

VII IRRIGATION DEVELOPMENT PLAN

VII IRRIGATION DEVELOPMENT PLAN

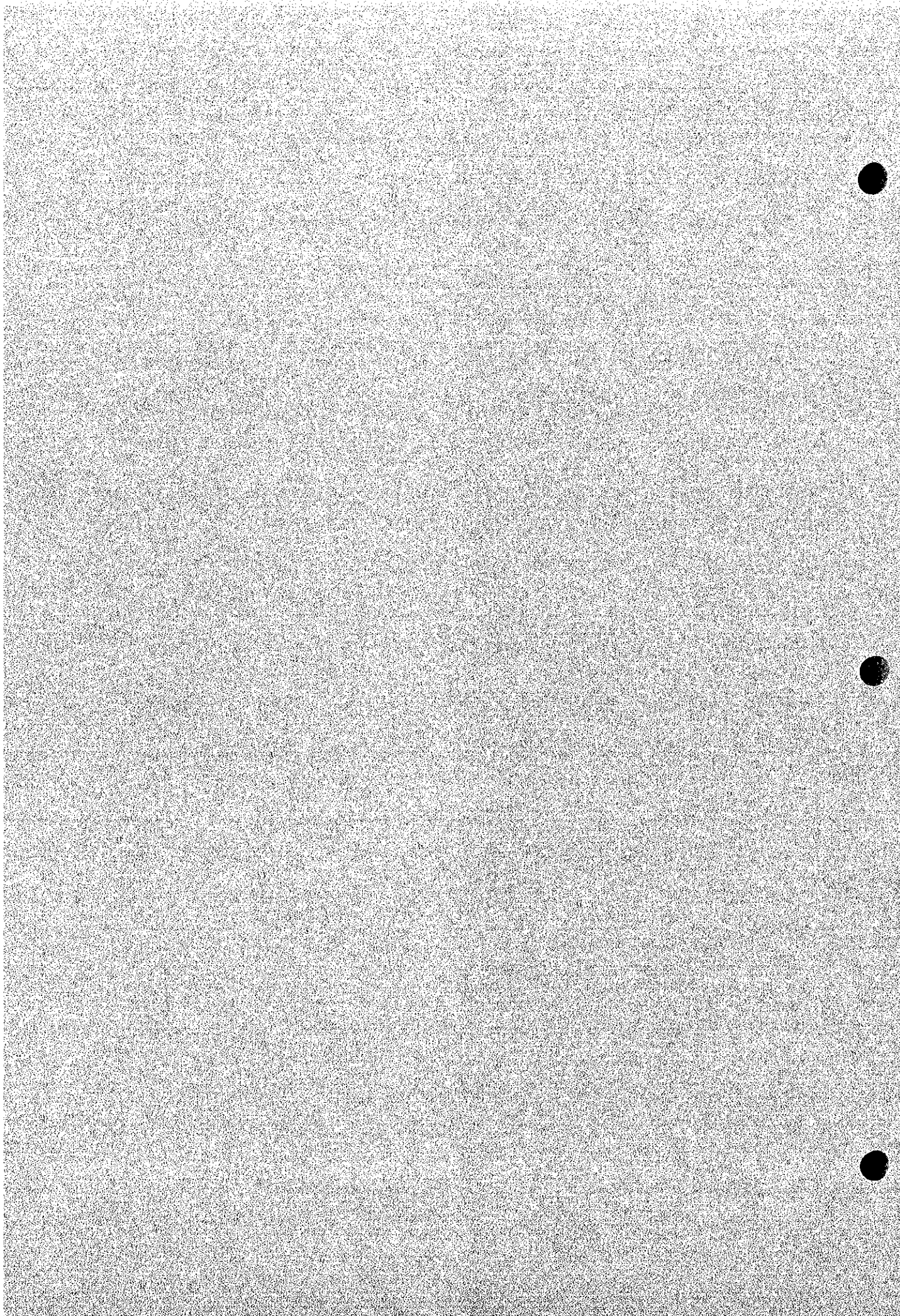


Table VII.1.1 (1/5) AVERAGE PRODUCTIVITY OF AGRICULTURAL COMMODITIES BY DISTRICTS

1). 50 Kota in West Sumatra Province (unit : ton/ha)

Commodities	Sub-Districts										Average
	Suliki Gh Mas	Pkl. Kt. Baru	Kapur IX	Guguk	P. Kumbuh	Luhak	Harau	Average			
1. Wet Rice	5.24	4.60	5.02	5.21	5.34	5.32	5.14	5.12			
2. Upland Rice	3.10	3.00	3.00	-	-	-	3.00	3.03			
3. Maize	3.40	3.17	4.03	3.80	3.87	3.65	3.50	3.63			
4. Soybeans	1.97	1.40	2.00	1.93	1.93	1.94	1.96	1.88			
5. Ground Nuts	2.10	1.92	1.88	2.13	2.21	2.19	2.10	2.08			
6. Cassava	32.50	30.00	30.00	32.00	32.50	33.00	32.00	31.58			
7. Sweet Potato	27.00	26.50	27.00	27.00	27.00	26.49	27.00	26.83			
8. Tomato	8.00	-	-	-	7.94	7.98	8.00	7.98			
9. Shallot	3.76	-	-	-	-	-	-	3.76			

Data Sources : Agricultural Services for Food crops, 50 Kota District (1992)

2). Agam District in West Sumatra Province (unit : ton/ha)

Commodities	Sub-Districts										Average
	Baso	IV Akt. Gading	Tlt. Kamang	Bnh. S. Pudar	IV. Koto	Matur	Pl. Bayan	Tj. Raya	Lbk. Ps.	Tj. Mtr	
1. Wet Rice	4.80	4.60	5.45	4.33	4.25	5.24	5.03	4.69	4.62	4.09	4.56
2. Upland Rice	-	-	-	-	-	-	1.88	-	-	-	2.00
3. Maize	2.34	2.24	2.34	2.34	2.34	2.34	2.34	2.33	2.34	2.33	2.33
4. Soybeans	-	-	1.17	-	1.20	1.00	1.10	1.10	1.10	1.10	1.11
5. Ground Nuts	2.30	2.30	2.30	2.31	2.30	2.30	2.30	2.30	2.30	2.29	2.30
6. Green Peas	-	-	-	-	-	-	1.03	-	1.30	1.31	1.24
7. Cassava	20.73	20.71	20.70	20.73	20.70	20.69	20.70	-	0.70	-	18.21
8. Sweet Potato	26.93	28.50	28.50	28.50	28.52	28.51	28.50	-	-	-	28.28
9. Cabbage	-	8.82	-	8.79	-	-	-	-	-	-	8.81
10. Chili Pepper	1.45	5.18	5.40	6.18	1.71	5.69	5.18	5.41	2.37	7.45	4.31
11. Tomato	6.17	17.50	17.51	16.44	17.50	17.50	17.52	-	-	-	15.73
12. Egg Plant	-	24.00	19.25	17.52	3.22	19.00	18.56	-	-	-	16.93
13. Cucumber	-	9.00	-	9.00	9.00	9.00	9.00	-	-	-	9.00
14. Shallot	0.50	4.42	-	4.42	4.14	-	-	-	-	-	3.37
15. Garlic	4.88	4.95	-	-	-	-	-	-	-	-	4.92
16. Potato	-	7.50	-	8.40	6.65	16.92	-	-	-	-	9.87

Data sources : Agricultural Services for Food Crops, Agam District (1993)

Table VII.1.1 (2/5) AVERAGE PRODUCTIVITY OF AGRICULTURAL COMMODITIES BY DISTRICTS

3). Tanah Datar District and 4). Sijunjung District in West Sumatra Province

(unit : ton/ha)

Commodities	Sub-Districts	
	Tanah Datar Average	Sijunjung Average
1. Wet Rice	7.74	4.42
2. Upland Rice	2.38	2.38
3. Maize	2.29	2.24
4. Soybeans	1.24	1.01
5. Ground Nuts	2.51	1.11
6. Green Peas	0.92	1.22
7. Cassava	12.11	12.08
8. Sweet Potato	11.54	5.85
9. Cow Peas	-	2.00
10. Chilli Pepper	3.43	2.78
11. Tomato	8.34	-
12. Egg Plant	-	-
13. Cucumber	-	2.30
14. Shallot	4.71	-
15. Garlic	4.38	-

Data Source : Tanah Datar District-Agricultural Services for Food Crops of Tanah Datar District (1992)
Sijunjung District-Statistics Office of West Sumatra Province, West Sumatra in Figures (1992)

Table VII.1.1 (3/5) AVERAGE PRODUCTIVITY OF AGRICULTURAL COMMODITIES BY DISTRICTS

5). Solok District in West Sumatra Province (unit : ton/ha)

Commodities	Sub-Districts										Average
	Koto Diatas	Koto Singkarak	Kubung	Koto Seilasi	Bukit Sundi	Lb. Jaya	Py.Skk	Gn. Ting			
1. Wet Rice	4.76	5.83	5.13	4.38	5.18	4.67	4.84	4.58	4.92		
2. Upland Rice	2.00	-	-	-	-	-	2.04	-	2.02		
3. Maize	2.62	2.80	2.64	2.74	2.80	2.65	2.76	2.80	2.73		
4. Soybeans	1.73	1.77	1.78	1.55	1.77	1.71	1.77	1.93	1.75		
5. Ground Nuts	1.81	1.82	1.85	1.79	1.81	1.80	1.77	1.82	1.81		
6. Green Peas	0.99	0.92	0.93	0.91	0.90	0.93	0.91	0.98	0.93		
7. Cassava	20.40	20.43	19.97	20.34	20.46	23.62	20.21	20.35	20.72		
8. Sweet Potato	10.42	10.45	10.07	-	10.38	10.24	10.35	10.53	10.35		
9. Cabbage	-	-	-	-	-	37.29	-	37.29	37.29		
10. Chili Pepper	3.24	3.37	3.30	3.24	3.24	3.31	3.20	3.32	3.28		
11. Tomato	5.00	5.22	6.13	6.03	6.06	5.14	5.28	5.21	5.51		
12. Egg Plant	2.50	3.20	2.53	2.00	2.17	3.00	3.16	2.16	2.59		
13. Cucumber	15.30	20.96	28.79	5.80	15.30	27.25	-	38.25	21.66		
14. Shallot	-	8.61	8.50	-	8.43	8.54	8.42	8.59	8.52		
15. Garlic	-	-	-	-	-	6.76	-	6.67	6.72		
16. Potato	-	-	-	-	-	16.50	-	16.50	16.50		

Data sources : Agricultural Services for Food Crops, Solok District (1993)

Table VII.1.1 (4/5) AVERAGE PRODUCTIVITY OF AGRICULTURAL COMMODITIES BY DISTRICTS

6. Kampar District in Riau Province (unit : ton/ha)

Commodities	Sub-Districts										Avg
	Kampar Kiri	XIII Kt.Kpr	Bangkinang	Siak Hulu	Langgam	Kampar	Pangkuras	Bunut	Kl.Kps		
1. Wet Rice	3.81	4.82	5.83	3.09	2.04	3.93	-	3.09	3.64	3.78	
2. Upland Rice	1.92	1.66	3.16	2.16	1.19	2.39	1.98	2.32	1.56	2.04	
3. Maize	2.24	1.66	3.47	1.70	2.80	1.86	1.97	2.27	2.21	2.24	
4. Soybeans	1.47	-	1.46	1.16	0.82	1.25	0.91	0.54	1.22	1.10	
5. Ground Nuts	1.17	0.89	0.82	0.73	1.36	0.95	0.95	1.23	-	1.01	
6. Green Peas	1.62	0.88	0.83	1.67	0.86	1.13	0.72	1.57	-	1.16	
7. Cassava	17.70	18.53	16.32	-	10.00	7.59	17.09	26.74	9.98	15.49	
8. Sweet Potato	5.30	11.94	11.55	7.88	10.87	8.78	18.25	8.89	8.66	10.24	

Data sources : Agricultural Services for Food Crops, Kampar District (1993)

7. Indragiri Hulu District in Riau Province (unit : ton/ha)

Commodities	Sub-Districts										Avg
	Rengat	Siberida	Pasir Penyu	Peranap	Cerenti	K. Hulu	K.Tngh	K.Mudik	Singingi		
1. Wet Rice	3.52	3.75	3.64	3.49	4.28	4.65	5.10	4.33	3.33	4.01	
2. Upland Rice	1.57	2.26	2.02	2.54	2.08	2.53	2.70	2.02	2.87	2.29	
3. Maize	2.36	2.24	2.54	2.11	2.58	2.76	2.32	2.60	2.91	2.49	
4. Soybeans	1.14	1.15	1.05	0.82	1.02	1.22	1.08	-	1.04	1.07	
5. Ground Nuts	0.76	0.97	1.14	1.13	0.92	1.15	1.16	1.14	1.02	1.04	
6. Green Peas	0.88	1.07	0.94	0.73	0.85	0.90	1.10	0.99	1.07	0.95	
7. Cassava	12.77	17.22	13.58	10.07	11.39	18.94	13.91	13.21	18.06	14.35	
8. Sweet Potato	5.87	10.86	9.30	8.18	8.61	7.09	8.52	6.13	9.99	8.28	
9. Cow Peas	2.56	2.76	2.25	2.56	2.33	2.26	2.25	2.37	2.32	2.41	
10. Chili Pepper	1.99	1.99	2.03	1.84	2.06	2.03	1.88	2.25	1.95	2.00	
11. Tomato	-	-	-	-	15.25	13.48	-	-	-	14.37	
12. Egg Plant	14.75	14.05	12.75	14.05	19.37	13.66	14.63	15.11	14.79	14.80	
13. Cucumber	14.88	13.26	15.02	15.57	14.82	15.03	14.50	16.30	15.84	15.02	

Data Sources : Agricultural Services for Food crops, Indragiri Hulu District (1993)

Table VII.1.1 (5/5) AVERAGE PRODUCTIVITY OF AGRICULTURAL COMMODITIES BY DISTRICTS

8). Indragiri Hilir District in Riau Province (unit : ton/ha)

Commodities	Sub-Districts										Average	
	Renteh	Enok	Kuindra	Tembilahan	Tempuling	GA Serka	Mandah	Kateman	Keritang	Tn.Mr		Bt.Tuaka
1. Wet Rice	4.41	4.09	3.47	4.21	3.87	3.69	2.29	3.27	4.43	3.12	3.76	3.69
2. Upland Rice	-	-	-	-	-	-	-	-	-	-	-	2.34
3. Maize	1.37	1.25	1.07	1.26	1.32	1.11	1.03	1.24	1.23	1.13	1.11	1.19
4. Soybeans	2.00	1.20	1.20	1.05	1.34	-	-	1.39	1.39	-	-	1.37
5. Ground Nuts	1.20	1.10	1.00	1.10	1.23	-	-	-	1.25	-	-	1.15
6. Green Peas	1.24	1.08	1.00	1.02	1.14	-	-	-	1.22	-	0.97	1.10
7. Cassava	14.34	13.39	12.02	13.23	14.47	12.96	11.94	13.58	19.44	11.40	10.57	13.39
8. Sweet Potato	7.02	7.53	6.55	6.52	8.18	6.28	7.49	-	7.75	-	5.98	7.03

Data sources : Agricultural Services for Food Crops, Indragiri Hilir District (1992)

Table VII.1.2 (1/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

A. Kampar Basin (1/1)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
1. Air Sarasah	S.		Weir	60	60	0	0	0	0	60		
2. Bandar Panjang	T.		Weir	994	994	0	0	0	0	994		
3. Bandar Seberang	S.		F. Intake	85	85	0	0	0	0	85		
4. Padang Langang	S.		F. Intake	165	165	0	0	0	0	165		
5. Bandar Aur Duri	S.T.		Weir	220	220	0	0	0	0	220		
6. Bandar Ngarai	S.T.		Weir	60	60	0	0	0	0	60		
7. Kulangan II	S.		Weir	120	0	0	120	0	0	0		
8. Jln. Balung	S.		Weir	50	0	0	0	50	50	50		
9. Bandar Ranah	S.		Weir	57	57	0	0	0	0	57		
10. Lubuk Tabuan	S.T.		Weir	254	91	0	0	163	163	254		
11. Sungai Sirah	S.		F. Intake	100	10	0	90	0	0	10		
12. Bendungan A. Tabek	S.		Weir	50	50	0	0	0	0	50		
13. Bendungan S. Bulan	S.		Weir	50	50	0	0	0	0	50		
14. Empang Lubuk Napa	S.		F. Intake	42	30	0	0	12	12	42		
15. Empang S. Ludai	S.		Weir	82	55	0	0	27	27	82		
16. Sungai Gemuruh	S.T.		Weir	200	200	0	0	0	0	200		
17. Tadah Air Sarasah	S.		F. Intake	65	0	65	0	0	65	65		
18. Cinta Maju	S.T.		Weir	77	77	0	0	0	0	77		
19. Ampang Gadang	S.T.		Weir	350	223	127	0	0	127	350		
20. Bendungan S. Baik	S.		Weir	50	50	0	0	0	0	50		
21. Bukit Rimbo Putus	S.		Weir	50	15	35	0	0	35	50		
22. Sei Abu	S.		Weir	107	10	0	0	97	97	107		
Total for Kampar Basin				3,288	2,502	227	210	349	576	3,078		

Note All schemes belong to Kab. 50 Kota.

S. : Simple Irrigation System

S.T. : Semi-technical Irrigation System

T. : Technical Irrigation System

F. Intake : Free Intake

Table VII.1.2 (2/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (1/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Irrigated (B)	Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
						Not Irrigated yet (Rainfed) (C)	Irrigated (D)						
1. Batang Lampasi	T.		Weir	2,180	2,180	0	0	0	0	0	2,180		
2. Bandar Ngatau	S.		Weir	105	70	35	0	0	0	35	105		
3. Batan Agam	S.T.		Weir	633	633	0	0	0	0	0	633		
4. Batang Talawi	S.T.		Weir	200	200	0	0	0	0	0	200		
5. Bandar Gadang	S.		Weir	184	103	81	0	0	0	81	184		
6. Bandar Sarik	S.		F. Intake	62	62	0	0	0	0	0	62		
7. Bandar Atas Rao	S.		Weir	35	35	0	0	0	0	0	35		
8. Tith Anepera	S.T.		Weir	825	825	0	0	0	0	0	825		
9. Empang Luak Napa	S.		F. Intake	70	30	40	0	0	0	40	70		
10. Bandar Sialang	S.		Weir	65	65	0	0	0	0	0	65		
11. Waduk Pulau	S.		Reserv.	34	34	0	0	0	0	0	34		
12. Bandar Sawah Liek	S.		F. Intake	35	35	0	0	0	0	0	35		
13. Empang Bramban	S.T.		Weir	185	185	0	0	0	0	0	185		
14. Empang Pematang	S.		F. Intake	78	78	0	0	0	0	0	78		
15. Bandar Sugiran	S.		Weir	50	50	0	0	0	0	0	50		
16. Bendung Beringin	S.T.		Weir	40	40	0	0	0	0	0	40		
17. Bukit Rambik	S.		Weir	57	57	0	0	0	0	0	57		
18. Empang Penarahan	S.		Weir	50	50	0	0	0	0	0	50		
19. Batu Perempat	S.		Weir	146	146	0	0	0	0	0	146		
20. Bukit S. Bubur	S.		Weir	139	139	0	0	0	0	0	139		
21. Empang Air Hangat	S.		F. Intake	10	10	0	0	0	0	0	10		
22. Bandar Balik Datar	S.		Weir	80	67	13	0	0	0	13	80		
23. Bend. S. Talang	S.		Weir	35	35	0	0	0	0	0	35		
24. Bandar Bungkuh	S.		Weir	75	75	0	0	0	0	0	75		
25. Namang I	S.T.		Weir	75	75	0	0	0	0	0	75		
Total : Kab. 50 Kola (1/3)				5,448	5,279	169	0	0	0	169	5,448		

Note

- S. : Simple Irrigation System
- S.T. : Semi-technical Irrigation System
- T. : Technical Irrigation System
- F. Intake : Free Intake
- Reserv. : Reservoir

Table VII.1.2 (3/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (2/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
26. Namang II	S.	Weir	Weir	80	80	0	0	0	0	80		
27. Emp. N. Simalangan	S.	Weir	Weir	75	75	0	0	0	0	75		
28. Batang Galogah	S.T.	Weir	Weir	77	77	0	0	0	0	77		
29. Batang Kapohan	S.	Weir	Weir	323	323	0	0	0	0	323		
30. Bandar Koto Tuo	S.	F. Intake	F. Intake	123	123	0	0	0	0	123		
31. Batang Sikun I	S.	Weir	Weir	13	13	0	0	0	0	13		
32. Batang Sikun II	S.	Weir	Weir	98	98	0	0	0	0	98		
33. Air Batapuk	S.	Weir	Weir	73	73	0	0	0	0	73		
34. Bd. Ujung Tanjung	S.	Weir	Weir	63	63	0	0	0	0	63		
35. Bd. Pinang Barrik	S.T.	Weir	Weir	60	60	0	0	0	0	60		
36. Bd. Sungai Taliang	S.	Weir	Weir	71	71	0	0	0	0	71		
37. Tabek Muaro	S.	Weir	Weir	156	62	94	0	0	94	156		
38. Lubuk Simato	S.T.	Weir	Weir	116	116	0	0	0	0	116		
39. Tanjung Bataut	S.T.	Weir	Weir	235	235	0	0	0	0	235		
40. Batang Liku	S.T.	Weir	Weir	220	220	0	0	0	0	220		
41. B. Gosan/ Gog	S.	Weir	Weir	41	41	0	0	0	0	41		
42. Bandar Pandam	S.	Weir	Weir	39	39	0	0	0	0	39		
43. Bd. Sungai Muruh	S.T.	Weir	Weir	57	57	0	0	0	0	57		
44. Luak Begak	S.	Weir	Weir	134	134	0	0	0	0	134		
45. Bandar Pasir	S.	Weir	Weir	130	130	0	0	0	0	130		
46. Ujung Bukit	S.	Pump	Pump	200	200	0	0	0	0	200		
47. Air Burai	S.T.	Weir	Weir	107	107	0	0	0	0	107		
48. Empang Kampai	S.	Weir	Weir	98	98	0	0	0	0	98		
49. Batang Mungo	S.T.	Weir	Weir	987	987	0	0	0	0	987		
50. Sei Taliang	S.	Weir	Weir	129	129	0	0	0	0	129		
Total : Kab. 50 Kota (2/3)				3,705	3,611	94	0	0	94	3,705		

Note S. : Simple Irrigation System
 S.T. : Semi-technical Irrigation System
 F. Intake : Free Intake

Table VII.1.2 (4/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
51. Bd. Lubuk Batu	S.		Weir	218	218	0	0	0	0	218		
52. Batang Saripan	S.T.		Weir	325	325	0	0	0	0	325		
53. Batang Berdarah	S.		Weir	200	75	125	0	0	125	200		
54. Bandar Tadah	S.		Weir	82	82	0	0	0	0	82		
55. Batang Lakin	S.		-	155	155	0	0	0	0	155		
56. Bd. Datuk Gantang	S.		Weir	180	180	0	0	0	0	180		
57. Lurah Bukit	S.		Weir	185	185	0	0	0	0	185		
58. Bandar Kolin	S.		-	64	64	0	0	0	0	64		
59. Bandar Kaludan	S.		Weir	156	156	0	0	0	0	156		
60. Bandar Gadang	S.		Weir	200	200	0	0	0	0	200		
61. Batang Pinago	S.		Weir	106	106	0	0	0	0	106		
62. Bt. Balik Sarik	S.T.		Weir	350	350	0	0	0	0	350		
63. Batang Coran	S.T.		Weir	223	223	0	0	0	0	223		
64. Sungai Dareh	S.T.		Weir	512	267	0	245	0	0	267		
65. Bulakan	S.T.		Weir	390	390	0	0	0	0	390		
66. Batang Tabit	S.T.		-	750	750	0	0	0	0	750		
67. Padang Rukam	S.		Weir	124	100	24	0	0	24	124		
68. Bd. Kapau Kincong	S.		Reserv.	77	52	25	0	0	25	77		
69. Bandar Rogeh	S.		Weir	50	50	0	0	0	0	50		
Total : Kab. 50 Kota (3/3)				4,347	3,928	174	245	0	174	4,102		
Total : Kab. 50 Kota				13,500	12,818	437	245	0	437	13,255		

Note S. : Simple Irrigation System
S.T. : Semi-technical Irrigation System
Reserv. : Reservoir

Table VII.1.2 (5/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (4/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not irrigated yet (Rainfed) (C)						
70. Irigasi Gunung Laweh	S.T.		Weir	53	53	0	0	0	0	53		
71. Irigasi B. Tapi	S.T.		Weir	284	284	0	0	0	0	284		
72. Tangah	S.T.		Weir	137	137	0	0	0	0	137		
73. Tampunik	S.T.		Weir	64	64	0	0	0	0	64		
74. Irigasi Tigo Lurah	S.T.		Weir	200	200	0	0	0	0	200		
75. Irigasi Tigi April	S.T.		Weir	200	200	0	0	0	0	200		
76. Irigasi Aur	S.T.		Weir	113	113	0	0	0	0	113		
77. Irigasi Jemat. Besi	S.T.		Weir	122	122	0	0	0	0	122		
78. Irigasi Parak Laweh	S.T.		Weir	231	231	0	0	0	0	231		
79. Irigasi Ambacang	S.T.		Weir	284	284	0	0	0	0	284		
80. Kambang Tujuh	S.T.		Weir	50	50	0	0	0	0	50		
81. Batu Kabau	S.T.		Reserv.	141	141	0	0	0	0	141		
82. Irigasi Katik	S.T.		Weir	150	150	0	0	0	0	150		
83. Irigasi Tabek Tarok	S.T.		Reserv.	150	150	0	0	0	0	150		
84. Irigasi Sidangkong	S.T.		Weir	150	150	0	0	0	0	150		
85. Irigasi Niur	S.T.		Weir	50	50	0	0	0	0	50		
86. Irigasi Siliuk	S.T.		Reserv.	59	59	0	0	0	0	59		
87. Korong Parijang	S.T.		Reserv.	67	67	0	0	0	0	67		
88. Irigasi Batu Kasik	S.T.		Weir	75	75	0	0	0	0	75		
89. Ljung Guguk	S.T.		Weir	144	144	0	0	0	0	144		
90. Irigasi Baruh Salo	S.T.		Weir	60	60	0	0	0	0	60		
91. Irigasi DT. Kodoh	S.T.		Weir	50	50	0	0	0	0	50		
92. Irigasi Bebeh	S.T.		Weir	75	75	0	0	0	0	75		
93. Irigasi Hilalang	S.		Reserv.	153	153	0	0	0	0	153		
94. Kubu Bandar	S.		Weir	675	675	0	0	0	0	675		
95. Batu Hampar	S.T.		Weir	100	98	0	2	0	0	98		
96. Irigasi Tabek Sariak	S.T.		Reserv.	189	189	0	0	0	0	189		
97. Irigasi Rakik	S.T.		Weir	150	146	0	4	0	0	146		
98. Irigasi Curing-curing	S.T.		Weir	40	40	0	0	0	0	40		
99. Irigasi Jarungan	S.T.		Weir	75	75	0	0	0	0	75		
100. Irigasi Tiagan	S.T.		F. Intake	100	100	0	0	0	0	100		
Total : Kab. Agam				4,391	4,385	0	6	0	0	4,385		

Note S. : Simple irrigation System
 S.T. : Semi-technical Irrigation System
 F. Intake : Free Intake
 Reserv. : Reservoir

Table VII.1.2 (8/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (5/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
101. Bandar Tagak	S.			60	60	0	0	0	0	60		
102. B. Nan G. Tj. Bonai	S.	Weir		175	175	0	0	0	0	175		
103. Bandar Sipulut	S.	F. Intake		70	70	0	0	0	0	70		
104. B. Gadang Patar	S.	Weir		66	66	0	0	0	0	66		
105. B. Janjang Kambang	S.	F. Intake		43	43	0	0	0	0	43		
106. Bandar Kabun	S.	F. Intake		63	63	0	0	0	0	63		
107. Bandar Ujung Sago	S.	F. Intake		79	79	0	0	0	0	79		
108. Bandar Kuok	S.T.	F. Intake		43	43	0	0	0	0	43		
109. Bandar Katumpang	S.T.	F. Intake		43	43	0	0	0	0	43		
110. Bandar Aur Duri	S.	F. Intake		32	32	0	0	0	0	32		
111. Bandar Air Tabit	S.	F. Intake		58	58	0	0	0	0	58		
112. Bandar Baru Lintau	S.	F. Intake		17	17	0	0	0	0	17		
113. Bandar Liang Ular	S.T.	Weir		216	216	0	0	0	0	216		
114. Bandar Bobah	S.	F. Intake		42	42	0	0	0	0	42		
115. Bd. Limau Sundal	S.	F. Intake		30	30	0	0	0	0	30		
116. Peng. BT. Sangki I	S.T.	Weir		449	449	0	0	0	0	449		
117. Peng. BT. Sangki II	S.T.	Weir		423	66	107	250	357	357	423		
118. Bandar Sitagar	S.	F. Intake		51	51	0	0	0	0	51		
119. Peng. BT. Mangus	S.	Weir		78	78	0	0	0	0	78		
120. Bd. Gaiung Panjang	S.	F. Intake		14	14	0	0	0	0	14		
121. Bandar Pakarak	S.	Weir		40	40	0	0	0	0	40		
122. B. VII B. Pagaruyun	S.T.	Weir		110	110	0	0	0	0	110		
123. Peng. Batang Selo	S.T.	Weir		705	705	0	0	0	0	705		
124. Peng. P. Ganting	S.T.	Weir		434	434	0	0	0	0	434		
125. Bd. Limau K. Alias	S.	Weir		33	33	0	0	0	0	33		
Total: Kab. T. Datar (1/4)				3,374	3,017	107	250	357	357	3,374		

Note

S. : Simple Irrigation System

S.T. : Semi-technical Irrigation System

F. Intake : Free Intake

Table VII.1.2 (7/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (6/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
126. B. Limau K. Tengah	S.		Weir	29	29	0	0	0	0	29		
127. B. Limau K. Bawah	S.		F. Intake	28	28	0	0	0	0	28		
128. Peng. Sungai Emas	S.T.		Weir	115	115	0	0	0	0	115		
129. Bandar Malinal	S.		Weir	36	36	0	0	0	0	36		
130. Bandar Pandan	S.		Weir	84	84	0	0	0	0	84		
131. Bandar Dalam Koto	S.		Weir	58	58	0	0	0	0	58		
132. Bandar Datar Atas	S.		Weir	30	30	0	0	0	0	30		
133. Bandar Ekor Koto	S.		Weir	150	150	0	0	0	0	150		
134. Bd. Nan G. Tj. Alam	S.		Weir	44	44	0	0	0	0	44		
135. Bd. Patal Tj. Alam	S.		Weir	47	47	0	0	0	0	47		
136. Bandar Capo	S.		Weir	18	18	0	0	0	0	18		
137. Bd. P. VII Situmbuk	S.		Weir	85	85	0	0	0	0	85		
138. Bd. Limau Manis	S.		F. Intake	25	25	0	0	0	0	25		
139. Bandar Gurun	S.		F. Intake	108	108	0	0	0	0	108		
140. Bandar Bujakan	S.T.		F. Intake	215	215	0	0	0	0	215		
141. Bandar Kampai	S.		Weir	18	18	0	0	0	0	18		
142. Bd. Patal S. Tarab	S.		Weir	78	78	0	0	0	0	78		
143. Badar Koto	S.		Weir	42	42	0	0	0	0	42		
144. Bd. Gad. Tanggah	S.		Weir	78	78	0	0	0	0	78		
145. Bd. Tanggah Gurun	S.		F. Intake	92	92	0	0	0	0	92		
146. Bd. Panjan Gurun	S.		Weir	80	80	0	0	0	0	80		
147. Bandar Rayo	S.		Weir	85	85	0	0	0	0	85		
148. B. Kubang S. Tarab	S.		Weir	70	70	0	0	0	0	70		
149. B. Baru Sungayang	S.		Weir	290	290	0	0	0	0	290		
150. Bandar Kasiak	S.		Weir	45	45	0	0	0	0	45		
Total : Kab. T. Datar (2/4)				1,950	1,950	0	0	0	0	1,950		

Note
 S. : Simple Irrigation System
 S.T. : Semi-technical Irrigation System
 F. Intake : Free Intake

Table VII.1.2 (8/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (7/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Calculation Area	Ongoing Scheme (Budget)
					Not Irrigated yet (Rainfed) (C)	Irrigated (B)						
151. Bandar Simpang	S		Weir	150	150	0	0	0	0	150		
152. Bandar Siambang	S		Weir	41	41	0	0	0	0	41		
153. Bandar Badinah	S		-	88	88	0	0	0	0	88		
154. Bandar Minang	S		Weir	300	300	0	0	0	0	300		
155. Bd. Gadang Gurun	S		F. Intake	79	79	0	0	0	0	79		
156. Bd. G. Sei Jambu	S		Weir	133	133	0	0	0	0	133		
157. Bd. K. Sei Jambu	S		F. Intake	168	168	0	0	0	0	168		
158. Bandar Padariah	S		F. Intake	115	115	0	0	0	0	115		
159. Bandar Baringin	S		Weir	99	99	0	0	0	0	99		
160. Bandar Nan Tujuh	S		F. Intake	100	100	0	0	0	0	100		
161. Bandar Balai Luar	S		Weir	145	145	0	0	0	0	145		
162. Bandar Painban	S		Weir	61	61	0	0	0	0	61		
163. Bd. Sawah Batur	S		F. Intake	106	106	0	0	0	0	106		
164. Bd. Pincuran Tujuh	S.T.		Weir	525	525	0	0	0	0	525		
165. Bd. Gelogandang	S.T.		Weir	1,112	758	87	287	0	354	1,112		
166. Bd. Titi Gadang	S		Weir	187	187	0	0	0	0	187		
167. Bandar Kinawai	S.T.		Weir	285	285	0	0	0	0	285		
168. Bd. Sawah Pinang	S		F. Intake	103	103	0	0	0	0	103		
169. Bd. Sawah Tabing	S.T.		Weir	68	68	0	0	0	0	68		
170. Bd. Sawah Nunang	S		Weir*	108	108	0	0	0	0	108		
171. Bandar Suh Jauh	S		F. Intake	124	124	0	0	0	0	124		
172. Bandar Sisau	S		F. Intake	179	179	0	0	0	0	179		
173. Bandar Sawah Bodi	S		F. Intake	86	86	0	0	0	0	86		
174. Bd. Kayu Tanduk	S		F. Intake	154	154	0	0	0	0	154		
175. Bandar Lalo	S		F. Intake	60	60	0	0	0	0	60		
Total : Kab. T. Datar (3/4)				4,578	4,222	87	287	2	354	4,576		

Note

S. : Simple Irrigation System

S.T. : Semi-technical Irrigation System

F. Intake : Free Intake

Weir* : Weir + Free Intake

Table VII.1.2 (9/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
176. Bd. Gadang Darek	S.		Weir	138	138	0	0	0	0	138		
177. Bd. Bulaan Gadang	S.		Weir	88	86	0	2	0	0	86		
178. B. Gad. Paninjauan	S.		Weir*	352	347	0	5	0	0	347		
179. Bd. Sawah Bukur	S.		F. Intake	44	44	0	0	0	0	44		
180. Bd. Solok Betung	S.		F. Intake	36	36	0	0	0	0	36		
181. Bandar Rupik	S.		Weir	42	42	0	0	0	0	42		
182. Bd. BT. L. Kambing	S.		Weir	298	298	0	0	0	0	298		
183. Peng. Lolo Tuhr	S.T.		Weir	121	12	0	0	109	109	121		
184. B. Jambu/Kubu Dun	S.		Weir	126	126	0	0	0	0	126		
185. Bd. Batah Dalam	S.		F. Intake	140	140	0	0	0	0	140		
186. Bandar Sialing	S.			34	34	0	0	0	0	34		
187. Bd. Lubuk Janggan	S.		Weir	100	99	0	1	0	0	99		
188. Bd. Jambu Kaling	S.		Weir	5	5	0	0	0	0	5		
189. Bandar Muka Air	S.		Weir	44	44	0	0	0	0	44		
190. Bd. Batang Sumpur	S.		F. Intake	48	48	0	0	0	0	48		
191. Bd. Baru Batipuh	S.		Weir	73	73	0	0	0	0	73		
192. B. Sabu/Jawi Badur	S.		Weir*	275	275	0	0	0	0	275		
193. Bd. Pinang/Balai	S.		Weir	241	237	0	4	0	0	237		
194. Bd. Batang Parika	S.		Weir	339	332	0	7	0	0	332		
195. Bd. Batang Gadis	S.		Weir	221	220	0	1	0	0	220		
196. B. Lolo T. Batanang	S.		Weir	213	213	0	0	0	0	213		
197. Bandar Kubu Jirek	S.		Weir*	185	180	0	5	0	0	180		
198. Bd. P. Batu Basa	S.		Weir*	160	160	0	0	0	0	160		
199. Bd. Batang Sukam	S.		Weir	140	140	0	0	0	0	140		
200. Bandar Lubuk	S.		F. Intake	57	57	0	0	0	0	57		
201. Bd. Gulang-Gulang	S.		Weir	70	70	0	0	0	0	70		
202. Bandar Panti	S.		Weir	49	48	0	0	0	0	49		
Total : Kab. T. Datar (4/4)				3,639	3,505	0	25	109	109	3,614		
Total : Kab. T. Datar				13,541	12,694	194	27	626	820	13,514		

Note
 S. : Simple Irrigation System
 S.T. : Semi-technical Irrigation System
 F. Intake : Free Intake
 Weir* : Weir + Free Intake

Table VII.1.2 (10/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					(B)	Not Irrigated yet (Rainfed) (C)						
203. Pakan Siamo	S.T.	Weir	50	33	0	17	0	0	0	33		
204. Datar Rambutan	S.T.	Weir*	28	28	0	0	0	0	0	28		
205. Ampang Nagri	S.T.	Weir	42	37	5	0	0	0	5	42		
206. A.N. Sawah Guguk	S.T.	Weir	33	33	0	0	0	0	0	33		
207. Tandikek	S.	Weir*	182	182	0	0	0	0	34	162		
208. A.N. Palak Kudo	S.T.	Weir	55	21	34	0	0	1	1	55		
209. Lubuk Paraku	S.	Weir	50	49	0	0	0	0	0	50		
210. Bandar Panjang	S.T.	Weir	53	53	0	0	0	0	0	53		
211. Batang Kupitan	S.	Weir	200	60	140	0	0	140	0	200		
212. Batang Lasi	S.	Weir	200	200	0	0	0	0	0	200		
213. Sikoramir	S.T.	Weir	25	25	0	0	0	0	0	25		
214. Bd. G. MD. Sakti	S.T.	Weir	51	51	0	0	0	0	0	51		
215. Batang Suo	S.	-	808	0	0	0	808	808	0	808		
216. Batang Ambatan	S.T.	Weir	53	53	0	0	0	0	0	53		
217. Sei Pandan	S.	Weir*	68	88	0	0	0	0	0	68		
218. Pulau Basung	S.T.	Weir	50	28	0	0	22	22	22	50		
219. Tabek Gadang	S.T.	Reserv.	50	35	15	0	0	0	15	50		
220. Siminal	S.T.	Weir*	40	40	0	0	0	0	0	40		
221. Lubuk Mandahiling	S.	Weir	70	70	0	0	0	0	0	70		
222. Bandar Koto Tuo	S.T.	F. Intake	28	28	0	0	0	0	0	28		
223. Bandar IX Lurah	S.	Weir	192	192	0	0	0	0	0	192		
224. Batang Sitaok	S.	Weir	150	69	0	0	81	81	81	150		
225. Sungai Lantung	S.	Weir	100	55	0	0	45	45	45	100		
Total : Kab. Sijunjung (1/3)			2,558	1,390	194	17	957	1,151	1,151	2,541		

Note
 S. : Simple Irrigation System
 S.T. : Semi-technical Irrigation System
 F. Intake : Free Intake
 Reserv. : Reservoir
 Weir* : Weir + Free Intake

Table VII.1.2 (11/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (10/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
226. Batang Paliki	S.	Weir	Weir	75	59	0	0	16	0	16	75	
227. Batang Puntian	S.	Weir	Weir	66	46	20	0	0	0	20	66	
228. Bd. Batang Talao	S.	Weir	Weir	50	49	1	0	0	0	1	50	
229. Sawah Lawas	S.	Weir*	Weir*	69	69	0	0	0	0	0	69	
230. Lubuk Rumbio	S.	F. Intake	F. Intake	60	60	0	0	0	0	0	60	
231. Sawah Manangah	S.	Weir*	Weir*	27	27	0	0	0	0	0	27	
232. Bd. Gadang Siantan	S.	Weir	Weir	49	49	0	0	0	0	0	49	
233. Sei Tombangan	S.	F. Intake	F. Intake	100	60	40	0	0	0	40	100	
234. Sungai Mani	S.T.	Weir	Weir	65	45	20	0	0	0	20	65	
235. Batang Tinggolang	S.	Weir*	Weir*	64	30	34	0	0	0	34	64	
236. Batang Paltion	S.T.	Weir	Weir	44	44	0	0	0	0	0	44	
237. Batang Kumpal	S.	F. Intake	F. Intake	85	50	35	0	0	0	35	85	
238. Batang Talaok	S.	Weir	Weir	98	60	38	0	0	0	38	98	
239. Mudik Latang	S.	Weir*	Weir*	40	40	0	0	0	0	0	40	
240. Andapan	S.	Weir*	Weir*	70	70	0	0	0	0	0	70	
241. Batang Sampek	S.	Weir	Weir	45	45	0	0	0	0	0	45	
242. Batang Pulasan	S.	F. Intake	F. Intake	50	50	0	0	0	0	0	50	
243. Padang Doto	S.	Weir*	Weir*	150	81	69	0	0	0	69	150	
244. Batang Langung	S.	Weir	Weir	25	25	0	0	0	0	0	25	
245. Batang Liau	S.T.	Weir	Weir	273	35	0	0	238	0	238	273	
246. Ulu Takung	S.	Weir	Weir	118	50	68	0	0	0	68	118	
247. Mudik Air	S.	F. Intake	F. Intake	96	96	0	0	0	0	0	96	
248. Batang Sikumbu	S.	F. Intake	F. Intake	60	50	10	0	0	0	10	60	
249. Sungai Betung	S.	Weir	Weir	328	228	0	0	100	0	100	328	
250. Batu Hampar I	S.	Weir	Weir	176	27	0	0	149	0	149	176	
Total : Kab. Sijunjung (2/3)				2,283	1,445	335	0	503	0	838	2,283	

Note

S. : Simple Irrigation System

S.T. : Semi-technical Irrigation System

F. Intake : Free Intake

Weir* : Weir + Free Intake

Table VII.1.2 (12/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (11/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
251. Tabek Alai	S.		Weir	50	50	0	0	0	0	50		
252. Air Amo	S.T.		Weir	308	60	0	0	248	248	308		
253. Batang Nuang	S.		-	458	0	0	0	458	458	458		
254. Tabek Taratak	S.		Weir	53	53	0	0	0	0	53		
255. Sungai Jambu	S.		Weir	56	45	0	4	7	7	52		
256. Siliung I	T.		Weir	5,934	2,356	0	0	3,578	3,578	5,934		
257. Batu Hampar II	S.		Weir	273	16	0	0	257	257	273		
258. Sungai Belimbing	S.		-	110	50	60	0	0	60	110		
259. Pangkal Jalan	S.		F. Intake	50	45	0	0	5	5	50		
260. Lubuk Rimbo	S.		Weir*	165	155	10	0	0	10	165		
Total : Kab. Sijunjung (3/3)				7,457	2,830	70	4	4,553	4,623	7,453		
Total : Kab. Sijunjung				12,298	5,665	599	21	6,013	6,612	12,277		

Note

- S. : Simple Irrigation System
- S.T. : Semi-technical Irrigation System
- T. : Technical Irrigation System
- F. Intake : Free Intake
- Weir* : Weir + Free Intake

Table VII.1.2 (13/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (12/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Not Irrigated yet (Rainfed) (C)	Irrigated (B)						
261. Bandar Pauh	S.	F. Intake	115	115	0	0	0	0	0	115		
262. Bandar Ulu Air	S.	Weir	325	305	0	0	20	0	0	325		
263. Bandar Sawah Luar	S.T.	F. Intake	200	199	0	1	0	0	0	199		
264. Bd. Kadang Bao	S.	Weir*	59	59	0	0	0	0	0	59		
265. Bd. Tapi Piliang	S.T.	Weir*	169	169	0	0	0	0	0	169		
266. Bandar Pinku Rayo	S.	F. Intake	12	12	0	0	0	0	0	12		
267. Bandar Gadang	S.	Weir	172	172	0	0	0	0	0	172		
268. Bandar Kati Alo	S.	Weir	28	28	0	0	0	0	0	28		
269. Bd. Gadang Laweh	S.	Weir	26	26	0	0	0	0	0	26		
270. Bandar Sopan	S.	Weir	47	47	0	0	0	0	0	47		
271. Bandar Pamigo	S.	F. Intake	67	67	0	0	0	0	0	67		
272. Bandar Lurah Hitam	S.	F. Intake	13	13	0	0	0	0	0	13		
273. Bandar Lurah Putih	S.	F. Intake	100	98	0	4	0	0	0	98		
274. Bd. Mandi Mandian	S.	Weir	150	146	0	1	3	0	0	149		
275. Bd. Sawah Kaciak	S.	Weir	22	22	0	0	0	0	0	22		
276. Bd. Danau Siam	S.	Weir	4	4	0	0	0	0	0	4		
277. Bd. Pabauam Siam	S.	F. Intake	125	120	0	5	0	0	0	120		
278. Bd. Sawah Panjang	S.	F. Intake	50	47	0	3	0	0	0	47		
279. Bandar Air Dalik II	S.	Weir	30	30	0	0	0	0	0	30		
280. Bandar Pamujan	T.	Weir*	327	304	0	23	0	0	0	304		
281. Bandar Arjatal	S.T.	F. Intake	172	172	0	0	0	0	0	172		
282. Bd. Panjang Salayo	T.	Weir	339	337	0	2	0	0	0	337		
283. Bd. P. Koto Hilalang	S.T.	Weir	280	280	0	0	0	0	0	280		
284. Bd. Tabek Sonsang	S.T.	Weir*	305	282	0	0	0	23	0	305		
285. Bd. Bt. Lembang	T.	Weir	750	660	0	60	30	0	0	690		
Total : Kab. Solok (1/3)			3,887	3,712	0	89	76	0	0	3,788		

Note

- S. : Simple Irrigation System
- S.T. : Semi-technical Irrigation System
- T. : Technical Irrigation System
- F. Intake : Free Intake
- Weir* : Weir + Free Intake

Table VII.1.2 (14/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (13/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
286. Bd. Guguk Rantau	T.	Weir*	450	400	50	0	0	0	50	450		
287. Bd. Guguk Bahang	S.	F. Intake	72	72	0	0	0	0	0	72		
288. Bandar Galuang	S.	F. Intake	100	100	0	0	0	0	0	100		
289. Bd. Batang Simo	S.	Weir*	100	85	10	0	5	0	15	100		
290. Bd. Tabek Busuak	S.	Reserv.	76	76	0	0	0	0	0	76		
291. Bd. Kayu Kundue	S.	F. Intake	72	69	0	0	3	0	0	69		
292. Bd. Limau Hantu	S.	F. Intake	55	55	0	0	0	0	0	55		
293. Bd. Lembang Duri	S.	F. Intake	92	92	0	0	0	0	0	92		
294. Badar Sawah Sundi	S.	-	48	48	0	0	0	0	0	48		
295. B. Guguk Manyalek	S.	F. Intake	65	65	0	0	0	0	0	65		
296. Bandar Halim	T.	Weir	638	638	0	0	12	0	0	638		
297. Bandar Paninjauan	S.	F. Intake	52	52	0	0	0	0	0	52		
298. Bd. Tapian Puti	S.	Weir	175	175	0	0	0	0	0	175		
299. Bd. Sawah Durian	S.	F. Intake	70	70	0	0	0	0	0	70		
300. Bd. Sawah Banyak	S.	F. Intake	58	58	0	0	0	0	0	58		
301. Bd. Sungai Buluh	S.	F. Intake	64	64	0	0	0	0	0	64		
302. Bd. Tanguak2	S.	F. Intake	40	40	0	0	0	0	0	40		
303. Bd. Sawah Ratak	S.	Weir	142	142	0	0	0	0	0	142		
304. Bandar Nagari	S.	Weir	99	99	0	0	0	0	0	99		
305. Bandar Gantiang	S.	F. Intake	63	63	0	0	0	0	0	63		
306. Bd. Gunung Panjang	S.T.	Weir*	834	783	0	0	0	51	51	834		
307. Bandar Air Dingin	S.	-	274	274	0	0	0	0	0	274		
308. Bd. Sawah Laweh	S.	F. Intake	250	239	0	0	11	0	0	239		
309. Bandar Ubo	T.	Weir	650	595	0	0	16	39	39	634		
310. Bd. Sawah Gunung	S.	Weir	298	293	0	0	5	0	0	293		
Total : Kab. Solok (2/3)			4,847	4,645	60	47	95	155	155	4,800		

Note

- S. : Simple Irrigation System
- S.T. : Semi-technical Irrigation System
- T. : Technical Irrigation System
- F. Intake : Free Intake
- Reserv. : Reservoir
- Weir* : Weir + Free Intake

Table VII.1.2 (15/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

I. West Sumatra

B. Indragiri Basin (14/14)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irrigated (B)	Not Irrigated yet (Rainfed) (C)						
311. Bd. Sawah Sirukam	T.		Weir	2,890	2,377	433	0	80	513	2,890		
312. Bandar Kajai	S.		F. Intake	80	80	0	0	0	0	80		
313. Bd. Guguk Landuk	T.		Weir	255	228	0	0	28	26	255		
314. Bandar Kilangan	S.		Weir	258	248	0	8	0	0	248		
315. Bd. Paneh Gadang	S.		Weir	254	248	0	0	6	6	254		
316. Bd. Sawah Taruko	S.		Weir	400	395	0	0	5	5	400		
317. Bandar Koto Gaek	S.T.		Weir*	652	610	0	0	42	42	652		
318. Bd. Bal. Rung Mudik	S.		Weir	358	354	0	0	4	4	358		
319. Bandar Musajik	S.T.		Weir	170	167	0	0	3	3	170		
320. Bd. Sawah Bukik	S.		Weir	154	148	0	6	0	0	148		
321. Bandar Gadang	S.T.		Weir	1,525	1,490	0	0	35	35	1,525		
322. Bandar Ulu Air	S.T.		Weir	165	165	0	0	0	0	165		
323. Bandar Air Angek	S.		F. Intake	112	112	0	0	0	0	112		
324. Bd. Tabek Panjang	S.		F. Intake	109	108	0	0	0	0	109		
325. Bandar Gurah	S.		Weir	209	196	0	0	13	13	209		
326. Bd. Bukit Jaliang	S.		F. Intake	225	225	0	0	0	0	225		
327. Bd. Tabek Dangka	S.		F. Intake	155	153	0	2	0	0	153		
328. Bandar Garingging	S.		F. Intake	85	60	0	0	25	25	85		
329. Bandar Lembang	S.		F. Intake	225	222	0	3	0	0	222		
330. Bd. Sungai Gasang	S.		F. Intake	61	45	0	0	16	16	61		
331. Pump I	S.		Pump	153	150	0	3	0	0	150		
332. Pump II	S.		Pump	110	110	0	0	0	0	110		
333. Pump III	S.		Pump	89	89	0	0	0	0	89		
334. Pump IV	S.		Pump	78	78	0	0	0	0	78		
335. Pump V	S.		Pump	283	279	0	4	0	0	279		
336. Pump VI	S.		Pump	285	285	0	0	0	0	285		
337. Pump VII	S.		Pump	98	98	0	0	0	0	98		
Total : Kab. Solok (3/3)				9,436	8,722	433	28	255	688	9,410		
Total : Kab. Solok				18,170	17,079	493	172	426	919	17,998		
Total for Indragiri Basin				61,900	52,641	1,723	471	7,065	8,788	61,429		

Note S. : Simple Irrigation System

S.T. : Semi-technical Irrigation System

T. : Technical Irrigation System

F. Intake : Free Intake

Weir* : Weir + Free Intake

Data Sources :

RECAPITULATION OF IRRIGATION SCHEMES INVENTORY IN WEST SUMATRA
(REKAPITULASI INVENTARISASI DAERAH IRRIGASI PROPINSI SUMATRA BARAT 1993)

Table VII.1.2 (16/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

II. Riau Province

A. Kampar Basin (1/3)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting	Potential Irrigable Area (A)	Existing Paddy Field Not Irrigated yet (Rainfed) (C)	Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)	(Unit : ha)	
												Water	Area (A)
1. Sei Siam (L)	S.T.	Siam	Weir	713	301	112	0	412	713	4,430			
2. Kuok II (L)	S.T.	Sayak	Weir	106	83	0	23	23	106	1,050			
3. Bancah Labi (L)	S.T.	Manggis	Weir	350	192	74	9	149	341	302			
4. Pangoan (L)	S.T.	Pangoan	Weir	285	41	78	5	219	260	2,030			
5. Uwal (L)	S.T.	Uwal	Weir	1,139	854	108	34	251	1,105	1,557			
6. Telo (L)	S.T.	Abang	Weir	355	0	8	0	355	355	287			
7. Sei Tanang (L)	S.T.	Tanang	Weir	600	145	60	3	452	597	4,025			
8. Muara Jalai (L)	S.T.	Jalai	Weir	400	51	61	0	349	400	437			
9. Pasir Jambu (L)	S.T.	Papan	Weir	730	50	0	0	680	730	1,460			
10. Sasapan. II (L)	S.T.	Sasapan	Weir	564	120	50	0	444	584	960			
Total for Left Bank Area				5,222	1,837	553	51	3,334	5,171				
11. Kuok I (R)	S.T.	Sijangkang	Weir	119	76	22	0	43	119	595			
12. Sei Maki (R)	S.T.	Maki	Weir	250	194	26	7	49	243	260			
13. Salo Baru (R)	S.T.	Salo	Weir	265	0	39	19	246	246	312			
14. Salo Tg. Betit (R)	S.T.	Nyungkang	Weir	150	64	10	26	60	124	325			
15. Bt. Bangkinang (R)	S.T.	Stanum	Weir	150	10	3	30	110	120	900			
16. Ranah Singkuang (R)	S.T.	Singkuang	Weir	1,000	672	0	58	269	941	2,272			
17. Dukung Anak (R)	S.T.	Singkuang	Weir	185	58	47	0	127	185	400			
18. Penyesawan (R)	S.T.	Betung	Weir	98	58	14	3	37	95	350			
19. Sei Sirah (R)	S.T.	Sirah	Weir	305	190	61	0	115	305	695			
20. Sei Tibun (R)	S.T.	Tibun	Weir	393	50	10	0	343	393	3,512			
21. Petapahan (R)	S.T.	Petapahan	Weir	800	450	121	3	347	797	1,112			
22. Sei Tambang (R)	S.T.	Tambang	Weir	770	0	22	0	770	770	1,750			
Total for Right Bank Area				4,485	1,822	375	147	2,516	4,338				
Total for R. Berangin				9,707	3,659	928	198	5,850	9,509				

Note

- (L) : The scheme is located on the left bank of the Kampar Kanan River.
- (R) : The scheme is located on the right bank of the Kampar Kanan River.
- Total for R. Berangin : Total Area Included in the Proposed Rantau Berangin Irrigation Development Project.
- S.T. : Semi-technical Irrigation System.

Table VII.1.2 (17/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

A. Kampar Basin (2/3)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area		Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
				(A)	(B)	Not Irrigated yet (Rainfed)	(C)						
23. Tandihat (L)	S.T.	Pubaka	Weir	149	64	20	20	0	65	85	149	722	
24. Tiwik Kecil (L)	S.T.	Sindu	Weir	105	90	15	15	0	0	15	105	330	
25. Lubuk Agung (L)	S.T.	Buluh	Weir	82	47	35	35	0	0	35	82	437	
26. Mentiwik (R)	S.T.	Mentiwik	Weir	165	115	50	50	0	0	50	165	780	
Total exl. R. Berangin				501	316	120	120	0	65	185	501		
Total for Kampar Kanan				10,208	3,975	1,048	1,048	198	4,987	6,035	10,010		

Note

Total exl. R. Berangin : Total Area excluded from the Proposed Rantau Berangin Irrigation Development Project.

A. Kampar Basin (3/3)
(2) Kampar Kiri River

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area		Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
				(A)	(B)	Not Irrigated yet (Rainfed)	(C)						
27. Sei Paku (L)	S.T.	Paku	Weir	780	150	50	50	0	560	610	780	11,000	APBN
28. Kebon Durian (L)	S.T.	*	Weir	194	7	0	0	3	184	184	191	1,474	
28. Pang. Indarung (L)	S.T.	Sambau	Weir	206	0	10	10	0	196	206	206	680	APBD
(30). Sei Sawi (R)	S.T.	Sawi	Weir	350	0	0	0	0	350	350	350	456	
(31). Lb. M. Lembo (R)	S.T.	Lembo	Weir	100	0	0	0	0	100	100	100	365	
(32). Bt. Teso (R)	S.T.	Teso	Weir	10,500	0	72	72	0	10,428	10,500	10,500	12,400	PSLIAPBN
(33). Doranan (R)	S.T.	Doranan	Weir	543	0	0	0	0	543	543	543	827	PIADP
(34). Mantaro (R)	S.T.	**	Weir	361	8	218	218	117	17	235	244	1,379	PIADP
(35). Nagedang (R)	S.T.	Nagedang	Weir	633	0	316	316	2	315	631	631	1,507	PIADP
Total for Kampar Kiri				13,647	168	668	668	122	12,693	13,359	13,525		
Total for Kampar Basin				23,855	4,141	1,714	1,714	320	17,680	19,394	23,535		

Note

- () : The schemes belonging to Kab. Indragiri Hulu.
- (L) : The scheme is located on the left bank of the Kampar Kiri River.
- (R) : The scheme is located on the right bank of the Kampar Kiri River.
- S.T. : Semi-technical Irrigation System.
- *
- ** : Water sources for Kubun Drian Scheme consist of Selero Gandang and Selero Kecil.
- APBN : Water schemes for Mantaro Scheme consist of Sei Mantaro and Sei Polahan.
- APBD : Budget from Central Government.
- PSLIAPBN : Budget from Local Government.
- PIADP : OECF Fund+Budget from Central Government.
- PIADP : IBRD Fund.

Table VII. 1.2 (18/18) DEVELOPED AREAS AND REMAINING POTENTIAL DEVELOPMENT AREAS IN EXISTING IRRIGATION SCHEMES IN STUDY AREA

II. Riau Province

B. Indragiri Hu Basin (1/1)

Scheme Name	Level of Irrigation System	Water Sources (River Name)	Facility Abstracting Water	Potential Irrigable Area (A)	Existing Paddy Field		Non Convertible Area to Paddy Field at Present (D)	Area Remained Undeveloped at Present (E)=(A)-(B)-(C)-(D)	Estimated Area to be Newly Irrigated in Future (F)=(C)+(E)	Estimated Total Irrigable Area (G)=(B)+(F)	Catchment Area	Ongoing Scheme (Budget)
					Irigated (B)	Not Irrigated yet (Rainfed) (C)						
1. Lb. Ambacang II (L)	S.T.	-	Weir	108	0	0	0	108	108	108	867	
2. Lb. Ambacang I (L)	S.T.	-	Weir	179	140	0	6	33	33	173	1,392	
3. Gunung (L)	S.T.	-	Weir	78	45	0	0	33	33	78	600	
4. Petapahan Toar (L)	S.T.	Petapahan	Weir	143	122	21	0	0	21	143	1,500	
5. Sei Jering (L)	S.T.	Sei Jering	Weir	75	22	1	3	49	50	72	475	
6. Sentajo I (L)	S.T.	-	Weir	30	20	0	0	10	10	30	950	
7. Sentajo II (L)	S.T.	-	Weir	250	84	14	7	145	159	243	1,200	
8. Simandolak (L)	S.T.	-	Weir	1,941	542	325	5	1,069	1,394	1,936	8,140	
9. Pauh Pangean (L)	S.T.	Pangean	Weir	581	330	0	143	108	108	438	9,778	
10. Baserah II (L)	S.T.	Sei Sikiang	Weir	293	231	5	0	57	62	293	1,480	
11. Baserah I (L)	S.T.	-	Weir	128	109	0	0	19	19	128	3,200	
12. Ry. Ambacang (L)	S.T.	-	Weir	500	25	10	0	465	475	500	2,200	
Total for Left Bank Area				4,306	1,870	376	164	2,096	2,472	4,142		
13. Kinall (R)	S.T.	-	Pump	140	140	0	0	0	0	140	650	
14. Seb. Gunung (R)	S.T.	Sei Parit	Weir	465	350	30	85	0	30	380	2,064	
15. Seb. Taluk II (R)	S.T.	Sei Kalik	Weir	298	150	5	0	143	148	298	313	
16. Sei Paing (R)	S.T.	Sei Paing	Weir	395	280	20	0	95	115	395	1,800	
17. Sei Sarik (R)	S.T.	Salik, Talon	Weir	198	0	0	0	198	198	198	613	
18. Rumbio Taluk (R)	S.T.	-	Weir	249	205	10	0	34	44	249	3,900	
19. Rawang Udang (R)	S.T.	Telentan	Weir	125	87	0	1	37	37	124	244	
20. Danau Koto Rajo (R)	S.T.	-	Weir	446	303	0	0	143	143	446	1,050	
Total for Right Bank Area				2,316	1,515	65	86	650	715	2,230		
Total for Lubuk Jambi				6,622	3,185	441	250	2,746	3,187	6,372		
21. Barabah (L)	S.T.	Pekalongan	Weir	300	0	0	0	300	300	300	535	
22. Rawang Pauh (L)	S.T.	-	Weir	200	0	0	0	200	200	200	755	
23. Sei Baung (R)	S.T.	Sei Baung	Weir	846	0	328	0	518	846	846	6,145	
24. Siberida (R)	S.T.	Pegagas	Weir	200	125	61	4	10	71	196	1,020	
Total ex. Lubuk Jambi				1,546	125	389	4	1,028	1,417	1,542		
Total for Indragiri Hu				8,168	3,310	830	254	3,774	4,604	7,914		

Note

Total for Lubuk Jambi : Total Area included in the Proposed Lubuk Jambi Irrigation Development Project.
 Total ex. Lubuk Jambi : Total Area excluded from the Proposed Lubuk Jambi Irrigation Development Project.
 (L) : The scheme is located on the left bank of the Indragiri River.
 (R) : The scheme is located on the right bank of the Indragiri River.
 * : Water sources for Lb. Ambacang II Project consist of Sei Paku and Sei Geringging.
 S.T. : Semi-technical Irrigation System.

Data Sources : INVENTORY OF IRRIGATION/SWAMP DEVELOPMENT IN RIAU PROVINCE 1992/1993 (PROYEK INVENTARISASI IRIGASIRAWA PEMANFAATAN LAHAN PROPINSI RIAU 1992/1993)