A PLANTING	LOMBOK TIMUR	158	0	157,800	123	223	123	24	30	30	42	42	0	0	0	0	0	0	0	0	0	0	33	NEW
43	35010 B4	A OTAK REBAN	LOMBOK TIMUR	105	18	117,900	124	150	6	0	26	0	122	122	0	0	0	0	0	0	0	0	0	0	10	NEW
44	35011 B4	A TERENG BENGKOK	LOMBOK TIMUR	53	0	65,700	68	75	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	NEW
45	35015 B4	A MENCERIP	LOMBOK TIMUR	209	183	400,500	37	298	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,015	REH
46	35019 B5	A GURJAR	LOMBOK TIMUR	40	0	40,800	52	57	5	0	20	20	26	26	0	0	0	0	0	0	0	0	0	0	1,854	NEW
47	35020 B5	A GOCE	LOMBOK TIMUR	70	0	71,400	53	60	6	85	85	34	34	0	0	0	0	0	0	0	0	0	0	0	45	REH
48	35035 B1	A LINGKOR DUDU	LOMBOK TIMUR	20	2	39,200	24	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	REH
49	35045 B5	A KELOKO UDANG	LOMBOK TIMUR	111	6	113,700	105	111	0	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	128	NEW
		SUB TOTAL		1,060	214	1,324,900	992	1,454	387	227	299	157	307	295	0	0	0	0	0	0	0	0	0	0	0	8,975
50	33006 B1	A TANONG LABUHAN	SUMBAWA	79	0	71,100																				

Pest-Nusa Tenggara Village Irrigation

No	CODE	Area Name	ReGENCY	Gross Paddy Fields Planned	L.D. Area (Ha.)	Civil Work	IRR PADDY PRI01	RAIN, PADDY PRI02	DRY LAND PRI03	PLANTATION GRASS LAND PRI04	FALLOW PRI05	FOREST PRI07	BUSH PRI08	OTHERS PRI09	TOTAL FUI10	WEJR CONVISSION			
54	30653 M	A UBA LABANG	SUMBAWA	89	21	122,400	68	89	0	0	0	0	0	0	0	96	127 REH		
55	30654 M	A UBA LABANG	SUMBAWA	89	21	122,400	68	89	0	0	0	0	0	0	0	96	127 REH		
56	30655 B1	A P.E.L.A.T. SUB TOTAL	SUMBAWA	703	53	765,300	700	982	221	136	70	0	0	0	0	85	95 REH		
		TOTAL		6,011	400	6,555,000	5,880	8,530	3,353	1,362	9,175	8,852	417	13,739	12,557	0	1,061	36,163	
1	36017 B1	B RADE	BIMA	0	0	92,100	100	127	27	0	0	0	0	0	0	0	0	127 REH	
2	36023 B1	B OF KARONI	BIMA	0	0	63,000	60	85	25	0	0	0	0	0	0	0	0	85 REH	
3	36024 B1	B LASUK	BIMA	101	0	59,900	100	144	44	0	0	0	0	0	0	0	0	144 REH	
4	34002 C1	B MENDALA	LOMBOK BARAT	53	0	56,700	70	75	175	0	0	0	0	0	0	0	0	144 REH	
5	34007 C1	B SOLOH (TODD)	LOMBOK BARAT	81	0	82,500	115	115	115	223	362	0	0	0	0	0	0	250 REH	
6	34014 C1	B ANEEL MURI	LOMBOK BARAT	18	0	22,200	25	25	0	0	0	0	0	0	0	0	0	815 REH	
7	34015 C1	B WONTONG BARU	LOMBOK BARAT	18	0	15,300	25	25	0	0	0	0	0	0	0	0	0	25 REH	
8	34017 C1	B BANGKET UBAN	LOMBOK BARAT	36	1	37,300	50	52	0	0	0	0	0	0	0	0	0	52 REH	
9	34018 C1	B TANJUNG BIRU	LOMBOK BARAT	33	0	35,100	50	50	0	0	0	0	0	0	0	0	0	50 REH	
10	34021 C1	B TERESS GENIT	LOMBOK BARAT	33	0	52,500	75	75	0	0	0	0	0	0	0	0	0	75 REH	
11	34023 B1	B BARUNG BIRAK	LOMBOK BARAT	33	28	67,900	10	50	0	0	0	0	0	0	0	0	0	50 NEW	
12	34024 B4	B KELANJURAN	LOMBOK BARAT	70	18	89,400	75	100	0	0	0	0	0	0	0	0	0	75 REH	
13	31004 C1	B GUNUNG WAKUL	LOMBOK TENGAH	220	0	198,000	314	314	0	0	0	0	0	0	0	0	0	160 GOOD	
14	31006 C2	B RUMPAK	LOMBOK TENGAH	53	0	59,700	75	75	755	208	298	0	0	0	0	0	0	2,999	
15	31007 B5	B BATU PUTIK	LOMBOK TENGAH	18	0	9,800	0	25	512	487	1383	0	0	0	0	0	0	1,505	
16	31011 C2	B PURI	LOMBOK TENGAH	0	0	35,000	51	51	295	205	533	0	0	0	0	0	0	2,372	
17	35007 B4	B NYULUR LIO	LOMBOK TIMUR	72	13	84,700	85	103	0	0	84	84	0	0	0	0	0	1,000	
18	35012 B4	B TIBBU BUNTAR	LOMBOK TIMUR	24	10	44,200	20	34	0	0	0	0	0	0	0	0	0	448	
19	35014 B4	B PENGADANGAN	LOMBOK TIMUR	73	7	87,800	95	104	0	0	0	0	0	0	0	0	0	208	
20	35017 B4	B KERONGKONG	LOMBOK TIMUR	28	16	57,700	32	55	0	0	0	0	0	0	0	0	0	114	
21	35021 B4	B ARUNG	LOMBOK TIMUR	82	51	148,100	44	117	0	0	0	0	0	0	0	0	0	58	
22	35023 B6	B BOVARE	LOMBOK TIMUR	153	38	121,400	22	86	0	0	0	0	0	0	0	0	0	161	
23	35029 B6	B GADPA/SANGELIR	LOMBOK TIMUR	169	60	218,480	135	241	0	0	0	0	0	0	0	0	0	120	
24	35030 B1	B MUNDAY	LOMBOK TIMUR	77	5	79,700	95	105	0	0	0	0	0	0	0	0	0	796	
25	35031 C2	B R. UJABAB	LOMBOK TIMUR	54	3	51,300	62	82	0	0	0	0	0	0	0	0	0	871	
26	35032 C2	B SAFTA	LOMBOK TIMUR	7	0	50,400	80	80	0	0	0	0	0	0	0	0	0	212	
27	35034 B5	B KETANGGA	LOMBOK TIMUR	65	36	117,300	42	93	0	0	0	0	0	0	0	0	0	176	
28	35037 B5	B KARONG	LOMBOK TIMUR	67	0	60,200	94	96	2	0	0	0	0	0	0	0	0	218	
29	35045 B5	B SRIJAJATA	LOMBOK TIMUR	92	10	104,200	118	132	0	0	0	0	0	0	0	0	0	205	
30	35046 B1	B LAMPUNGA	SUMBAWA	105	0	94,500	135	150	0	0	0	0	0	0	0	0	0	106	
31	33012 C2	B AL PUNTUK	SUMBAWA	35	0	39,900	50	50	50	30	0	0	0	0	0	0	0	144	
32	33014 B2	B ORONG BATU JANGS/MBAWA	SUMBAWA	25	7	35,200	0	35	25	0	0	0	0	0	0	0	0	156	
33	33017 C1	B ORONG MASIN	SUMBAWA	28	0	43,200	40	40	10	0	0	0	0	0	0	0	0	130	
34	33018 B2	B ORONG SEADANG	SUMBAWA	25	18	60,900	0	50	25	0	0	0	0	0	0	0	0	50	
35	33019 C2	B ORONG TELAGA	SUMBAWA	18	0	50,900	0	50	25	0	0	0	0	0	0	0	0	50	
36	33021 C1	B KEMANG KURING	SUMBAWA	53	0	47,700	25	25	25	0	0	0	0	0	0	0	0	100	
37	33024 C1	B PENYANG	SUMBAWA	70	0	63,000	100	100	0	0	0	0	0	0	0	0	0	120	
38	33030 B1	B ORONG BAKO ATASSUMBAWA	SUMBAWA	39	11	73,400	40	55	0	0	0	0	0	0	0	0	0	75	
39	33031 B1	B ORONG BAKO BAKASSUMBAWA	SUMBAWA	32	0	33,600	0	45	0	0	0	0	0	0	0	0	0	190	
40	33035 B1	B SAREBO	SUMBAWA	140	11	104,200	185	200	0	0	0	0	0	0	0	0	0	55	
41	33042 B1	B SONG TONAN	SUMBAWA	42	23	72,100	25	60	0	0	0	0	0	0	0	0	0	60	
42	33046 B1	B BERING MALLA	SUMBAWA	140	35	171,500	150	200	0	0	0	0	0	0	0	0	0	200	
43	33053 C1	B BAKANTI	SUMBAWA	18	0	40,200	25	25	0	0	0	0	0	0	0	0	0	60	
		TOTAL		2,841	466	3,468,460	3,155	4,049	2,656	4,822	3,815	4,312	4,312	1,174	15,050	0	25	150	
1	33005 C1	B KEMALAE	SUMBAWA	70	0	72,000	100	100	0	0	0	0	0	0	0	0	0	0	100
2	33009 C1	B KEMANG LABAWA	SUMBAWA	56	0	60,600	80	80	0	0	0	0	0	0	0	0	0	80	
3	33016 C1	B LABAWA	SUMBAWA	140	0	132,000	200	200	0	0	0	0	0	0	0	0	0	200	
4	33019 C1	B BERING MALLA REBASUMBAWA	SUMBAWA	49	14	62,300	0	70	50	0	0	0	0	0	0	0	0	100	
5	33026 C1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
6	33028 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
7	33029 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
8	33032 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
9	33033 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
10	33034 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
11	33035 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
12	33036 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
13	33037 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
14	33038 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
15	33039 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
16	33040 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
17	33041 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
18	33042 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
19	33043 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
20	33044 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
21	33045 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
22	33046 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
23	33047 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
24	33048 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
25	33049 B1	B BAKANTI	SUMBAWA	21	0	62,100	90	90	0	0	0	0	0	0	0	0	0	90	
26	33050 B1	B BAKANTI	SUMBAWA	21	0	62,100													



West Nusa Tenggara Village Irrigation

No	CODE	Area Name	Regency	Gross Paddy Fields Planned	L.D. Area (Ha.)	Civil Work	IRR PADDY		RAIN PADDY		DRY LAND		PLANTATION		GRASS LAND		FALLOW		FOREST		BUSH		OTHERS		TOTAL	REMARKS			
							REC	1000Rp	PRI01	FU101	PRI02	FU102	PRI03	FU103	PRI04	FU104	PRI05	FU105	PRI06	FU106	PRI07	FU107	PRI08	FU108			PRI09	FU109	PRI10
18	36008 C1	C LAPA PAA	BINA	70	0	59,000	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	101 REK				
19	36007 C1	C LERE	BINA	83	0	94,200	125	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	121 REK				
20	36010 C1	C SAPE	BINA	133	0	137,200	223	223	223	223	0	0	0	0	0	0	0	0	0	0	0	0	0	450	450 REK				
21	36011 C1	C DADI	BINA	140	0	138,600	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200 REK				
22	36012 C1	C UNAKERA	BINA	109	0	110,100	155	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	155 REK				
23	36013 C1	C OT ROKO	BINA	11	0	27,900	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15 REK				
24	36015 C1	C RABA JATI	BINA	42	0	49,800	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60 REK				
25	36020 C1	C DAM MBODA II	BINA	77	0	84,300	110	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	110 REK				
26	36023 C1	C MOE	BINA	137	0	141,300	196	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	196	196 REK				
27	36027 C1	C NSE	BINA	105	0	108,300	150	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	150 REK				
28	36029 C1	C MANGGE/NGGANE-NBINA	BINA	81	0	81,900	118	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118	118 REK				
29	36031 C1	C DAM NDOLO	BINA	35	0	40,500	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50 REK				
30	32017 C1	C NCANGA	DOMPU	35	0	36,300	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128	128 REK				
31	32005 C1	C LORE/SEITLO FOOOROPU	DOMPU	35	0	36,300	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	75 REK				
32	32016 C1	C LANGGOU	DOMPU	34	0	33,000	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164	164 REK				
33	34011 C3	C JONTLAK	LOMBON BARAT	2,225	54	2,370,300	3,047	3,172	275	225	472	397	40	40	0	0	0	0	0	0	0	0	0	729	729 REK				
Total							11,077	920	12,397,750	12,083	15,750	5,723	3,349	13,462	12,463	2,542	2,520	213	148	417	417	18,779	18,638	0	0	2,557	2,550	55,725	55,775
Average							81	26	50,435																				



