

Table 4.2-5 ESTIMATE OF GRDP AT CURRENT FACTOR COST PRICES

Sector	Amount (Rs. Million)										Percentage Distribution (%)									
	1982	1986	1987	1988	1989	1990	1982	1986	1987	1988	1989	1990	1982	1986	1987	1988	1989	1990	1982	1990
1. Agriculture, Forestry and Fishing	7,704	11,714	12,547	14,009	13,802	18,851	36.3	31.1	31.1	31.7	28.3	29.9								
(Central Province)	2,797	4,925	4,979	5,587	6,698	7,611														
(Sabaragamuwa Province)	2,408	3,551	3,772	4,209	4,199	5,850														
(Uva Province)	2,500	3,238	3,796	4,213	2,905	5,390														
2. Industry	4,642	10,197	10,369	10,546	12,743	16,011	21.9	27.1	25.7	23.9	26.1	25.4								
1) Mining	321	2,391	1,816	1,325	1,391	1,765	1.5	6.4	4.5	3.0	2.9	2.8								
2) Manufacturing	3,290	5,708	6,213	6,792	7,812	10,149	15.5	15.2	15.4	15.4	16.0	16.1								
3) Construction	1,031	2,097	2,340	2,429	3,540	4,097	4.9	5.6	5.8	5.5	7.3	6.5								
3. Services	8,519	15,700	17,066	19,542	21,736	27,862	40.2	41.7	42.3	44.3	57.1	44.2								
1) Electricity, Gas and Water	87	164	161	177	220	252	0.4	0.4	0.4	0.4	0.5	0.4								
2) Transport, Communication & Postal	1,439	2,869	3,107	3,423	3,418	4,854	6.8	7.6	7.7	7.8	7.0	7.7								
3) Trade & Tourism	4,402	8,088	8,795	10,246	11,424	14,372	20.8	21.5	21.8	23.2	23.4	22.8								
4) Finance & Insurance	696	1,148	1,251	1,413	1,684	2,080	3.3	3.1	3.1	3.2	3.5	3.3								
5) Private Services	535	1,284	1,372	1,502	1,670	2,080	2.5	3.4	3.4	3.4	3.4	3.3								
6) Government services	1,360	2,146	2,380	2,782	3,320	4,223	6.4	5.7	5.9	6.3	6.8	6.7								
4. Residual	343 0	43 0	363 0	66 0	542	313	1.6	0.1	0.9	0.2	1.1	0.5								
Total (GRDP)	21,208	37,654	40,345	44,163	48,822	63,037	100.0	100.0	100.0	100.0	100.0	100.0								
RGDP per Capita (Rs.)	4,737	8,063	8,513	9,203	10,046	12,888														
(US\$)	293.3	262.1	267.6	255.3	250.8	311.5														
Average Exchange Rate (Rs./US\$)	16.15	30.76	31.81	36.05	40.06	41.37														

Source: Department of National Planning, MPPI; Original figures were modified by using the Annual Report, Central Bank of Sri Lanka.

Table 4.2-6 ESTIMATE OF GRDP AT CONSTANT 1982 FACTOR COST PRICES

Sector	Amount (Rs. Million)					Annual Growth Rate (%)					Average Growth Rate (1982-90)	
	1982	1986	1987	1988	1989	1990	1982	1987	1988	1989	1990	Rate (1982-90)
1. Agriculture, Forestry and Fishing (Central Province)	7,704	8,176	8,184	8,195	7,364	8,286	-	0.1	0.1	-10.1	12.5	0.9
(Sabaragamuwa Province)	2,797	3,437	3,247	3,268	3,574	3,345	-	-5.5	0.6	9.4	-6.4	2.3
(Uva Province)	2,408	2,478	2,460	2,462	2,240	2,571	-	-0.7	0.1	-9.0	14.8	0.8
	2,500	2,260	2,476	2,465	1,550	2,369	-	9.6	-0.5	-37.1	52.8	-0.7
2. Industry	4,642	7,117	6,763	6,169	6,799	7,038	-	-5.0	-8.8	10.2	3.5	5.3
1) Mining	321	1,669	1,184	775	742	776	-	-29.0	-34.5	-4.2	4.5	11.7
2) Manufacturing	3,290	3,984	4,052	3,973	4,168	4,461	-	1.7	-2.0	4.9	7.0	3.9
3) Construction	1,031	1,464	1,526	1,421	1,889	1,801	-	4.3	-6.9	32.9	-4.6	7.2
3. Services	8,519	10,957	11,131	11,432	11,597	12,247	-	1.6	2.7	1.5	5.6	4.6
1) Electricity, Gas and Water	87	114	105	103	117	111	-	-7.9	-1.8	13.4	-5.5	3
2) Transport, Communication & Postal	1,439	2,003	2,026	2,002	1,824	2,134	-	1.2	-1.2	-8.9	17.0	5
3) Trade & Tourism	4,402	5,645	5,736	5,993	6,096	6,317	-	1.6	4.5	1.7	3.6	4.6
4) Finance & Insurance	696	802	816	827	899	914	-	1.8	1.3	8.7	1.7	3.5
5) Private Services	535	896	895	878	891	914	-	-0.2	-1.8	1.4	2.6	6.9
6) Government services	1,360	1,498	1,553	1,628	1,771	1,856	-	3.6	4.8	8.8	4.8	4
4. Residual	343 0	30 0	237 0	39 0	289	137	-	-	-	-	-	-
Total (GRDP)	21,208	26,280	26,314	25,834	26,050	27,708	-	0.1	-1.8	0.8	6.4	3.4
RGDP per Capita (Rs.)	4,737	5,627	5,553	5,383	5,360	5,665	-	-	-	-	-	-

Source: Department of National Planning, MPPI; Original figures were adjusted by using the Annual Report, Central Bank of Sri Lanka.

Table 4.2-7 DISTRIBUTION OF THE NUMBER AND AREA OF OPERATIONAL HOLDINGS

Province	District	-1/4 Acres		1/4 - 1 Acres		1 - 2 Acres		2 - 4 Acres		4 Acres -		Total	
		No. of Hold	Area	No. of Hold	Area	No. of Hold	Area	No. of Hold	Area	No. of Hold	Area	No. of Holdings	Area
Central	Matale	1,755	220	13,528	1,321	12,436	15,912	15,251	40,566	7,346	57,072	50,316	115,091
		3.5%	0.2%	26.9%	1.1%	24.7%	13.8%	30.3%	35.2%	14.6%	49.6%	100.0%	100.0%
	Candy	8,890	1,158	47,254	22,147	24,879	31,731	17,476	45,897	15,336	61,600	106,700	162,533
		8.3%	0.7%	18.9%	3.4%	23.3%	19.5%	16.4%	28.2%	14.4%	37.9%	100.0%	100.0%
	N' Eliya	2,760	327	14,442	6,914	11,492	14,399	7,033	1,842	2,696	35,748	38,423	59,230
Uva		7.2%	0.6%	37.6%	11.7%	29.9%	24.3%	18.3%	3.1%	7.0%	60.4%	100.0%	100.0%
	Sub Total	13,405	1,705	75,224	30,382	48,807	62,042	39,760	88,305	25,378	154,420	195,439	336,854
	%	6.9%	0.5%	38.5%	9.0%	23.0%	18.4%	20.3%	26.2%	13.0%	45.8%	100.0%	100.0%
Sabaragamuwa	Badulla	4,227	534	22,318	10,954	19,107	24,017	17,975	47,874	6,090	37,733	69,717	121,112
		6.1%	0.4%	32.0%	9.0%	27.4%	19.8%	25.8%	39.5%	8.7%	31.2%	100.0%	100.0%
	Moneragara	105	7	3,193	1,472	7,408	8,952	23,694	57,509	11,665	67,065	46,065	135,005
		0.2%	0.0%	6.9%	1.1%	16.1%	6.6%	51.4%	42.6%	25.3%	49.7%	100.0%	100.0%
	Sub Total	4,332	541	25,511	12,426	26,515	32,969	41,669	105,383	17,755	104,798	115,782	256,117
Kegalle		3.7%	0.2%	22.0%	4.9%	22.9%	12.9%	36.0%	41.1%	15.3%	40.9%	100.0%	100.0%
	Kegalle	8,981	1,088	39,731	18,773	23,480	30,080	16,475	42,644	9,389	75,416	98,056	168,001
		9.2%	0.6%	40.5%	11.2%	23.9%	17.9%	16.8%	25.4%	9.6%	44.9%	100.0%	100.0%
	Ramapura	4,652	576	31,210	15,246	31,852	39,796	27,072	68,299	11,809	81,500	106,595	205,417
		4.4%	0.3%	29.3%	7.4%	29.9%	19.4%	25.4%	33.2%	11.1%	39.7%	100.0%	100.0%
Ground Total	Sub Total	13,633	1,664	70,941	34,019	55,332	69,876	43,547	110,943	21,198	156,916	204,651	373,418
	%	6.7%	0.4%	34.7%	9.1%	27.0%	18.7%	21.3%	29.7%	10.4%	42.0%	100.0%	100.0%
	Ground Total	31,370	3,910	171,676	76,827	130,654	164,887	124,976	304,631	64,331	416,134	515,872	966,389
Source: 1982 agriculture Census	%	6.1%	0.4%	33.3%	7.9%	25.3%	17.1%	24.2%	31.5%	12.5%	43.1%	100.0%	100.0%

Table 4.2-8 ESTIMATION AGRICULTURAL SECTOR CONTRIBUTION TO RGDP IN THE STUDY AREA (1990)

Sector	(Rs. Mn)	% of GDP	National		Study Area		(Rs. Mn)	% of RGDP
			A (ha)	B (ha)	B/A (%)			
1. Agriculture Sector	65,157	22.43%	1,613,054	538,878	33.41%	18,115	28.7%	
1.1. Tea	8,939	3.08%	238,816	202,792	84.92%	5,477	8.7%	
- Estate			194,396 (81.4%)			4,458	7.1%	
- Smallholders			44,420 (18.6%)			1,018	1.6%	
1.2. Rubber	1,483	0.51%	114,408	52,628	46.00%	492	0.8%	
- Estate			74,708 (65.3%)			321	0.5%	
- Smallholders			39,700 (34.7%)			171	0.3%	
1.3. Coconut	4,852	1.67%	411,425	55,686	13.53%	474	0.8%	
- Estate			102,033 (24.8%)			118	0.2%	
- Smallholder			309,392 (75.2%)			356	0.6%	
1.4. Paddy	15,088	5.19%	485,235	87,229	17.98%	1,957	3.1%	
1.5. Other	34,795	11.98%	363,170	140,543	38.70%	9,715	15.4%	
2. Forestry & Fishing	11,347	3.91%	-	-	-	736	1.2%	
3. Other than Agriculture Sec.	225,338	77.57%	-	-	-	-	-	
National GDP or RGDP	290,495	100.00%	-	-	-	-	63.037 (100%)	

Sources: National development Planning, MPPI (Rf. Table 4.2-5), and Agriculture Census 1982

Sources: National development Planning, MPPI (Rf. Table 4.2-5), and Agriculture Census 1982

Table 4.2-9 POPULATION AND POPULATION DENSITY BY DISTRICT

Province	District	1981 Census	1991 Estimates	1991 Inventory Survey *1	Population Density *2 (Persons/Sq.km)
Central	Matale	357,354	420,000	445,523	224
	Kandy	1,048,317	1,254,000	1,225,062	655
	Nuwara Eliya	603,577	420,000	569,823	330
	Sub-Total	2,009,248	2,352,000	2,240,408	401
Uva	Badulla	640,952	711,000	755,550	268
	Moneragala	273,570	349,000	346,253	74
	Sub-Total	914,522	1,060,000	1,101,803	147
Sabaragamuwa	Kegalla	684,944	754,000	755,971	455
	Ratnapura	797,087	937,000	951,222	371
	Sub-Total	1,482,031	1,691,000	1,707,193	404
Total		4,405,801	5,103,000	5,049,404	317(292)
Sri Lanka		14,846,750	17,261,000		268

Notes : 1. Inventory Survey conducted in April 1993(3 Division date not available)

2. Population Density calculated from population of Inventory Survey

Table 4.2-10 WORKFORCE AND NUMBER OF UNEMPLOYED BY DISTRICT

Province	District	1985/86 /1			1985/86 /2		
		Unemployed	Total	% of the Total	Unemployed	Total	% of the Total
Central	Kandy	75,306	418,022	18.0	311,947	694,482	44.9
	Matale	16,494	153,040	10.7	82,295	236,061	35.0
	N'Eliya	14,662	243,978	6.0	77,233	284,851	27.1
Sub-total		106,462	815,040	13.1	471,475	1,215,394	38.8
Uva	Badulla	25,460	293,825	8.6	95,380	322,754	29.6
	Moneragala	10,271	118,227	8.6	26,498	156,057	17.0
Sub-total		35,731	412,052	8.7	121,878	478,811	25.5
Sabaragamuwa	Ramapura	37,247	344,669	10.8	137,597	471,193	29.2
	Kegalle	41,668	284,786	14.6	200,403	442,745	45.3
Sub-total		78,915	629,455	12.5	338,000	913,938	37.0
Total		221,108	1,856,547	11.9	931,353	2,608,143	36.5

Note: Provincial Data

Source; /1. Labour Force & Socio-economic survey-1985/86

/2. Inventory Survey, Apr. 1993

Table 4.2-11 RATE OF LANDLESS FARMERS BY DISTRICT

Province	District	in 1982			Inventory Survey in 1993			Remarks
		Landless Families	Agri. Families	Total	% of Landless Farmer	% of Landless Families	Agri. Families	
Central	Matale	8,432	51,360		16.4	16.9	8,877	52,622 1Div.:NA
	Kandy	11,452	107,212		10.7	29.3	32,726	111,796 4Div.:NA
	Nuwara Eliya	-	38,699			37.2	8,715	23,396 2Div.:NA
	Sub-Total	19,884	197,271			26.8	50,318	187,814 2Div.:NA
Uva	Badulla	9,312	68,354		13.6	16.8	11,598	69,056 5Div.:NA
	Moneragala	5,639	46,837		15.2	11.7	4,331	37,040 3Div.:NA
	Sub-Total	14,951	115,191			15.0	15,929	106,096 8Div.:NA
Sabaragamuwa	Kegalla	8,314	100,437		8.3	24.5	20,642	84,265 2Div.:NA
	Ratnapura	19,575	107,876		18.1	17.9	17,526	98,161 1Div.:NA
	Sub-Total	27,889	208,313			20.9	38,168	182,426 3Div.:NA
Total		62,724	520,775		13.5	21.9	104,415	476,336 18Div.:NA
Sri Lanka					11.0			

Table 4.2-12 RATE OF FOOD STAMP RECIPIENT BY DISTRICT

Province	District	in 1989				Inventory Survey in 1993			
		Total Families	Recipient		%	Total Families	Recipient		Remarks
			Families	%			Families	%	
Central	Matale	80,392	49,893	62.0		96,416	46,422	48.1	
	Kandy	241,372	114,360	47.0		244,750	116,212	47.5	
	Nuwara Eliya	104,313	30,909	29.6		139,571	22,051	15.8	
	Sub-Total	426,077	195,162			480,737	184,685	38.4	
Uva	Badulla	136,862	60,261	44.4		156,254	63,089	41.7	
	Moneragala	66,470	40,962	61.6		75,832	49,543	65.3	
	Sub-Total	203,332	101,223			232,086	112,632	49.6	
Sabaragamuwa	Kegalla	144,901	91,267	62.9		171,644	83,066	48.4	
	Ratnapra	178,627	105,666	59.1		192,561	108,084	60.9	
	Sub-Total	323,528	196,933			364,205	191,150	54.8	
Total		952,937	493,318	51.8		1,077,028	488,467	46.2	
Sri Lanka				51.5		17261000(p)	6795849(p)	39.4	

Table 4.2-13 NUMBER OF GENERAL EDUCATION SCHOOLS AND DENSITY

Province	District	Primary	Junior S	Senior S	College	Total	DENSITY Schools/1,000Pr sq.km/School	Remarks
Central	Matale	114	118	61	4	297	0.7	6.7
	Kandy	134	237	120	16	507	0.6	3.1
	Nuwara Eliya	274	154	63	5	496	0.7	3.5
	Sub-Total	522	509	244	25	1,300	0.6	4.1
Uva	Badulla	139	239	95	13	486	0.7	4.0
	Moneragala	41	112	26	3	182	0.5	22.4
	Sub-Total	180	351	121	16	668	0.6	9.5
Sabaragamuwa	Kegalla	199	251	88	9	547	0.9	2.4
	Ratnapura	122	192	74	13	401	0.6	5.0
	Sub-Total	321	443	162	22	948	0.7	3.5
Total		1,023	1,303	527	63	2,916	0.7	5.1
Sri Lanka						10,322	0.6	6.4

Notes : Data of Inventory Survey, Apr. 1993

Table 4.2-14 LITERACY RATE BY DISTRICT (OVER 10 YEARS OF AGE)

Province	District	Male	Female	Both Sexes
Central	Matale	89.2	78.0	83.7
	Kandy	90.9	81.0	58.9
	Nuwara Eliya	87.6	69.6	78.7
	Sub-Total	89.2	76.2	82.9
Uva	Badulla	86.1	69.9	78.1
	Moneragala	83.6	70.9	78.0
	Sub-Total	84.8	70.4	78.0
Sabaragamuwa	Kegalla	92.0	83.2	87.5
	Ramapura	87.9	76.4	82.4
	Sub-Total	90.0	79.8	85.0
Total		88.0	75.5	81.9
Sri Lanka		91.1	83.2	87.2

Note : 1981 Census

Table 4.2-15 NUMBER OF HOSPITAL AND BEDS BY DISTRICT

Province	District	Central Dispensary	Maternity Home	Rural Hospital	Peripheral Hospital	District Hospital	Base Hospital	Provincial Hospital	Total	Total No. of Beds	Density Beds/1000P Beds/1000P
Central	Matale	20	2	9	3	4	1	0	19	1,088	0.04
	Kandy	17	14	29	24	10	2	2	98	2,457	0.08
	Nuwara Eliya	13	24	5	1	15	1	0	59	1,523	0.08
	Sub-Total	50	40	43	28	29	4	2	176	5,068	0.11
Uva	Badulla	22	5	23	5	11	0	1	67	1,837	0.09
	Moneragala	6	1	5	2	8	0	0	22	527	0.05
	Sub-Total	28	6	28	7	19	0	1	89	2,364	0.08
Sabaragamuwa	Kegalla	22	4	7	0	5	3	0	41	1,682	0.05
	Ratnapura	31	17	14	3	6	0	1	72	2,325	0.08
	Sub-Total	53	21	21	3	11	3	1	113	4,007	0.07
Total		131	67	92	38	59	7	4	378	11,439	0.08
Sri Lanka										43,689	0.06

Source. 1. Inventory Survey. Apr. 1993

2. Economic & Social Statistics of Sri Lanka Nov.1992

Table 4.2-16 NUTRITION CONDITION BY DISTRICT

District	Choronic	Acute	Concurrent
Kandy	51.6	14.3	6.0
Matale	40.9	26.3	12.0
Nuwara Eliya	41.8	16.1	6.0
Badulla	46.3	14.7	5.2
Moneragala	42.0	29.4	11.1
Ratnapura	35.6	18.9	6.0
Kegalle	37.4	18.8	5.4
Sri Lanka	31.9	16.71	5.23

Table 4.2-17 TYPE OF HABITATION BY DISTRICT

(Unit : %)

Province	District	1981			Inventory Suvey in 1993			Remarks
		Permanent	Semi-Permanent	Improvised	Permanent	Semi-Permanent	Improvised	
Central	Matale	29.0	69.1	1.9	58.6	16.8	24.6	
	Kandy	43.7	55.6	0.7	78.9	10.6	10.5	
	Nuwara Eliya	30.6	68.4	1.0	63.8	16.1	20.1	
	Sub-Total				71.1	13.2	15.7	
Uva	Badulla	33.7	65.0	1.3	55.9	26.7	17.4	
	Moneragala	17.5	77.5	5.0	40.8	33.2	26.0	
	Sub-Total				49.5	29.4	21.0	
Sabarakamuwa	Kegalla	37.1	61.5	1.4	64.4	16.6	19.0	
	Ratnapra	36.8	62.1	1.1	57.5	23.4	19.1	
	Sub-Total				60.6	20.3	19.1	
3 Province Average					62.3	19.5	18.2	
Sri Lanka		42.6	51.1	6.3				

Table 4.2-18 SANITARY ARRANGEMENT OF HABITATION

Province	District	1981				Inventory Suvey in 1993				Remarks
		Water Seal	Pit	Bucket	None	Water Seal	Pit	Bucket	None	
Central	Matale	6.4	64.7	0.6	26.3	32.6	32.9	19.4	15.1	-
	Kandy	15.3	71.4	0.3	12.9	36.2	43.5	4.8	15.5	2 Div. NA.
	Nuwara Eliya	22.4	43.0	3.2	31.4	34.8	32.6	19.6	13.0	1 Div. NA.
	Sub-total	14.7	59.7	1.4	24.2	34.9	37.5	13.0	14.6	
Uva	Badulla	15.4	56.3	0.2	28.2	36.8	30.3	14.4	18.5	4 Div. NA.
	Moneragala	4.0	50.5	0.1	45.5	19.0	32.9	26.6	21.5	1 Div. NA.
	Sub-total	9.7	53.4	0.2	36.9	29.6	31.4	19.6	19.7	
Sabaragamuwa	Kegalla	17.5	66.5	0.4	15.9	24.0	27.1	16.0	32.9	3 Div. NA.
	Ratnapra	14.4	60.3	0.4	24.9	34.6	28.3	19.6	17.5	1 Div. NA.
	Sub-total	16.0	63.4	0.3	20.4	30.4	27.8	18.2	23.6	
3 Province Average		13.5	58.8	0.6	27.2	32.2	32.9	16.1	18.8	12 Div. NA.
Sri Lanka		19.6	43.5	0.3	36.5					

Table 4.3-1 LAND USE DATA (1/16)

	(Unit: ha)	Urbanland		Agricultural Land										Forestland			Water	Barrenland	Wetland	Total	
		Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren.		Foddy	Sparsely Used	Other	Decide Forest	Open Forest	Forest Plantations	Rangeland					
								Grassland	Scrubland												
Matale	W	310		5910	3610	1760	1540	3730	2330	3930	20	720	550	230	1130	540	80	370	26,770		
	I	130		11,400	1,910	1,190	2,520	930	9,630	25,980	760	32,430	7,420	620	10,740	3,400	1,930	1,100	112,130		
	D	50	80	3,340	0	0	910	20	8,860	15,690	1,620	14,930	1,540	1,410	8,290	1,640	2,100	120	60,600		
	T	490	80	20,650	5,520	2,940	4,970	4,700	20,820	45,600	2,400	48,100	9,510	2,260	20,180	5,580	4,110	1,590	199,500		
Kandy	W	970	80	27,650	24,460	2,970	1,270	7,380	9,590	14,400	530	5,070	1,250	960	1,770	3,630	950	140	103,080		
	I	140	20	9,510	4,880		2,600	1,680	11,020	13,890	3,360	17,160	6,870	420	10,340	2,360	1,400	410	86,050		
	D																		0		
	T	1,110	100	37,160	29,340	2,970	3,870	9,060	20,600	28,280	3,890	22,230	8,120	1,380	12,110	6,010	2,350	550	189,130		
Nuwara Eliya	W	780	20	6,520	52,470	300	10	330	1,320	3,870	2,130	26,260	6,900	5,660	4,210	5,590	2,760	380	119,510		
	I	20		4,880	10,110		300	160	4,030	4,760	8,310	4,150	3,670	1,930	5,670	1,970	740	130	50,830		
	D																		0		
	T	800	20	11,400	62,580	300	310	490	5,350	8,630	10,440	30,410	10,570	7,590	9,880	7,560	3,500	510	170,340		
Badulla	W	250		6,990	10,350		90	2,820	3,600	1,940	2,940	540	2,100	1,050	2,130	260	20	35,080			
	I	610		28,060	25,670	960	430	17,140	65,010	4,050	12,400	30,360	10,790	12,910	8,100	2,480	990	219,960			
	D	0	10	180				50		15,820	270	5,610	3,600		280		660	680	27,160		
	T	860	10	35,230	36,020	960	0	520	20,010	84,430	6,360	30,950	34,500	12,890	14,240	10,230	3,400	1,690	282,200		
Moneragala	W			860		390	360	80	520		1,440	740		310	190		190	5,080			
	I	140		37,710	1,130	2,370	50	150	8,250	79,200	420	40,420	38,230	1,350	24,710	12,810	4,790	1,790	230		
	D			8,810		10	20	240	6,600	106,610	2,630	125,690	19,030	4,810	19,050	1,130	8,350	3,350	630		
	T	140	140	47,380	1,130	2,770	70	750	14,930	186,330	3,050	167,550	58,000	6,160	44,070	14,130	13,140	5,330	860	565,930	
Kegalle	W	90	40	44,270	5,660	49,070	10,780	8,220	10,880	20	20,970	8,240	2,450	970	930	200	820	500	164,110		
	I																		0		
	D																		0		
	T	90	40	44,270	5,660	49,070	10,780	8,220	10,880	20	20,970	8,240	2,450	970	930	200	820	500	164,110		
Raunapura	W	240	90	37,120	20,520	35,830	3,140	4,040	15,150	68,510	20	45,750	6,620	1,320	5,960	1,230	1,440	490	247,470		
	I	240		7,200	590		260	150	2,520	22,250	10	2,550	7,120	540	3,970	1,860	10	130	48,960		
	D	20		8,160	190		330	30	5,750	10,810	310	130	330	460	2,040	60	2,500	10	31,110		
	T	260	90	52,480	21,300	35,830	3,730	4,220	23,200	101,570	340	48,430	14,070	2,320	11,970	3,150	3,950	630	327,540		
Up-country	W	2,640	230	129,320	117,070	90,310	16,740	24,150	42,160	94,850	25,610	90,420	19,050	11,240	15,380	13,530	6,310	2,090	701,100		
	I	70,450	47,950	52,450	72,550	95,250	70,550	86,450	36,450	20,950	54,150	26,150	13,950	33,550	13,650	28,950	20,250	19,450	36,950		
	D	900	20	98,760	44,290	4,520	5,730	3,520	52,590	21,080	16,910	109,130	93,670	15,650	68,340	30,500	11,350	4,550	230		
	T	24,050	4,250	35,760	27,450	4,850	21,450	12,650	45,250	14,650	35,750	31,550	68,350	31,550	60,350	65,150	36,350	42,150	771,540		
Total	W	210	230	20,490	190	10	1,260	290	21,240	148,930	4,830	146,360	24,500	6,680	29,660	2,830	13,610	4,160	630	426,110	
	I	5,650	47,950	8,250	0.1%	0.0%	5.3%	1.0%	18.3%	32.7%	10.2%	42.3%	17.9%	19.9%	26.2%	6.0%	43.5%	38.5%	73.3%	22.4%	
	D	3,750	480	248,270	161,550	94,840	23,730	27,960	115,790	454,860	47,350	345,910	137,220	33,570	113,380	48,860	31,270	10,800	860	1,693,750	
	T	0.2%	0.0%	13.1%	8.3%	5.0%	1.2%	1.5%	6.1%	24.0%	2.5%	18.2%	7.2%	1.8%	6.0%	2.5%	1.6%	0.6%	0.0%	0.0%	

Wet Zone
Intermediate Zone
Dry Zone
Total

Source: Survey Department, Study Team

Table 4.3-1 LAND USE DATA (2/16)

Matale District																	(Unit: ha)	
Division	Urbanland		Agricultural Land				Forestland				Rangeland		Water	Barrenland	Total			
	Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconus	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest				Forest Plantations	Scrubland	Grassland
Gallewela 18,790	W	20				30	340		1,940	3,130	50	330	80		350	130	240	8,450
	I	10					740		3,230	3,470	390	410			360	90	520	10,340
	D																	
	T	30				30	1,080		5,170	6,600	440	740	80		710	220	760	18,790
Pellepola 7,310	W																	0
	I	20				300	1,710	160	300	600	110	530	450		420	100	340	7,310
	D																	0
	T	20				300	1,710	160	300	600	110	530	450		420	100	340	7,310
Dambulla 44,330	W																	0
	I	40	80			0	170		480	520	30	520	220		200	260	40	2,760
	D								5,110	12,010	1,230	8,410	1,400	1,410	7,460	670	1,540	41,570
	T	40	80				180	20	5,590	12,530	1,260	8,930	1,620	1,410	7,660	930	1,580	44,330
Naula 33,490	W																	0
	I	40	0			120	40	150	60	1,320	10,890	540	10,780	2,870	70	3,160	760	33,240
	D									40		170	30		10			250
	T	40	0			120	40	150	60	1,320	10,930	540	10,950	2,900	70	3,170	760	33,490
Yazawayya 6,260	W	20				420	260	550	590	920	10	210	420		10	340	150	6,260
	I																	0
	D																	0
	T	20	0	0	1,770	420	420	260	550	590	920	10	210	420	10	0	340	6,260
Matale 6,890	W	210				20	910	720	1,100	540	1,440	10	150	110	110	150	80	6,890
	I																	0
	D																	0
	T	210				20	910	720	1,100	540	1,440	10	150	110	110	150	80	6,890
Ukuwela 8,520	W	40				80	350	1,220	470	890	0	130	20	20	430	140	0	6,930
	I	0				140	80	310	220	140	0	20	10	0	130	40	10	1,590
	D																	0
	T	40	0	1,710	1,870	220	430	1,530	690	1,030	0	150	30	20	560	180	10	8,520
Ambanganga Korale 5,070	W					150	110	380	170	220		150			130	140	60	2,550
	I					310	90	230	50	440	10	290	100	0	180	100	60	2,520
	D																	0
	T					870	460	200	610	220	660	10	440	100	310	240	60	5,070

Table 4.3-1 LAND USE DATA (3/16)

Maale District																(Unit: ha)
Division	Urbanland		Agricultural Land					Forestland		Rangeland		Water	Barrenland	Total		
	Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest				Open Forest	Forest Plantations
Laggala	W															
33,120	I	10	0	1,270	0	0	0	70	910	7,590	10	13,320	2,900	350	5,150	430
	D								170			440			40	
	T	10		1,270			70		910	7,760	10	13,760	2,900	350	5,190	430
Wilgamuwa	W															
26,990	I	40	0	2,480	0	0	0	0	4,350	2,440	0	5,540	760	0	1,110	1,440
	D			300					520			5,500	110		420	880
	T	40		2,780					4,870	2,440		11,040	870		1,530	2,320
Ratota	W	40		910	990	190	100	480	560	460	0	80	30	90	100	30
8,730	I	0		880	1,230	370	140	120	60	230	10	1,120	30	200	40	140
	D															
	T	40		1,790	2,220	560	240	600	620	690	10	1,200	30	290	140	170
Maale District	W	310		5,910	3,610	1,750	1,540	3,730	2,330	3,930	20	720	550	230	1,150	540
	I	130		11,400	1,910	1,190	2,520	950	9,630	25,980	760	32,450	7,420	620	10,740	3,400
	D	50	80	3,340	0	0	910	20	8,860	15,690	1,620	14,930	1,540	1,410	8,290	1,640
	T	490	80	20,650	5,520	2,940	4,970	4,700	20,820	45,600	2,400	48,100	9,510	2,260	20,180	5,580
Total																

Note: W : Wet Zone
I : Intermediate Zone
D : Dry Zone
T : Total
Source: Survey Department, Study Team

Kandy District

Division	Urbanland		Agricultural Land							Forestland				Rangeland		Water	Barrenland	Total	(Unit: ha)		
	Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Trec and Other Peren			Paddy	Sparsely Used	Other	Dense Forest	Open Forest		Forest Plantations					Scrubland	Grassland
						Coconuts	Mixed						Forest								
Haisipatuwa 4,560	W			2,730	140	20	10	170	910	330		150	10	10		20	10	60	4,560		
	I																	0			
	D																	0			
T	0			2,730	140	20	10	170	910	330		150	10	10		20	10	60	4,560		
Pujapitiya 5,470	W	20		2,020	890	140	20	800	830	420	10	170	100		30	20		5,470			
	I																	0			
	D																	0			
T	20			2,020	890	140	20	800	830	420	10	170	100		30	20		5,470			
Akurana 3,240	W			690	370			200	50	150		10	10		20			1,530			
	I			740	60			180	530	160		20	20		10			1,710			
	D																	0			
T				1,430	430			380	580	310		30	30		20			3,240			
Turpane 11,300	W	10		4,070	40	2,580	500	1,760	1,490	580	20	40	40		100	10	10	11,300			
	I																				
	D																				
T	10			4,070	40	2,580	500	1,760	1,490	580	20	40	40		100	10	10	11,300			
Yainuwara 6,980	W	20		3,200	770	30		380	1,340	1,080	70	60						6,980			
	I																				
	D																				
T	20			3,200	770	30		380	1,340	1,080	70	60						6,980			
Udunuwara 6,530	W	20		2,840	280	70		220	1,380	1,650		10			30	20	10	6,530			
	I																				
	D																				
T	20			2,840	280	70		220	1,380	1,650		10			30	20	10	6,530			
Kandy 4,500	W	530	80	1,500	210	0	0	50	20	670	0	400	50		0	350	170	0	3,840		
	I	60	20		270		20	10	160	20		70			30			660			
	D																	0			
T	590	100		1,300	480		20	60	180	690		470	50		350		170	4,500			

Table 4.3-1 LAND USE DATA (5/16)

Kandy District																(Unit: ha)		
Division	Urbanland		Agricultural Land					Forestland				Rangeland		Water	Barrenland	Total		
	Built up Land	Associated Non Agr-land	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland				Grassland	
Pata Dumbura 4,500	W 20	0	320	0	0	0	20	170	20	20	0	10	0	10	0	30	0	550
	I 0	0	2,880	0	0	180	770	50	50	20	0	10	0	0	0	30	0	3,950
	D																0	0
	T 20		3,200			200	940	70	20	20		10		10		30		4,500
Kundasale 8,320	W 100	0	2,280	0	660	1,300	670	950	290	290	10	0	0	40	0	170	10	6,590
	I 30		580	450	280	30	240	120				30						1,730
	D																	0
	T 100		2,860	450	940	1,330	910	1,070	290	290	10	30		40		170	10	8,320
Panwila 9,480	W 250		3,530			0	30	0			1,930	180		610	220	60	30	6,940
	I 250		730		10	70	690				150	270		180	160			2,540
	D																	0
	T 500		4,260		10	100	690				2,080	450		790	380	60	30	9,480
Made Dumbura 17,980	W 30		1,040	1,700	50	540	550	500			160	20		80				4,670
	I 20	0	1,460	2,040	0	110	910	2,620	570	1,960	1,240		40	670	550	320	30	13,310
	D																	
	T 50		2,500	3,740	160	1,310	1,460	3,120	570	2,120	1,260		40	750	550	320	30	17,980
Uda Dumbura 28,990	W 960		390		60	1,980	5,060	740	9,920	2,620	310		310	5,350	1,160	150	290	28,990
	I 960																	
	D																	
	T 960		390		60	1,980	5,060	740	9,920	2,620	310		310	5,350	1,160	150	290	28,990
Mimpe 2,230	W 400						5,400	2,600	970	4,950	2,680		10	3,970	490	760	70	22,300
	I 400																	
	D																	
	T 400						5,400	2,600	970	4,950	2,680		10	3,970	490	760	70	22,300
Pata Hewaheta 15,600	W 780		1,960		150	320	520			260	90		90	110	460			4,740
	I 60	0	2,240	940	0	2,190	440	960	2,560	1,060	90	0	0	160	0	140	20	10,860
	D																	0
	T 60		3,020	2,900	2,190	590	1,280	3,080	1,060	350	90		90	270	460	140	20	15,600

Table 4.3-1 LAND USE DATA (6/16)

Kandy District		(Unit: ha)																		
Division		Urbanland		Agricultural Land					Forestland				Rangeland		Water	Barrenland	Total			
		Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations				Scrubland	Grassland	
Uda Palata	W	90		3,620	7,490		30	710	930	3,300	60	450	190	340	130	340	230	40	17,950	
	I																			
	D																			
	T	90		3,620	7,490		30	710	930	3,300	60	450	190	340	130	340	230	40	17,950	
Ganga Ihala	W	30		1,400	3,430	20		780	700	1,970	30	440	290	80	80	140	50	40	9,480	
	I																			
	D																			
	T	30		1,400	3,430	20		780	700	1,970	30	440	290	80	80	140	50	40	9,480	
Pabage	W	100		1,110	3,650			300	190	2,260	50	980	270	290	550	2,050	150		11,950	
	I																			
	D																			
	T	100		1,110	3,650			300	190	2,260	50	980	270	290	550	2,050	150		11,950	
Kandy	W	970	80	27,650	24,460	2,970	1,270	7,380	9,580	14,400	530	5,070	1,250	960	1,770	3,650	950	140	103,080	
	I	140	20	9,510	4,880		2,600	1,680	11,020	13,880	3,360	17,160	6,870	420	10,340	2,360	1,400	410	86,050	
	D																		0	
Total		1,110	100	37,160	29,340	2,970	3,870	9,060	20,600	28,280	3,890	22,230	8,120	0	1,380	0	2,350	0	550	189,130

Note: W : Wet Zone
I : Intermediate Zone
D : Dry Zone
T : Total

Source: Survey Department, Study Team

Table 4.3-1 LAND USE DATA (7/16)

Nuwara Eliya District

Division	Urbanland		Agricultural Land										Forestland				Rangeland		Water	Barrenland	Total
	Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland	Grassland						
Ambagamuwa W	280		2,440	21,510	300		40	140	2,150	90	9,990	3,250	1,920	1,590	1,870	1,920	210	47,700			
Korale I																	0	0			
47,700 D																	0	0			
T	280		2,440	21,510	300		40	140	2,150	90	9,990	3,250	1,920	1,590	1,870	1,920	210	47,700			
Nuwara Eliya W	460	20	1,270	19,290	0	0	10	10	490	1,660	11,370	2,540	3,120	1,760	3,200	440	100	45,740			
47,900 I			40	770				0	30	290	470	110	240	20	190			2,160			
D																	0	0			
T	460	20	1,310	20,060			10	10	520	1,950	11,840	2,650	3,360	1,780	3,390	440	100	47,900			
Kotmale W	40		2,470	10,670			270	990	900	280	2,600	850	550	830	300	400	40	21,190			
21,190 I																	0	0			
D																	0	0			
T	40		2,470	10,670			270	990	900	280	2,600	850	550	830	300	400	40	21,190			
Uda W			340	1,000		10	10	180	330	100	2,300	260	70	30	230		30	4,880			
Hewaheta I	10		1,950	2,470	0	300	160	1,770	2,410	4,170	2,050	450	500	870	710	250	0	18,070			
22,950 D																					
T	10		2,290	3,470		310	170	1,950	2,740	4,270	4,350	710	570	900	930	250	30	22,950			
Walapane W																	0	0			
30,600 I	10		2,890	6,870				2,260	2,320	3,850	1,630	3,110	1,190	4,780	1,070	490	130	30,600			
D																	0	0			
T	10		2,890	6,870				2,260	2,320	3,850	1,630	3,110	1,190	4,780	1,070	490	130	30,600			
Nuwara Eliya W	780	20	6,520	52,470	300	10	330	1,320	3,870	2,130	26,260	6,900	5,660	4,210	5,590	2,760	380	119,510			
District I	20		4,880	10,110		300	160	4,030	4,760	8,310	4,150	3,670	1,930	5,670	1,970	740	130	50,830			
D																		0			
Total	800	20	11,400	62,580	300	310	490	5,350	8,630	10,440	30,410	10,570	0	7,590	0	9,880	510	170,340			

Note:

W : Wet Zone
 I : Intermediate Zone
 D : Dry Zone
 T : Total
 Source: Survey Department, Study Team

Table 4.3-1 LAND USE DATA (8/16)

1803-7-51 LAND USE DATA (8/10)

Kegalla District		(Unit: ha)															
Division	Urbanland Built up Associated Land	Homesteads Non Agr-land	Tea	Rubber	Agricultural Land			Forestland			Rangeland			Water	Barrenland	Total	
					Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland				Grassland
Rambukkana W 12,510 I D			1,820	10	1,730	5,290	270	2,030	10	520	20	10	590	60	20	130	12,510
T			1,820	10	1,730	5,290	270	2,030	10	520	20	10	590	60	20	130	12,510
Warakapola W 19,670 I D	30		6,280	40	6,620	2,520	260	1,730		1,610	150	10	110	40		130	19,670
T	30		6,280	40	6,620	2,520	260	1,730		1,610	150	10	110	40		130	19,670
Galigamuwa W 14,760 I D			4,480	160	5,490	1,300	390	1,150		1,480	210	30		50		20	14,760
T			4,480	160	5,490	1,300	390	1,150		1,480	210	30		50		20	14,760
Kegalle W 10,510 I D	40		4,560	70	2,780	680	220	1,160		760		120	80		40		10,510
T	40		4,560	70	2,780	680	220	1,160		760		120	80		40		10,510
Mawanella W 10,820 I D			4,110	150	2,180	410	1,150	1,810		820	40	70		0		50	10,820
T			4,110	150	2,180	410	1,150	1,810		820	40	70		0		50	10,820
Aranayake W 11,740 I D	30		4,060	320	1,830	30	1,010	1,200	10	2,230	450	390	30	40	50	10	11,740
T	30		4,060	320	1,830	30	1,010	1,200	10	2,230	450	390	30	40	50	10	11,740
Ruwanwella W 14,470 I D	20		4,320		7,670	200	110	630		1,270	70	10	10	10		120	14,470
T	20		4,320		7,670	200	110	630		1,270	70	10	10	10		120	14,470
Yatyanota W 24,620 I D	10		5,610	2,510	7,500	130	1,600	380		2,760	2,420	860	20	540	90	150	24,620
T	10		5,610	2,510	7,500	130	1,600	380		2,760	2,420	860	20	540	90	150	24,620

Table 4.3-1 LAND USE DATA (9/16)

Kegalla District																	(Unit: ha)			
Division		Urbanland		Agricultural Land					Forestland				Rangeland		Water	Barrenland	Total			
		Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations				Scrubland	Grassland	
Dehiowila	W			4,790	980	9,880	90	1,580	640		4,990		100	20		100	80	23,250		
	I																0			
	D																0			
	T			4,790	980	9,880	90	1,580	640		4,990		100	20		100	80	23,250		
Deraniyagala	W			4,240	1,420	3,390	130	1,630	150		4,530	4,880	850	110	190	110	130	21,760		
	I																0			
	D																0			
	T			4,240	1,420	3,390	130	1,630	150		4,530	4,880	850	110	190	110	130	21,760		
Kegalle District	W	90	40	44,270	5,660	49,070	10,780	8,220	10,880	20	20,970	8,240	2,450	970	930	200	500	164,110		
	I																0			
	D																0			
Total		90	40	44,270	5,660	49,070	10,780	8,220	10,880	20	20,970	8,240	2,450	0	970	0	200	0	500	164,110

Note: W : Wet Zone
I : Intermediate Zone
D : Dry Zone
T : Total

Source: Survey Department, Study Team

Table 4.3-1 LAND USE DATA (10/16)

Raunapura District

Division	Urbanland			Agricultural Land							Forestland				Rangeland		Water	Barrenland	Total
	Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed		Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland	Grassland			
							Tree and Other Peren												
Eheliyagoda 12,840	W			2,450	140	6,950	40	320	1,050	450		1,070	50		150	20	150	12,840	
	I																	0	
	D																	0	
T			2,450	140	6,950	40	320	1,050	450		1,070	50		150	20	150		12,840	
Kuruwita 25,940	W	60	6,930	810	7,530	100	210	3,580	3,890		1,720	550	90	370		100		25,940	
	I																	0	
	D																	0	
T		60	6,930	810	7,530	100	210	3,580	3,890		1,720	550	90	370		100		25,940	
Avagama 15,030	W	10	1,350	560	3,650	20	1,010	430	5,120		920	920	10	670		190	140	15,030	
	I																	0	
	D																	0	
T		10	1,350	560	3,650	20	1,010	430	5,120		920	920	10	670		190	140	15,030	
Nivulgala 15,520	W		3,020	1,130	3,820		220	1,090	3,560		2,000	210	50	270		50	100	15,520	
	I																	0	
	D																	0	
T			3,020	1,130	3,820		220	1,090	3,560		2,000	210	50	270		50	100	15,520	
Eliapatha 9,510	W		1,490	380	4,690	10	240	910	1,130		80	220	10	350				9,510	
	I																	0	
	D																	0	
T			1,490	380	4,690	10	240	910	1,130		80	220	10	350				9,510	
Pelmadulla 14,450	W		2,880	1,950	3,330	40	410	1,420	3,010		710	390		130	130	50		14,450	
	I																	0	
	D																	0	
T			2,880	1,950	3,330	40	410	1,420	3,010		710	390		130	130	50		14,450	
Raunapura 31,850	W	80	3,150	3,020	2,590	10	610	850	8,750		10,960	1,120	390	110	10	200		31,850	
	I																	0	
	D																	0	
T		80	3,150	3,020	2,590	10	610	850	8,750		10,960	1,120	390	110	10	200		31,850	
Imbulpe 23,140	W	10	1,980	2,230		20	20	570	3,130		4,010	420	160	1,230	730	150	100	13,600	
	I		420	550		10	20	660	1,140		1,300	2,360	540	1,130	1,410			9,540	
	D																	0	
T		10	2,400	2,780		10	40	90	4,270		5,310	2,780	700	2,360	2,140	150	100	23,140	

Table 4.3-1 LAND USE DATA (11/16)

Raunapura District																	(Unit: ha)		
Division	Urbanland		Agricultural Land						Forestland			Rangeland		Water	Barrenland	Total			
	Built-up Land	Associated Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Pecen	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland				Grassland		
Balangoda	W	130	2,390	2,620		10	70	1,220	5,170	20	1,220	250		1,040	240	350	10	14,740	
27,210	I		540				10	630	2,410		800	3,730		1,700	200			10,020	
	D		240					410	820		30	190		710		50		2,450	
	T	130	3,170	2,620		10	80	2,260	8,400	20	2,050	4,170		3,450	440	400	10	27,210	
Welligepola	W		1,280	300	130	530	30	540	4,320		1,530	390		410	60	10	40	9,570	
20,360	I		550			170		130	6,410		160	850		880	230	10	30	9,420	
	D								600					380	50	330	10	1,370	
	T		1,830	300	130	700	30	670	11,330		1,690	1,240		1,670	340	350	80	20,360	
Oparayaka	W		2,290	420	750		30	300	2,820		690	300		40			40	7,680	
7,680	I																	0	
	D																	0	
	T		2,290	420	750		30	300	2,820		690	300		40			40	7,680	
Godakawela	W	10	2,560	2,130	1,050	2,290	180	1,410	4,520		720	300		50	170			15,390	
16,710	I		460				10	40	800		10							1,320	
	D																	0	
	T	10	3,020	2,130	1,050	2,290	190	1,450	5,320		730	300		50	170			16,710	
Kalawana	W		1,160	970	710	30	480	1,880	14,970		16,980	1,120		480	810	10	190	40	39,830
39,830	I																	0	
	D																	0	
	T		1,160	970	710	30	480	1,880	14,970		16,980	1,120		480	810	10	190	40	39,830
Kahawatta	W		2,530	2,660	630	50	180	370	2,310		1,520	90		120		20		10,480	
10,480	I																	0	
	D																	0	
	T		2,530	2,660	630	50	180	370	2,310		1,520	90		120		20		10,480	
Kolonna	W		1,660	1,200		10	30	670	5,360		1,620	290		80	90	30		11,040	
19,360	I		2,930	30		30	40	390	4,610		160	70		40	20			8,320	
	D																	0	
	T		4,590	1,230	0	40	70	1,060	9,970	0	1,780	360		80	130	50		19,360	

Table 4.3-1 LAND USE DATA (12/16)

Ratnapura District															(Unit: ha)	
Division	Urbanland			Agricultural Land					Forestland			Rangeland			Water	Barrenland
	Built up Land	Associated Homesteads	Tea	Rubber	Cocoonus	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland	Grassland		
Embilipitiya W																0
37,630 I		2,300	10		50	70	470	6,880	10	120	110		220			100
D	20	7,920	190		330	30	5,320	9,390	310	100	140	460	950	10	2,120	10,340
T	20	10,220	200		380	100	5,790	16,270	320	220	250	460	1,170	10	2,120	27,290
																37,630
Ratnapura W	240	37,120	20,520	35,830	3,140	4,040	15,150	68,510	20	45,750	6,620	1,320	5,960	1,230	1,440	247,470
I		7,200	590		260	150	2,320	22,250	10	2,550	7,120	540	3,970	1,860	10	48,960
D	20	8,160	190		330	30	5,730	10,810	310	130	330	460	2,040	60	2,500	31,110
Total	260	90 0 52,480	21,300	35,830	3,730	4,220 0 23,200	101,570	340 0 48,430	14,070 0	2,320 0	11,970	3,150 0	3,950 0	630		327,540

Note: W : Wet Zone
I : Intermediate Zone
D : Dry Zone
T : Total
Source: Survey Department, Study Team

Table 4.3-1 LAND USE DATA (13/16)

Division		Badulla District															(Unit: ha)	
		Urbanland		Agricultural Land											Rangeland			
		Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland	Grassland		
Mahiyangana		W	70	0	4,560				4,790	15,710	560	860	9,260	180	2,480	1,030	330	39,830
62,040		I		10	180				40	14,060	270	3,930	2,650		140	660	270	22,210
		D																
		T	70	10	4,740				4,830	29,770	830	4,790	11,910	180	2,620	1,690	600	62,040
Ridimaliyadda		W																0
42,390		I	70		5,030		100		3,250	14,590	530	1,090	10,820	220	5,100	360	810	42,390
		D																0
		T	70		5,030		100		3,250	14,590	530	1,090	10,820	220	5,100	360	810	42,390
Kandeketiya		W																0
15,660		I			1,440	400	240		20	2,360	7,580	60	210	1,400	70	1,570	40	270
		D																15,660
		T			1,440	400	240		20	2,360	7,580	60	210	1,400	70	1,570	40	270
																		15,660
Migabakivula		W																0
10,100		I			1,340	550	20		770	5,360		70	860	10	1,030	90		10,100
		D																0
		T			1,340	550	20		770	5,360		70	860	10	1,030	90		10,100
Soranatoza		W																0
6,830		I			1,190	950			70	490	2,810	20	90	680	20	350	120	40
		D																6,830
		T			1,190	950			70	490	2,810	20	90	680	20	350	120	40
																		6,830
Passara		W																0
26,970		I	10		2,350	7,630			20	1,020	7,480	50	870	2,640	1,080	1,210	2,590	20
		D																26,970
		T	10		2,350	7,630			20	1,020	7,480	50	870	2,640	1,080	1,210	2,590	20
Uva		W			230	100			200	240	250	20	70	30	130	30		1,300
Paranagama		I			2,740	2,580			40	1,630	2,400	1,250	220	70	450	260	110	12,030
13,330		D																0
		T			2,970	2,680			40	1,830	2,640	1,500	240	70	340	480	390	140
																		13,330
Hali-Ela		W			3,630	6,250			30	1,290	2,010	450	680	220	270	800	850	120
16,600		I																16,600
		D																0
		T			3,630	6,250			30	1,290	2,010	450	680	220	270	800	850	120
																		16,600

Table 4.3-1 LAND USE DATA (14/16)

Badulla District																	(Unit: ha)		
Division	Urbanland			Agricultural Land				Forestland				Rangeland			Water	Barrenland	Total		
	Built up Land	Associated Non Agr-land	Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland				Grassland	
Badulla 5,180	W	230		1,090	2,830			60	390	440	10	10	30	20	20	10	10	5,180	
	I																	0	
	D																	0	
T	230		1,090	2,830			60	390	440	10	10	30	20	20	10	10	10	5,180	
Wellimada 18,040	W	20		2,020	820				940	870	1,230	1,740	220	1,730	60	940	80	10,670	
	I	0		2,190	1,500				930	960	340	160	70	770	0	420	30	7,370	
	D																	0	
T	20		4,210	2,320				1,870	1,830	1,570	1,900	290	2,500	60	1,360	110		18,040	
Haputale 4,340	W																	0	
	I	330		1,110	1,580				270	270	10	10		330	40	380	10	4,340	
	D																	0	
T	330		1,110	1,580				270	270	10	10		330	40	380	10		4,340	
Bandarawela 7,030	W																	0	
	I	130		2,360	1,970			40	500	400	50	40	30	620	260	620	10	7,030	
	D																	0	
T	130		2,360	1,970			40	500	400	50	40	30	620	260	620	10		7,030	
Ella 10,620	W																	0	
	I			1,510	4,210				520	1,390		290	510	490	610	1,090		10,620	
	D																	0	
T			1,510	4,210				520	1,390		290	510	490	610	1,090			10,620	
Haldummulla 43,070	W																	0	
	I	250		20	350				40	40		490	70	10	140	200	10	1,330	
	D	610		2,240	4,300	600		240	610	6,060	1,180	8,490	4,020	6,730	840	1,190	80	36,790	
T			2,260	4,650	600		240	620	7,860	1,180	10,660	5,040	6,740	1,120	1,390	80	43,070		
Badulla District	W	250		6,990	10,350			90	2,820	3,600	1,940	2,940	540	2,100	1,050	2,130	260	35,080	
	I	610		28,060	25,670	960		430	17,140	65,010	4,050	12,400	30,360	10,790	12,910	8,100	2,480	219,960	
	D	0		180					50	15,820	270	5,610	3,600		280		660	680	
Total		860	10	35,230	36,020	960	0	520	20,010	84,430	6,260	20,950	34,500	12,890	14,240	10,230	3,400	1,690	282,200
Note:																			

Note: W : Wet Zone
I : Intermediate Zone
D : Dry Zone
T : Total

Source: Survey Department, Study Team

Table 4.3-1 LAND USE DATA (15/16)

Monaragala District																(Unit: ha)			
Division		Urbanland				Agricultural Land				Forestland				Rangeland		Wetland		Total	
		Built up Land	Associated Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland	Grassland	Marsh	Water		Barrenland
Bibile	W																		
48,360	I	5,200	90	430	140	1,510	6,760	150	3,460	21,600	70	2,330	5,370	620	630	48,360			0
	D																		0
	T	5,200	90	430	140	1,510	6,760	150	3,460	21,600	70	2,330	5,370	620	630	48,360			0
Medagama	W																		0
25,350	I	5,130				1,700	9,550	10	380	3,350		1,850	3,150	220	10	25,350			0
	D																		0
	T	5,130				1,700	9,550	10	380	3,350		1,850	3,150	220	10	25,350			0
Monaragala	W																		0
25,510	I	840		390	360	80	510		860	580		80	190			4,050			0
	D	3,970		1,270	50	10	10,230	10	2,250	1,480		20	1,600	10		21,460			0
	T	4,810		1,660	50	370	300	10,740	10	3,110	2,060	20	1,680	200		25,510			0
Badalkumbra	W																		0
25,480	I	5,640	1,040	480		870	6,430		1,340	780		70	8,160	270	340	60	25,480		0
	D																		0
	T	5,640	1,040	480		870	6,430		1,340	780		70	8,160	270	340	60	25,480		0
Buttala	W																		0
56,410	I	2,310		180		2,060	4,540	20	2,680	1,570		1,580		190	80	15,210			0
	D	850				150	4,730		31,380	2,870		340	20	50	200	41,200			0
	T	3,160		180		2,210	9,270	20	34,060	4,440		340	20	50	280	56,410			0
Wellawaya	W																		0
71,900	I	3,170					740	220	250	2,640		700	230	130	120	9,600			0
	D	2,200		10	20	50	37,170	360	10,390	700		1,130	5,680	70	520	62,300			0
	T	5,370		10	20	50	37,910	580	10,640	3,340		1,830	6,850	300	640	71,900			0
Maddulla	W																		0
72,340	I	20							260	60		230				570			0
	D	6,200		10		590	17,520	10	16,520	5,580		40	3,550	2,050	520	57,880			0
	T	190					3,400		750	4,230			530	2,690	600	13,890			0
	T	6,410		10		590	20,920	10	17,530	9,870		40	7,020	4,080	1,120	72,340			0

Table 4.3-1 LAND USE DATA (16/16)

Monaragala District

Division	Urbanland				Agricultural Land							Forestland				Rangeland		Wetland		Water		Barrenland	Total
	Built up Land		Associated Non Agr-land		Homesteads	Tea	Rubber	Coconuts	Mixed Tree and Other Peren	Paddy	Sparsely Used	Other	Dense Forest	Open Forest	Forest Plantations	Scrubland	Grassland	Marsh					
Thanamalwila	W																						
135,650	I			190						30	500		770	380		400	40			60	40		
	D	100	140	3,310				190		3,540	52,340	2,270	44,660	9,100		3,340	8,550	170	280	3,680	1,570		
	T	100	140	3,500				190		3,570	52,840	2,270	45,430	9,480		3,740	8,590	170	280	3,740	1,610		
																					0		
Siyabalanduwa	W																						
104,930	I			5,900						1,270	22,930		12,770	850		50	2,690	230		900	270		
	D	40		2,260						490	8,970		38,510	2,130			2,710	340	60	640	460		
	T	40		8,160						1,760	31,910		51,600	3,080		50	5,400	570	60	1,540	760		
																					104,930		
Monaragala District	W			860						80	520		1,440	740			310	190			190		
	I			37,710						8,250	79,200	420	40,420	38,230		1,350	24,710	12,810	230	4,790	1,790		
	D	140	140	8,810				50	20	6,600	106,610	2,630	125,690	19,030		4,810	19,050	1,130	630	8,350	3,350		
	T	140	140	47,380				70	750	14,930	186,330	3,050	167,550	58,000	0	6,160	44,070	14,130	860	13,140	5,330		
Total		140	140	0	47,380	1,130	2,770	70	750	0	14,930	186,330	3,050	0	167,550	58,000	0	6,160	0	44,070	14,130	0	
	W																						

Note: W : Wet Zone

Note: W : Wet Zone
I : Intermediate Zone
D : Dry Zone
T : Total
Source: Survey Department, Study Team

Table 4.3-2 PADDY STATISTICS 1990/91 MAHA SEASON (1/3)

	Gross Extent Sown in ha.				Gross Extent harvested in ha.				Average Yield Per Nett ha.				Nett Extent Harvested 000 mt	Total Prodn 000 mt	
	Major		Total		Major		Total		Major		Total				
	Sch	Minor	Rainfed	Sch	Sch	Minor	Rainfed	Sch	Sch	Minor	Rainfed	Average			
Central Province															
Kandy	4,094	8,144	6,917	19,155	4,093	8,137	6,913	19,143	4,506	3,325	2,770	3,377	15,138	51	
Matale	4,398	6,875	3,017	14,291	4,396	6,865	3,017	14,277	4,342	4,698	4,306	4,506	12,839	58	
Nuwara-Eliya	942	5,115	115	6,171	938	5,111	115	6,165	4,627	3,802	2,790	3,908	3,474	14	
Uva Province															
Badulla	9,713	8,826	1,704	20,243	9,706	8,814	1,637	20,157	3,824	4,304	3,392	3,999	17,133	69	
Moneragala	5,415	4,507	3,035	12,957	5,406	4,476	2,865	12,747	4,573	3,597	2,978	3,872	12,492	48	
Sabaragamuwa Province															
Ratnapura	1,422	8,578	5,087	15,087	1,398	3,914	5,012	14,827	4,719	2,794	2,681	2,937	12,603	37	
Kegalle	0	2,552	8,507	11,059	0	2,550	8,496	11,046	0	3,507	3,437	3,453	10,348	36	
Study Area	25,984	44,597	28,382	98,963	25,937	39,867	28,055	98,362	3,799	3,718	3,193	26,052	84,027	313	
Sri Lanka	191,212	107,111	123,690	422,283	188,510	105,612	122,865	416,987	4,379	3,625	2,942	3,772	369,789	1,395	

Note: North and Eastern province excluded from the national level figures due to insufficient data.

Source: Department of Census and Statistics

Table 4.3-2 PADDY STATISTICS 1990/91 MAHA SEASON (2/3)

	Gross Extent Sown in ha.				Gross Extent harvested in ha.				Average Yield Per Nett ha.				Nett Extent Harvested 000' mt	Total Prodn 000' mt
	Major		Minor		Major		Minor		Major		Minor			
	Sch	Rainfed	Sch	Total	Sch	Rainfed	Sch	Total	Sch	Rainfed	Sch	Average		
Central Province														
Kandy	3,860	6,009	4,976	14,845	3,860	5,978	4,972	14,811	4,329	2,453	2,452	2,942	11,712	34
Matale	1,449	2,308	423	4,180	1,448	2,293	420	4,161	2,890	3,309	2,587	3,090	3,742	12
Nuwara-Eliya	456	2,688	0	3,144	456	2,688	0	3,144	4,062	3,914	0	3,935	1,771	7
Uva Province														
Badulla	6,899	3,264	0	10,163	6,862	3,206	0	10,069	3,701	3,385	0	3,600	8,558	31
Moneragala	3,036	996	49	4,082	3,026	984	49	4,059	3,984	3,026	3,658	3,748	3,978	15
Sabaragamuwa Province														
Ratnapura	1,366	7,683	4,742	13,791	1,365	7,673	4,698	13,736	4,418	2,290	2,047	2,418	11,676	28
Kegalle	0	2,521	8,412	10,933	0	2,520	8,392	10,912	0	2,666	2,461	2,508	10,223	26
Study Area	17,066	25,469	18,602	61,138	17,017	25,342	18,531	60,892	3,341	3,006	1,886	3,177	51,660	153
Sri Lanka	143,719	54,162	92,566	290,446	142,092	53,505	89,313	284,910	3,670	2,687	2,250	3,041	252,955	771

Note: North and Eastern province excluded from the national level figures due to insufficient data.

Source: Department of Census and Statistics

Table 4.3-2 PADDY STATISTICS 1990/91 MAHA SEASON (3/3)

	Gross Extent Sown in ha.				Gross Extent harvested in ha.				Average Yield Per Nett ha.				Nett Extent Harvested	Total Prodn 000 mt		
	Major		Minor		Total	Major		Minor		Total	Major				Minor	
	Sch	Rainfed	Sch	Rainfed		Sch	Sch	Sch	Rainfed		Sch	Sch			Rainfed	Sch
Central Province																
Kandy	4,091	8,145	6,739	18,975	4,084	6,634	5,770	16,487	4,781	2,764	2,963	3,333	13,038	43		
Matale	4,308	7,393	3,259	14,960	4,299	6,672	2,998	13,969	4,256	3,482	3,760	3,780	12,562	47		
Nuwara-Eliya	923	5,099	124	6,146	920	5,079	108	6,107	3,044	3,378	3,260	3,326	3,441	11		
Uva Province																
Badulla	9,774	8,778	1,734	20,286	9,593	8,545	887	19,024	3,556	3,874	2,844	3,665	16,171	59		
Moneragala	5,002	3,839	3,027	11,868	5,003	2,215	1,036	8,253	4,250	2,699	2,065	3,560	8,088	29		
Sabaragamuwa Province																
Ratnapura	1,400	8,401	5,317	15,118	1,395	8,048	5,000	14,443	2,725	3,049	2,545	2,843	12,277	36		
Kegalle	0	2,499	8,530	11,029	0	2,482	8,442	10,924	0	3,659	3,268	3,357	10,233	34		
Study Area	25,498	44,154	28,730	98,382	25,294	39,675	24,241	89,207	3,230	3,272	2,958	3,409	75,810	259		
Sri Lanka	219,260	120,817	146,782	486,859	217,548	111,009	135,573	464,130	4,231	3,183	3,030	3,630	410,545	1,491		

Note: North and Eastern province excluded from the national level figures due to insufficient data.

Source: Department of Census and Statistics

Table 4.3-4 CULTIVATED EXTENTS AND PRODUCTION OF VEGETABLES(1/2) : MAHA 1989/90

District Vegetable	Kandy			Matale			Neliya			Badulla			Moneragala			Ratnapura			Kegalle			SRI LANKA			Study Area		
	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha	Ext ha	Prod mt	Yld t/ha
Bush Bean	187	655	3.5	161	644	4.0	131	655	5.0	233	932	4.0	17	68	4.0	115	345	3.0	5	35	7.0	779	2493	3.2	696	2576	3.7
Pole Bean	148	592	4.0	331	1390	4.2	9	90	9.0	923	4154	4.5	128	1024	8.0	137	1096	7.9	1642	9852	6.0	1094	13128	12.0	1550	6859	4.4
Tomato	82	820	10.0	28	308	11.0	9	90	9.0	391	4692	12.8	1	15	15.0	1096	120	1.1	35	350	10.0	651	2083	3.2	780	8065	10.3
Capsicum	28	84	3.0	30	120	4.0	51	765	25.5	110	403	3.6	315	3780	12.0	1096	120	1.1	468	4680	13.0	2886	37518	13.0	1130	15984	14.1
Brinjal	77	1155	15.0	96	1536	16.0	242	6050	25.0	177	2655	15.0	1	15	15.0	375	5625	15.0	39	390	10.0	878	14048	16.0	726	16264	22.4
Cabbage	58	1044	18.0	20	320	16.0	217	4123	19.0	390	8580	22.0	1	15	15.0	15	255	1.5	468	4680	13.0	544	7890	14.4	334	5988	17.9
Beet	16	256	16.0	6	90	15.0	217	4123	19.0	83	1328	16.0	1	15	15.0	11	176	1.1	468	4680	13.0	287	1580	5.6	280	1670	5.9
Knol khol	18	108	6.0	17	102	6.0	137	822	45.4	82	508	6.2	6	30	30.0	20	100	2.0	468	4680	13.0	800	4160	5.2	540	5278	9.7
Raddish	46	414	9.0	18	162	9.0	213	2130	10.0	146	1606	11.0	15	150	10.0	102	816	8.0	468	4680	13.0	370	4625	12.4	352	4169	11.8
Carrot	15	150	10.0	1	10	10.0	285	3420	12.0	42	504	12.0	1	15	15.0	9	85	0.9	468	4680	13.0	434	6575	15.2	434	8551	19.7
Leek	15	225	15.0	1	10	10.0	398	7960	20.0	17	306	18.0	203	609	3.0	233	233	2.3	42	420	11.0	2468	6417	26.4	623	1356	2.1
Long Bean	50	150	3.0	50	125	2.5	26	78	3.0	19	48	2.5	111	222	2.0	233	233	2.3	113	1130	25.5	742	1781	2.4	184	357	1.9
Bushitavo	19	35	1.8	42	75	1.8	12	25	2.0	20	320	16.0	108	1404	12.8	121	1452	12.0	403	4030	9.0	1085	15190	13.9	372	4845	13.0
Luffa	46	644	14.0	35	490	14.0	11	132	12.0	20	320	16.0	108	1404	12.8	121	1452	12.0	403	4030	9.0	1085	15190	13.9	372	4845	13.0
Bitter Gourd	75	1125	15.0	58	870	15.0	17	204	12.0	38	494	13.0	102	1224	12.0	120	1740	14.5	280	2800	35.0	1276	17226	43.0	430	5937	13.8
Snake Gourd	42	630	15.0	42	600	14.3	11	132	12.0	18	252	14.0	72	936	13.0	47	517	11.0	228	2280	28.0	1104	13800	25.1	251	3295	13.1
Okra	48	312	6.5	54	297	5.5	27	122	4.5	78	468	6.0	1	15	15.0	450	1890	4.2	43	430	10.0	2633	10795	6.9	699	3132	4.4
Cucumber	27	405	15.0	85	1190	14.0	27	122	4.5	14	168	12.0	1	15	15.0	66	726	6.6	42	420	10.0	815	10180	19.2	192	2489	12.9
Pumpkin	2	35	17.5	120	1920	16.0				82	1394	17.0				110	1980	18.0				1061	18050	31.4	58	5329	16.9
Butternut				58	638	11.0																128	1280	5.8	638	11.00	
Winged Bean	11	45	4.1	18	65	3.6																41	150	3.7	29	110	3.7
Spinach	8	120	15.0																			89	1250	15.6	12	172	14.3
Leafy Vegetabl	22	550	25.0	18	378	21.0																363	13356	60.3	40	928	23.2

Source: Technology Transfer Division, Department of Agriculture.

Table 4.3-4 CULTIVATED EXTENTS AND PRODUCTION OF VEGETABLES(2/2) : YALA 1989/90

District Vegetable	Kandy		Matale		Neliya		Badulla		Moneragala		Ratnapura		Kegalle		SRI LANKA		Study area	
	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt	Ext ha	Prod mt
Bush Bean	407	936	272	680			120	300	2	5	122	281			940	2350	923	2202
Pole Bean	267	1095	33	132			673	3230	53	212					1041	4372	1026	4669
Tomato	316	3792	337	4044			280	3080	59	472	128	1152			1272	13992	1120	12540
Capsicum	90	333	91	91			53	186	23	23	81	81			655	2686	338	714
Brinjal	301	4214	48	624			109	1744	103	1236	154	1925			1754	24907	715	9743
Cabbage	356	7476	51	1122			272	6528	7	105	20	360			742	16324	706	15591
Beet	150	1950	28	392			90	1440	5	52	13	156			459	6518	286	3990
Knol Khol	227	931	45	158			158	588	10	35	21	95			473	2270	461	1807
Raddish	303	1818	30	156			114	855	11	72	77	550			733	3738	535	3451
Carrot	106	1272					280	3780			5	50			392	4900	391	5102
Leek							375	6750							375	6750	375	6750
Long Bean	63	126	85	195			12	12	65	137	208	252			1301	2732	433	722
Bushiaavo	3	7	72	158			4	9	11	25					477	10509	90	199
Luffa	121	1815	55	825			11	132	35	490	91	1092			715	9438	313	4354
Bitter Gourd	233	3612	84	1319			19	243	38	456	98	1372			968	13650	472	7002
Snake Gourd	261	3967	47	696			11	132	59	773	48	528			1012	13560	426	6096
Okra	209	1045	177	850			31	140	73	299	218				1833	8615	708	2334
Cucumber	108	1404	71	852			7	84	7	80	15	202			728	10150	208	2622
Pumpkin	5	85	75	1350			13	234			39	741			464	8584	132	2410
Butternut			109	1526											114	1596	109	1526
Winged Bean	15	65	6	26											65	325	21	91
Spinach															184	2576	0	0
Leafy Vegetab																		

Source: Technology Transfer Division, Department of Agriculture.

Table 4.3-5 STATISTICS ON SUGAR PRODUCTION 1990 ~ 1991

Item	Unit	Sevanagala		Palawatta		Total in the Study area		National Total		Percentage Study Area	
		1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
Total area under cane (with ratoons)	ha	1,978	2,847	4,568	5,707	6,546	8,554	10,534	12,499	62.1%	68.4%
Area Harvested	ha	1,091	1,335	3,983	4,372	5,074	5,707	8,114	8,447	62.5%	67.6%
Cane Harvested	mt	107,072	121,701	189,903	238,058	296,975	359,759	453,184	483,723	65.5%	74.4%
Average Yield	mt/ha	98	91	49	54	73	73	56	57		
Private cane Purchased	mt	1,244	661	249,464	326,083	250,708	326,744	306,586	372,646	81.8%	87.7%
Sugar Production (without sweepings)	mt	9,641	10,554	33,020	43,968	42,661	54,522	57,165	66,440	74.6%	82.1%
Sugar Recovery Rate	%	8.95	8.63	7.52	7.79			7.52	7.75		

Notes: 1991 figures are provisional. Total area includes nucleus estates and allottees
Source: Annual Report 1991, Central Bank of Sri Lanka

Table 4.3-6 CULTIVATED EXTENTS UNDER EXPORT AGRICULTURAL CROPS (1/2)

	Cocoa	Coffee	Cinnamon	Cardamom	Pepper	Clove	Nutmeg	Citronella	Total
	(Unit: ha)								
Central Province									
Kandy	11,439	6,259	0	6,556	7,233	5,510	3,966	0	40,963
Matale	16,173	4,385	0	2,559	5,587	3,064	232	0	32,000
Nuwara-Eliya	0	1,946	0	1,206	718	562	15	0	4,447
Uva Province	3,141	5,615	0	92	3,037	1,021	25	0	12,931
Badulla									
Moneragala									
Sabaragamuwa Province									
Ratnapura	28	854	3,761	1,004	1,815	1,807	158	7	9,434
Kegalle	819	3,102	0	1,505	3,668	4,817	1,248	0	15,159
Study Area	31,600	22,161	3,761	12,922	22,058	16,781	5,644	7	114,934
Sri Lanka	38,637	29,393	40,908	13,487	29,829	20,446	6,147	15,399	194,246
Percent Study Area	81.8%	75.4%	9.2%	95.8%	73.9%	82.1%	91.8%	0.0%	59.2%

Source: Administration Report 1991, Department of Export Agriculture

Table 4.3-6 CULTIVATED EXTENTS UNDER EXPORT AGRICULTURAL CROPS (2/2)

1990 - 1991

COMMODITY	1990		1991	
	VOLUME (MT)	VALUE (Rs.Mn)	VOLUME (MT)	VALUE (Rs.Mn)
1. Cinnamon	6,500.5	118.1	7,889.4	1,436.2
2. Cinnamon Leaf Oil	46.2	13.0	107.4	29.2
3. Cinnamon Bark Oil	0.7	7.4	2.5	35.1
4. Clove	2,286.1	235.2	1,036.8	63.7
5. Cocoa	174.9	8.5	108.7	3.6
6. Coffee	1,496.0	44.5	2,710.9	77.7
7. Pepper	1,242.0	99.7	2,058.3	139.0
8. Cardamon	32.7	1,079.0	29.0	6.9
9. Nutmeg/Mace	269.9	22.7	489.3	24.4
10. Nutmeg Oil	2.6	2.3	4.5	3.5
11. Cardamon Oil	0.2	1.1	0.5	3.6
12. Citronella	49.6	8.5	55.0	11.9
13. Pepper Oil	6.7	1.8	1.8	2.0
14. Arecanut	3,077.4	78.9	2,585.2	92.4
15. Betel	2,491.4	80.7	2,332.4	77.0
TOTAL	17,676.9	1,801.4	19,411.7	2,006.2

Table 4.3-7 TEA-REGISTERED EXTENT BY DISTRICT : 1991

Province District	Estate Sector			Small Holdings Sector			Total	
	No of Estates	Extent ha	Percentage	No of Holdings	Extent ha	Percentage	Extent ha	Percentage
Central								
Kandy	1104	49241	30.6	49946	19623	32.34	68864	31.06
Matale	177	5980	3.71	1713	888	1.46	6868	3.1
N'Eliya	242	36149	22.5	10511	3689	6.01	39838	17.97
Uva								
Badulla	397	29194	18.1	11906	5067	8.35	34261	15.46
Moneragala								
Sabaragamuwa								
Ratnapura	437	15273	9.49	14526	7286	12	22559	10.18
Kegalle	209	6252	3.88	12607	4019	6.63	10271	4.63
Study Area	2566	142089	88.28	101209	40572	66.79	182661	82.4
Sri Lanka	3661	161018		156545	60673		221691	

Source: Sri Lanka Tea Board

Table 4.3-8 RUBBER-REGISTERED EXTENT BY DISTRICT : 1982

Province District	Estate Sector			Small Holdings Sector			Total	
	No of Estates	Extent ha	Percentage	No of Holdings	Extent ha	Percentage	Extent ha	Percentage
Central								
Kandy	32	807	0.7	1203	1295	2.2	2102	1.2
Matale	99	3726	3.4	720	644	1	4370	2.6
N'eliya	6	186	0.2	44	36	0.1	39838	0.1
Uva								
Badulla	20	901	0.8	48	57	0.1	958	0.6
Moneragala	24	2068	2	102	99	0.2	2167	1.3
Sabaragamuwa								
Ratnapura	425	18858	17.1	9263	10130	17.3	28988	17.2
Kegalle	459	28927	26.2	17941	16458	28.1	45386	26.9
Study Area	1065	55473	50.4	29321	28719	49	123809	49.9
Sri Lanka	2357	110393		62937	58774		169166	

Source: Rubber Control Department

Table 4.3-9 COCONUT-REGISTERED EXTENT BY DISTRICT : 1982

Province District	Estate Sector			Small Holdings Sector			Total	
	No of Estates	Extent ha	Percentage	No of Holdings	Extent ha	Percentage	Extent ha	Percentage
Central								
Kandy	97	1578	19.00	14478	6728	81.00	8306	2.00
Matale	160	2416	25.99	14277	6880	74.01	9296	2.23
N'eliya	5	6	0.72	2092	828	99.28	834	0.20
Uva								
Badulla	18	34	3.84	1348	847	95.71	885	0.21
Moneragala	10	33	0.79	12321	4139	99.21	4172	1.00
Sabaragamuwa								
Ratnapura	175	973	7.83	35292	11456	92.17	12429	2.99
Kegalle	223	1764	8.64	47972	18656	91.36	20420	4.91
Study Area	688	6804	66.81	127780	49534		56342	13.54
Sri Lanka	6280	103129		698168	313124		416253	

Source: Ministry of Coconut Industries and Crop Diversification

Table 4.3-10 PADDY AREA UNDER VARIOUS CULTURAL PRACTICES

District	Season	Land preparation			Direct Seeding			Transplanted		Weed Control			
		Buffalo	Manual	Tractor	DrySow	MudSow	Row	Random	Row	Manual	Rotary	Chemical	
Kandy													
	Maha	15,690	2,800	700	0	1,500	0	14,890	2,800	12,500	500	1,400	
	Yala	12,130	2,000	700	0	2,700	0	10,030	2,100	2,100	500	1,900	
Matale													
	Maha	11,340	100	4,550	250	8,040	0	6,800	900	5,550	800	4,500	
	Yala	4,100	100	900	0	2,600	0	2,300	200	2,200	200	850	
Nuwara-Eliya													
	Maha	4,900	1,850	0	0	950	0	5,400	400	1,050	400	0	
	Yala	2,450	1,350	0	0	450	0	2,900	450	550	450	0	
Badulla													
	Maha	11,750	2,150	1,900	0	4,000	0	8,500	3,300	6,100	3,300	2,900	
	Yala	5,300	800	600	0	3,075	0	3,100	525	4,150	525	1,550	
Moneragala													
	Maha	9,950	750	3,750	550	0	150	3,100	10,650	1,600	150	8,100	
	Yala	2,420	195	1,985	0	0	50	775	3,775	510	50	3,145	
Ratnapura													
	Maha	6,000	8,050	2,450	0	12,000	100	4,330	70	5,100	705	7,200	
	Yala	5,850	6,750	2,200	50	11,600	100	3,000	50	4,415	580	4,430	
Kegalle													
	Maha	10,050	800	300	0	2,800	25	8,175	150	3,000	175	75	
	Yala	9,600	800	400	0	4,200	25	6,475	100	4,300	125	100	
Study Area													
	Maha	69,680	16,500	13,650	800	29,290	275	51,195	18,270	34,900	6,030	24,175	
	Yala	41,850	11,995	6,785	50	24,625	175	28,580	7,200	18,225	2,430	11,975	
	Year	111,530	28,495	20,435	850	53,915	450	79,775	25,470	53,125	8,460	36,150	
Sri Lanka													
	Maha	221,320	71,720	360,935	143,545	329,395	3,520	142,145	34,475	134,160	25,455	350,600	
	Yala	139,660	54,805	158,410	8,555	251,590	2,710	73,465	16,655	66,435	13,355	189,275	
	Year	360,980	126,525	519,345	152,100	580,985	6,230	215,610	51,130	200,595	38,810	539,875	

Source: Agricultural Implementation Programme, Ministry of Agricultural Development and Research.

Table 4.3-11 PADDY VARIETIES CULTIVATED AS A PERCENTAGE

	New Improved Varieties										Old Improved		Traditional	
	3 Month		3.5 Month		4-4.5 Month									
	Maha	Yala	Maha	Yala	Maha	Yala	Maha	Yala	Maha	Yala	Maha	Yala		
Sri Lanka	27.62	44.76	42.77	54.75	35.35	9.12	3.62	1.04	5.09	2.19				
Central Province	15.53	32.79	17.15	42.52	61.66	17.15	5.22	6.86	0.45	0.67				
Kandy	7.59	22.83	28.56	56.51	61.56	19.84	1.3	0.82	0.99	0				
Matale	29.66	77.95	4.94	15.65	65.04	4.3	0.36	0	0	2.1				
Nuwara-eliya	2.24	5.58	15.06	27.66	53.13	25.45	28.58	40.13	0	1.17				
Uva Province	13.12	42.28	23.51	39.15	44.67	12.61	14.87	5.72	3.83	0.23				
Badulla	12.8	45.63	16	28	46.22	16.91	23.07	10.38	1.9	0.09				
Moneragala	13.02	39.81	33.13	50.86	42.69	8.11	4.37	0.85	6.29	0.38				
Sabaragamuwa Prov.	14.87	23.95	57.6	62.09	24.67	11.9	1.32	0.78	1.54	1.29				
Ratnapura	15.76	23.33	53.84	64.1	25.68	9.1	2.18	1.3	2.53	2.16				
Kegalle	13.5	24.87	63.4	59.14	29.1	15.99	0	0	0	0				

Source: Ministry of Agricultural Development & Research

Table 4.3-12 LIST OF POLAS LOCATED WITHIN THE STUDY AREA

Location		Location		Location		Location	
Central Province							
Kandy District		Matale District		Nuwara-Eliya District			
Kandy	Bogambara	Matale	Matale	Kotmale	Kotmale		
	Peradeniya		Palapathwela		Pundahoya		
Harispattuwa	Katugastota	Naula	Naula	Ginigathenna	Hatton		
Kundassale	Rajawella		Nalanda	Nuwara-eliya	Kotagala		
Medadumbara	Teldeniya	Galewela	Galewela		Talawakelle		
Udadumbara	Hunasgiriya	Dambulla	Dambulla		Nuwara-eliya		
Minipe	Hasalaka	Laggala	Pallegama		Kandepola		
Mededumbara	Wattegama	Wigamuwa	Hetipola	Walapane	Ragala		
Thumpanc	Galagedara	Rattota	Rattota	Hanguranketha	Hanguranketha		
Yatinuwara	Kadugamawa	Ambanganga K.	Kaikawela		Rahathungoda		
	Danture	Ukuwela	Ukuwela				
Passage K.	Nawalapitiya		Elkaduwa				
Pathahewaheta	Thalathuoya	Pallepola	Pallepola				
	Marassana		Madipola				
Uva Province							
Badulla District		Moneragala District		Ratnapura District		Kegalle District	
Badulla	Badulla	Bibile	Bibile	Ratnapura	Ratnapura	Kegalle	Kegalle
Haliela	Haliela		Pitakumbura		Gilemale	Mawandella	Mawandella
Welimada	Welimada	Medagama	Medagama	Pelmadulla	Pelmadulla	Aranayaka	Aranayaka
Paranagama	Loonuwatta	Buttala	Buttala	Nivithigala	Nivithigala	Rambukkana	Rambukkana
Haputale	Haputale		Okkamptiya		Delwala	Warakapola	Warakapola
Bandarawela	Bandarawela	Thanamalwila	Arambepola	Kalawana	Kalawana		Ganagaldeniya
Haldummulla	Haldummulla		Sooriya-ara	Ayagama	Ayagama	Ruwanwella	Ruwanwella
Passara	Passara		Kirubbenwewa	Kuruwita	Kuruwita		Angurawela
Mecgahakiula	Mecgahakiula		Hambegamuwa	Eheliyagoda	Eheliyagoda		Bulathkohupitiya
Mahiyangana	Mahiyangana		Hathporuwa		Parakaduwa	Dehiwita	Taldena
Ridimaliyadda	Andaulpotha		Danduma	Balangoda	Balangoda	Yatiantota	Yatiantota
Sorantota	Taldena	Madulla	Madulla	Weligepola	Weligepola		Kithulgala
Ella	Ella		Mari-Arawa	Godakawela	Godakawela	Deraniyagala	Deraniyagala
		Siyambalandu	Dombagahawela	Embilipitiya	Embilipitiya	Galigamuwa	Pitagaldeniya
			Siyambalanduwa		Pallebedda		Pindeniya
			Pallewela	Kahawatta	Madampe		
			Ethimale	Imbulpe	Imbulpe		
		Wellawaya	Wellawaya	Kotonne	Rakwana		
			Ethiliwela		Sooriyakanda		
			Kudaoya		Pasamuna		
			Vehcrayaya				
		Moneragala	Moneragala				
			Hulandawa				
		Badalkumbura	Badalkumbura				

Source: Divisional Secretariats

Table 4.3-13 (1/2) AVERAGE PRICES OF VEGETABLES

Month	1988		1989		1990		1991		1988		1989		1990		1991		1988
	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	
BUTTER BEANS:																	
February	12.29	8.10	12.72	9.56	21.26	15.73	18.51	10.86	8.67	3.52	9.53	4.18	11.34	5.35	12.16	3.19	
March	9.86	5.68	16.53	11.77	22.84	15.95	24.25	17.22	7.73	3.01	8.39	5.36	10.71	4.02	11.35	3.01	
April	11.34	6.92	17.03	10.28	17.87	8.54	23.22	14.39	6.76	2.57	8.15	3.32	11.27	4.87	12.16	5.61	
May	17.05	11.86	20.53	14.28	20.38	13.79	27.28	17.23	7.63	2.67	9.47	4.40	11.70	4.22	14.53	6.50	
June	19.71	14.13	20.60	12.24	25.74	19.33	28.52	18.57	9.10	4.20	10.05	4.81	14.00	7.25	15.65	6.49	
July	16.39	11.65	14.98	14.40	24.97	19.29	24.46	15.91	9.74	4.83	10.27	4.26	14.26	7.11	17.37	8.11	
August	13.90	9.11	17.44	10.70	22.97	16.71	24.21	17.10	9.16	3.41	10.51	2.92	13.41	5.32	15.52	5.37	
September	13.88	8.81	18.07	12.40	20.33	12.55	21.05	13.06	8.55	3.41	10.19	2.99	12.15	4.88	11.59	2.87	
October	14.42	8.58	16.58	10.17	19.27	10.52	19.72	10.79	9.00	3.38	9.63	3.73	13.50	6.35	11.37	3.49	
November	16.59	11.51	12.68	6.15	23.98	15.23	22.70	13.97	10.13	5.64	9.12	4.11	16.73	8.58	13.99	5.95	
December	14.25	9.55	13.79	7.29	22.65	14.42	20.57	12.01	9.26	4.29	8.55	4.28	15.67	7.01	13.80	4.91	
GREEN BEANS:																	
January	15.53	11.31	14.20	9.85	17.62	10.61	22.23	15.06	12.02	5.71	13.58	7.08	15.71	8.18	21.39	9.24	
February	12.52	8.19	12.72	9.58	21.26	15.73	18.40	10.86	11.54	5.79	13.35	8.12	16.49	8.12	18.88	6.42	
March	9.86	5.73	16.53	11.73	22.89	15.95	24.08	17.23	11.09	6.37	12.64	7.21	17.00	8.83	19.76	8.67	
April	11.28	6.93	17.04	10.28	17.90	8.54	22.55	14.26	11.49	6.91	13.40	8.05	17.42	8.46	20.54	9.79	
May	17.06	11.96	20.63	14.24	20.38	13.78	26.94	17.25	13.99	8.75	15.13	8.87	18.89	9.71	24.13	12.58	
June	19.75	14.98	20.68	12.24	25.74	19.29	27.82	16.05	13.55	7.01	17.03	8.80	21.28	12.11	26.53	14.49	
July	16.39	11.79	15.09	14.40	24.94	19.29	24.12	15.92	12.13	5.01	14.74	6.86	20.23	9.24	23.46	8.82	
August	13.91	9.15	17.34	10.70	22.97	16.69	23.90	17.09	11.04	5.63	14.24	7.22	18.88	9.89	21.48	8.67	
September	13.88	8.58	18.12	12.43	20.33	12.57	20.85	13.06	12.39	6.49	14.15	6.94	18.82	10.17	19.16	9.09	
October	14.43	8.58	16.62	10.17	19.27	10.51	19.62	10.79	14.14	7.80	14.30	7.85	19.40	11.05	22.44	13.44	
November	16.55	11.51	12.67	6.15	23.88	15.23	22.46	13.97	15.15	10.09	14.33	7.92	26.20	16.75	25.20	16.04	
December	14.27	9.55	13.85	7.29	22.76	14.42	21.41	11.93	13.85	7.53	14.93	8.29	29.16	16.80	23.94	13.50	
CARROT:																	
January	17.85	12.04	13.73	8.41	23.07	15.82	24.35	16.06	7.80	3.45	8.63	3.48	10.82	5.13	12.62	3.75	
February	13.57	8.13	14.16	11.63	21.90	14.23	23.20	13.85	7.01	3.22	8.82	4.33	11.70	5.41	12.37	3.20	
March	10.50	6.08	15.31	8.87	23.47	15.65	22.24	13.02	6.28	2.80	8.75	3.94	11.53	5.93	13.39	5.23	
April	11.31	5.77	18.38	11.84	22.23	13.81	23.35	13.31	6.81	2.53	9.25	4.68	11.58	5.92	14.72	6.08	
May	14.08	9.23	22.60	15.43	21.95	14.21	25.54	15.52	8.29	5.25	10.91	5.49	13.89	7.35	15.62	7.07	
June	18.05	11.28	27.29	20.09	23.60	15.07	28.21	19.11	8.28	3.62	11.40	4.79	15.09	8.01	17.16	7.53	
July	16.06	10.42	21.95	14.17	20.09	11.73	27.84	17.72	7.65	2.06	9.64	3.75	14.61	6.20	14.63	5.65	
August	14.59	8.90	17.06	8.30	17.69	9.50	22.33	11.74	7.54	2.35	9.65	3.48	13.72	5.90	13.36	9.92	
September	13.15	7.52	14.02	6.87	17.53	8.50	17.58	7.99	8.10	3.33	9.23	3.47	12.13	5.29	11.75	3.77	
October	13.40	7.74	13.65	7.55	17.57	9.22	15.95	7.06	8.84	3.91	9.29	3.88	13.15	5.94	12.52	5.57	
November	14.96	8.77	14.33	8.17	20.63	12.12	17.81	8.56	9.73	5.43	9.80	3.88	16.82	10.21	15.36	6.99	
December	18.71	7.53	18.84	12.08	22.86	14.42	27.61	12.30	8.66	3.81	9.92	4.32	17.77	10.44	14.15	5.70	
LEEEKS:																	
January	14.77	9.45	12.55	6.63	20.56	13.90	24.35	12.74	9.92	4.56	11.50	5.43	13.49	6.29	15.04	4.11	
February	12.85	7.76	13.08	9.75	19.67	12.38	22.01	13.98	10.19	4.94	11.62	6.60	14.55	7.19	14.43	4.36	
March	10.58	6.40	13.37	7.14	22.26	14.55	21.92	13.59	9.07	5.01	11.79	5.46	15.37	7.95	16.91	7.03	
April	13.31	10.14	14.19	7.58	24.03	15.01	23.04	13.53	9.72	4.72	12.88	6.20	15.83	7.67	20.17	8.81	
May	15.84	10.14	15.04	7.80	25.37	17.00	26.35	16.45	11.41	7.16	14.40	7.89	17.20	8.25	20.49	10.53	
June	16.90	9.98	18.13	11.15	27.44	18.93	29.78	19.53	11.29	5.21	15.83	7.73	18.48	10.55	23.53	12.31	
July	13.51	7.10	17.72	18.00	22.83	13.40	27.72	17.63	10.13	3.76	13.89	5.29	18.11	7.48	21.23	4.32	
August	12.49	8.04	16.13	9.70	17.56	8.58	22.14	10.20	10.14	3.47	11.84	4.03	16.13	6.99	16.30	5.37	
September	12.57	6.88	14.86	8.46	16.49	7.26	17.89	7.86	10.23	4.55	12.73	5.78	16.63	7.14	14.79	5.89	
October	13.02	7.29	14.07	7.52	16.31	7.19	16.43	7.23	11.98	5.71	13.16	6.73	16.98	7.96	17.48	9.67	
November	14.33	7.47	14.34	7.45	18.20	7.92	18.52	7.96	13.03	7.96	12.98	6.57	20.18	12.61	20.80	11.52	
December	12.63	6.34	17.51	10.83	19.67	9.93	21.56	12.02	11.53	5.38	13.24	6.50	20.47	10.72	19.70	8.94	
BEET ROOT:																	
January	14.95	9.86	14.15	7.72	20.70	13.12	25.10	13.74	10.54	6.21	11.40	5.79	13.99	6.33	15.49	6.50	
February	14.05	8.51	11.96	8.08	18.83	11.37	26.66	16.69	10.14	5.81	11.19	6.87	14.82	9.14	15.52	6.08	
March	10.53	5.15	11.75	5.22	19.12	11.07	26.49	15.60	9.15	4.54	12.03	6.92	16.35	9.84	17.09	9.45	
April	10.50	6.51	13.10	5.94	19.03	9.10	25.90	14.90	8.96	4.50	12.80	6.30	14.24	6.53	19.09	7.91	
May	12.47	6.51	14.83	7.47	18.74	9.39	26.16	13.12	10.93	6.38	14.13	8.06	16.10	9.44	21.83	9.47	
June	16.65	10.20	17.98	10.99	22.10	12.66	27.44	15.25	11.83	6.89	15.26	7.73	17.78	9.91	21.78	9.47	
July	14.41	7.83	15.71	9.60	20.55	10.96	27.52	14.59	11.02	5.52	12.26	7.50	18.34	10.44	15.95	7.04	
August	12.43	5.52	14.80	7.29	18.28	8.62	21.94	8.83	10.39	5.08	12.92	5.47	16.49	7.76	16.73	7.96	
September	11.91	6.19	13.85	6.08	18.53	8.57	18.24	7.94	10.42	5.50	12.88	6.65	15.57	6.89	16.05	7.29	
October	13.66	7.63	13.71	6.81	18.61	8.43	16.93	7.74	11.64	5.88	12.99	6.85	15.59	7.30	16.76	8.59	
November	15.32	8.94	14.30	7.86	23.43	12.62	21.86	11.68	13.27	8.66	11.61	5.09	18.82	9.77	19.81	10.80	
December	14.84	9.16	18.28	11.60	27.69	16.29	27.81	16.91	11.78	6.50	12.04	5.29	17.73	7.83	18.45	8.11	
KNOK-KHOL:																	
January	10.66	5.44	9.69	3.48	12.99	5.97	18.29	7.77	16.46	11.02	14.59	8.98	18.74	10.74	26.93	16.19	
February	9.66	4.74	10	6.87	14.14	6.51	18.21	7.26	13.08	9.83	14.58	9.97	18.16	10.77	25.45	14.45	
March	7.70	3.13	11	4.75	15.19	6.91	19.13	8.96	13.62	8.87	14.06	9.17	19.21	11.21	24.71	14.57	
April	8.37	4.60	11.64	5.23	15.95	6.44	19.51	8.28	13.55	7.83	16.06	8.94	18.96	11.10	24.87	13.67	
May	9.68	4.60	12.76	5.81	15.55	7.56	20.94	7.94	13.71	7.95	15.56	9.58	18.58	9.83	24.75	14.75	
June	11.44	5.73	15.12	6.76	17.36	9.16	22.31	9.23	14.58	9.19	16.19	9.88	19.51	11.29	25.68	13.76	
July																	

Table 4.3-13 (2/2) AVERAGE PRICES OF VEGETABLES

Month	1988		1989		1990		1991		1988		1989		1990		1991		1992
	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	
RADDISH:																	
January	7.61	2.73	7.19	2.03	9.48	3.72	11.43	3.35	20.45	10.92	22.78	11.00	26.31	10.62	34.10	15.47	
February	6.02	1.87	7.33	3.49	7.34	3.70	10.30	2.37	26.73	15.73	28.12	22.78	28.67	16.39	35.17	19.17	
March	5.01	1.39	7.63	2.29	10.55	4.06	9.89	2.73	22.98	11.70	23.52	12.35	31.74	16.96	33.88	17.71	
April	6.24	1.56	9.00	3.52	10.62	3.78	11.58	4.05	17.74	6.43	24.01	11.31	28.72	12.79	34.34	12.70	
May	6.88	2.09	10.44	4.23	10.04	4.10	13.58	5.48	18.53	8.90	24.30	12.27	29.17	15.64	37.73	17.80	
June	8.61	4.10	11.82	5.14	11.64	4.93	14.99	5.41	29.77	18.33	82.00	20.15	36.45	22.40	59.98	36.03	
July	7.52	2.86	9.41	3.67	11.54	4.73	14.25	4.92	21.20	9.70	26.33	11.67	34.47	19.10	42.39	21.84	
August	7.10	2.34	9.04	2.91	10.69	4.02	11.75	3.21	17.78	7.98	22.71	7.35	30.08	14.05	35.69	9.96	
September	7.25	2.73	8.38	2.58	10.50	3.34	10.12	2.58	20.60	8.65	23.73	10.93	37.30	19.71	32.90	15.10	
October	7.88	5.40	8.13	3.15	9.90	3.22	10.34	2.74	27.02	12.27	27.70	15.26	44.66	26.67	54.18	26.58	
November	8.60	4.05	8.34	3.13	12.09	4.40	12.55	4.63	46.70	28.62	26.09	12.86	59.59	34.15	44.11	25.61	
December	7.73	3.57	9.25	3.56	12.84	5.06	12.99	5.05	31.48	13.02	24.80	11.69	46.80	22.91	60.26	35.17	
CABBAGE:																	
January	13.67	6.71	10.40	3.88	13.27	5.76	15.21	5.19	24.69	9.31	16.37	5.61	23.74	7.96	34.33	14.03	
February	11.04	4.61	10.56	5.37	13.73	5.85	15.47	5.35	21.56	8.97	22.97	10.09	23.16	7.29	34.06	13.39	
March	7.04	1.70	10.51	4.05	14.75	7.07	16.16	7.21	26.33	16.51	25.66	13.26	25.90	10.02	33.25	16.76	
April	7.04	1.63	12.72	5.89	17.46	7.99	16.88	7.16	49.44	29.93	36.37	17.76	31.51	13.46	46.78	26.34	
May	8.85	3.50	14.42	7.42	17.79	9.08	19.12	9.30	49.45	30.07	34.77	19.23	35.62	17.48	63.56	36.06	
June	13.02	5.96	17.71	9.79	17.89	8.83	20.88	8.88	37.20	14.51	36.87	18.21	34.94	16.25	56.81	28.68	
July	11.98	4.63	14.59	7.00	16.50	6.50	18.66	7.04	21.57	8.01	31.18	18.20	36.01	14.44	49.92	23.56	
August	11.79	5.42	12.81	5.35	14.01	5.63	15.43	5.35	16.96	5.82	23.01	6.32	32.12	20.56	44.45	24.82	
September	12.10	6.05	12.81	5.44	13.94	5.40	13.15	4.55	23.30	11.21	22.07	7.36	72.27	48.05	66.32	42.26	
October	13.65	6.88	11.53	4.16	13.46	4.83	13.51	4.23	47.05	28.25	28.52	15.42	119.41	78.23	111.29	67.49	
November	13.26	1.54	10.93	3.98	16.11	7.06	15.01	5.97	38.41	18.20	33.11	16.25	57.42	25.05	88.87	47.02	
December	11.69	5.00	12.24	5.44	16.94	7.37	16.31	6.84	21.12	6.52	28.78	12.26	38.39	17.10	62.24	27.30	
TOMATOES:																	
January	18.46	10.22	21.12	11.21	21.08	9.72	31.92	17.31	91.69	3493	76.83	3286	96.11	4060	123.68	5457	
February	15.27	7.29	17.14	9.47	25.02	10.26	29.38	14.62	74.60	3067	83.94	3698	95.2	3692	156.67	6537	
March	11.82	5.15	17.19	8.47	32.55	17.76	27.98	14.75	71.90	3326	100.48	4189	86.22	3351	158.64	6546	
April	15.94	7.18	18.80	8.58	35.47	18.57	28.83	13.86	75.86	3331	88.46	3256	84.09	3298	147.03	6295	
May	18.51	10.11	22.89	11.72	22.45	11.10	28.43	13.39	70.67	2603	71.15	2328	79.49	3010	13706	5144	
June	20.45	10.45	22.65	12.15	21.02	10.82	34.73	18.71	68.45	2883	70.39	2739	88.53	3625	133.31	5179	
July	17.32	7.37	20.50	9.48	22.60	11.43	34.32	17.40	73.20	3278	80.65	3324	106.72	4419	133.98	5369	
August	12.78	4.85	17.49	6.62	20.00	9.42	27.21	10.36	79.34	3145	81.01	3332	106.43	4247	134.66	5488	
September	15.60	8.26	22.53	11.86	21.57	10.22	25.17	10.38	65.43	2444	77.25	3044	88.77	3472	111.08	4374	
October	17.14	8.72	26.04	13.26	27.69	12.16	29.70	16.43	62.50	2537	88.28	3697	91.65	3760	113.62	4718	
November	20.14	10.72	27.26	15.48	28.60	14.51	28.03	11.21	75.85	3221	88.64	3790	101.05	4266	139.66	5427	
December	18.75	10.68	29.77	10.80	33.87	17.81	29.83	10.69	76.47	3264	95.71	4137	103.13	4368	133.09	5407	
LADIES FINGERS:																	
January	12.74	6.96	13.84	6.97	16.57	9.13	19.40	7.87	20.14	778	22.24	863	31.51	1217	49.07	1895	
February	12.30	6.81	13.28	7.13	17.82	9.89	20.63	8.88	19.42	766	18.26	741	31.72	1323	42.46	1650	
March	9.89	3.91	13.16	7.00	17.61	9.55	20.93	10.71	16.46	576	17.95	751	45.27	1300	36.91	1555	
April	10.30	4.32	14.41	7.21	17.63	8.25	21.12	9.61	17.00	721	18.64	778	29.31	1153	46.21	1696	
May	11.93	6.07	15.56	8.51	18.90	9.64	24.42	11.90	18.21	761	19.59	799	51.64	2033	36.82	1479	
June	13.51	6.38	17.60	9.57	23.00	12.88	26.05	12.11	17.89	759	19.75	792	39.26	1418	35.45	1439	
July	11.80	5.31	16.40	8.20	21.91	11.09	21.95	9.52	18.31	785	21.43	844	26.69	1005	38.23	1599	
August	12.02	5.15	13.86	5.73	19.32	10.16	20.29	8.49	18.39	737	22.61	867	23.32	903	34.81	1475	
September	12.41	6.27	14.74	6.61	18.58	9.57	17.74	7.78	18.04	642	17.92	606	23.41	772	30.63	1055	
October	13.49	6.82	14.60	7.67	19.12	9.86	18.86	8.09	18.19	717	16.72	585	30.48	1183	29.83	1054	
November	16.60	10.32	14.78	8.26	25.13	15.38	22.84	13.62	28.48	1080	40.75	1764	48.24	1907	36.09	1446	
December	19.63	7.25	15.17	7.80	23.74	10.40	20.88	9.29	36.33	1205	45.79	1914	45.72	1618	34.34	1277	
BRINJALS:																	
January	10.90	5.28	13.06	6.87	14.19	6.12	20.23	8.38	20.98	890	28.27	1156	19.7	776	53.21	2069	
February	9.79	4.41	12.79	7.60	14.30	5.39	17.15	4.96	20.7	343	23.94	1022	21.03	846	48.74	1936	
March	8.71	3.70	11.61	5.37	14.62	6.13	16.11	4.87	19.45	824	23.13	900	23.25	931	47.79	2031	
April	9.24	3.45	13.19	6.22	16.05	6.04	17.42	6.07	23.3	1000	24.92	982	30.73	1292	52.87	2142	
May	10.95	5.51	15.67	7.82	18.69	10.04	19.74	8.46	24.54	1060	23.45	922	33.37	1398	50.72	2099	
June	13.27	6.79	16.89	8.62	19.68	10.50	25.09	12.39	23.92	1091	24.96	998	36.2	1454	50.81	2157	
July	11.02	4.88	15.47	7.86	20.49	10.98	21.15	6.28	25.6	1067	28.64	1147	39.42	1643	62.08	2707	
August	11.39	4.58	13.33	5.91	19.21	9.08	18.75	6.37	22.25	839	30.45	1238	30.39	1154	55.54	2345	
September	11.76	5.30	14.17	6.39	19.80	10.11	18.26	7.08	17.1	695	20.46	800	25.38	997	41.1	1597	
October	12.93	5.82	17.07	7.38	20.85	10.09	20.16	8.94	20.82	816	19.69	799	28.13	1178	36.98	1416	
November	14.78	8.74	14.62	7.23	23.28	13.03	21.08	10.15	27.3	1080	19.31	746	44.81	1786	41.14	1682	
December	13.35	6.12	15.03	7.17	22.97	10.62	20.20	7.28	29.59	1207	19.45	722	61.49	2427	41.9	1640	
CAPSICUMS:																	
January	15.51	11.34	19.90	12.50	22.99	15.26	31.78	18.06	18.95	819	25.09	1052	17.89	678	49.08	1816	
February	15.86	9.21	21.50	16.48	24.66	15.45	30.35	18.64	18.42	749	21.04	917	18.54	745	45	1736	
March	13.26	7.63	19.21	11.89	25.42	16.09	29.43	16.63	17.42	737	19.9	782	20.39	783	44.57	1845	
April	12.71	6.65	19.06	9.85	23.90	12.27	29.64	13.91	20.35	896	22.86	875	27.58	1174	49.36	1925	
May	14.45	7.97	20.68	12.17	24.65	16.29	29.49	15.25	21.99	964	21.44	833	30.6	1264	47.11	1896	
June	19.28	12.45	23.66	14.76	30.46	20.60	34.23	21.31	23.86	997	22.66	918	33.62	1309	17.65	1958	
July	19.66	13.47	22.71	14.10	32.55	21.96	36.87	24.61	23.18	937							

Table 4.3-14 PRODUCER AND RETAIL PRICES OF VEGETABLES (1/4)

NUWARA ELIYA - CABBAGE, CARROT & LEEKS

YEAR	CABBAGE				CARROT				LEEKs			
	PRODUCER PRICE		AVERAGE RETAIL PRICE		PRODUCER PRICE		AVERAGE RETAIL PRICE		PRODUCER PRICE		AVERAGE RETAIL PRICE	
	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
MONTH												
January	6.00	7.40	10.00	10.00	8.92	13.04	11.00	11.00	8.50	11.26	10.50	14.00
February	7.09	6.07	10.00	10.00	9.58	12.09	13.00	13.00	9.89	12.13	13.00	19.00
March	7.72	7.15	12.00	12.00	11.88	13.32	14.00	16.00	12.50	12.52	14.00	16.00
April	8.34	8.71	11.00	20.00	10.70	14.90	15.00	22.00	13.86	12.00	17.00	22.00
May	8.35	7.75	12.00	14.00	10.00	14.06	15.00	20.00	14.33	12.18	15.00	22.00
June	8.10	8.06	11.00	14.00	11.00	15.89	16.00	19.33	13.92	16.20	16.00	21.33
July	5.35	5.80	13.00	14.00	12.33	16.88	17.00	20.00	16.67	15.50	18.00	20.00
August	6.39	6.31	13.00	12.00	10.67	16.02	17.00	20.00	13.50	14.12	15.00	20.00
September	6.63	4.66	12.00	10.00	9.25	13.41	15.00	16.00	10.21	12.45	13.00	13.00
October	5.94	4.74	12.00	10.00	8.00	11.78	15.50	11.00	9.95	9.03	12.70	14.33
November	8.45	5.69	14.00	12.00	12.07	12.83	15.00	15.50	10.75	10.50	12.00	15.00
December	8.27	6.20	14.00	15.00	13.22	13.77	14.00	15.50	12.81	11.12	11.50	18.00

SOURCE: Department of census and statistics

Table 4.3-14 PRODUCER AND RETAIL PRICES OF VEGETABLES (2/4)

RATNAPURA - LADIES FINGERS & BITTER GOURD

YEAR	LADIES FINGERS				BITTER GOURDE			
	PRODUCER PRICE		AVERAGE RETAIL PRICE		PRODUCER PRICE		AVERAGE RETAIL PRICE	
	1990	1991	1990	1991	1990	1991	1990	1991
MONTH								
January	6.94	8.84	11.00	14.00	7.19	8.43	13.00	9.00
February	6.83	8.67	12.00	15.00	7.80	8.88	12.00	12.50
March	7.39	9.01	12.00	14.50	8.17	11.55	15.00	14.50
April	7.56	10.67	16.00	15.00	8.25	11.33	16.00	13.00
May	7.07	8.87	13.00	15.00	8.19	11.49	15.00	14.50
June	8.16	9.47	11.00	16.75	9.84	10.81	14.00	18.50
July	8.78	8.00	14.00	15.75	8.90	12.26	15.00	14.00
August	8.28	9.78	14.00	11.25	9.52	12.74	14.00	11.00
September	9.13	8.00	12.00	12.25	10.34	7.75	14.50	11.00
October	10.58	8.27	12.00	13.75	9.35	11.64	12.50	13.50
November	11.00	8.64	14.00	17.75	9.42	11.32	12.60	17.50
December	11.90	8.50	16.00	17.00	9.45	14.00	14.00	17.00

SOURCE: Department of census and statistics

Table 4.3-14 PRODUCER AND RETAIL PRICES OF VEGETABLES (3/4)

MONARAGALA - WETAKOLU

YEAR	PRODUCER PRICE		RETAIL PRICE	
	1990	1991	1990	1991
MONTH				
January	4.51	5.50	12.00	10.00
February	5.71	6.50	11.00	11.00
March	4.88	6.00	12.00	12.00
April	4.93	6.70	12.00	12.50
May	6.92	8.25	14.00	14.10
June	6.53	8.25	18.00	18.00
July	9.67	9.68	12.00	16.00
August	8.63	8.00	16.00	12.00
September	8.63	8.00	12.00	12.00
October	8.65	8.00	12.00	12.00
November	7.13	7.50	14.00	12.00
December	7.15	4.73	14.00	10.00

SOURCE: Department of census and statistics

BADULLA - BEANS

YEAR	PRODUCER PRICE		RETAIL PRICE	
	1990	1991	1990	1991
MONTH				
January	10.00	13.52	18.00	14.25
February	9.70	10.95	14.00	14.00
March	10.75	14.19	12.00	16.00
April	9.69	12.56	14.00	18.00
May	9.73	13.08	16.00	20.00
June	13.87	14.83	21.00	20.00
July	14.78	13.22	22.00	19.00
August	12.25	13.20	20.00	22.00
September	9.69	10.08	20.00	16.00
October	8.42	8.80	16.00	12.00
November	10.55	11.10	16.00	12.00
December	13.52	9.24	18.00	12.00

SOURCE: Department of census and statistics

Table 4.3-14 PRODUCER AND RETAIL PRICES OF VEGETABLES (4/4)

TOMATOES - MATALE

YEAR	PRODUCER PRICES		RETAIL PRICE	
	1990	1991	1990	1991
MONTH				
January	9.13	10.00	15.00	20.00
February	9.33	11.33	15.00	25.00
March	9.67	11.80	10.50	25.00
April	8.83	15.88	13.00	30.00
May	13.00	12.50	14.00	39.00
June	10.8	10.80	16.00	19.00
July	8.97	9.80	10.00	22.50
August	6.69	7.75	11.00	20.00
September	3.75	7.41	8.00	20.00
October	8.00	8.41	11.00	16.50
November	10.83	12.50	15.00	11.00
December	16.00	16.16	15.00	23.00

SOURCE: Department of census and statistics

BRINJALS - KANDY

YEAR	PRODUCER PRICES		RETAIL PRICE	
	1990	1991	1990	1991
MONTH				
January	6.16	6.15	10.00	15.00
February	5.27	5.54	10.00	7.50
March	6.28	5.32	11.00	16.50
April	8.06	7.82	11.00	11.50
May	6.50	6.65	13.00	13.50
June	7.89	7.98	13.00	13.50
July	8.18	8.43	12.00	12.25
August	7.09	5.77	12.00	12.25
September	6.48	6.44	12.00	13.00
October	6.50	6.84	14.00	13.50
November	7.50	7.95	16.00	13.50
December	7.52	6.89	18.00	13.75

SOURCE: Department of census and statistics

Table 4.3-15 SCALE OF FINANCE FOR CROP PRODUCTION UNDER NCRCS

Crop		Land Prepn	Seed	Nur- sery	T'plant R'seed	irri- gation	Ferti- lizer	Weed Control	P & D Control	Harvest Process	Total
Paddy IMZ	Irr. BS	1355	405		25	275	1285	165	220	1310	5040
Paddy IMZ	Rf. BS	1450	400		20		1105	185	170	1180	4510
Paddy LCDZ	Irr. TP	1845	415	175	900	200	1330	620	270	1750	7505
Paddy LCDZ	Irr. BS	2095	455		130	320	1285	250		1950	6485
Paddy LCWZ	Rf. BS	1520	330		30	115	1240	320	75	1905	5535
Chilli	Rf.	1470	260	735	355		990	2355	855	1970	8990
Chilli	Irr.	1840	260	845	355		3130	2355	8565	2955	20305
Red Onion	Rf.	450	4500	475	300		600	775	600	400	8100
Red Onion	Irr.	3660	8290		555	1910	8745	3455	3885	4545	35045
Greengram	Rf.	330	210		160		1375	455	185	615	3330
Greengram	Irr.	740	210		180		1130	615	600	1630	5105
Cowpea	Rf.	615	145		80		1375	440	245	550	3450
Cowpea	Irr.	1075	145		140		1375	1095	855	690	5375
Blackgram	Rf.	860	360		15			115	190	830	2370
Blackgram	Irr.	2360	360		35			160	615	4270	7800
Groundnut	Rf.	1000	1220		100		170	255	190	835	3770
Groundnut	Irr.	1755	1220		315		835	255	1875	960	7215
Maize	Rf.	1155	40		125		835	550		625	3330
Soybean	Rf.	385	290		215		1480	645		480	3495
Soybean	Irr.	480	290		270		1125	645		840	3650
Potato	Rf.	3950	26390		295		7570	1840	4335	1460	45840
Potato	Irr.	2930	32830		370	1325	16800	3300	8360	1490	67405
Big Onion	Irr.	3700	1050	2125	900	5225	3125	1300	1425	2050	20900
Sorghum		300	50				475	150	75	150	1200
Toor Dhal		225	50				300	100	225	100	1000
Beet		2525	425	375	350	1825	6600	1350	2150	1500	17100
Carrot		2525	425	375	350		6600	1350	2150	1500	15275
Leek		2525	1475	2075	800		24100	1475	1975	1975	36400
Cabbage		1925	1550		125		4525	1975	1325	600	12025
Bush Bean		3475	1850		200	900	3550	725	475	2450	13625
Pole Bean		1895	2260		1020		1170	425	1380	2060	10210
Seed Bean		350	1000		650		700	100	500	350	3650
Long Bean		275	225		500		550	100	200	150	2000
Bushitavo		350	300		150		600	100	300	250	2050
Capsicum		300	250		125		1200	125	400	200	2600
Brinjal		300	50		200		12600	150	200	200	13700
Tomato		350	100	375	200		1600	150	300	300	3375
Okra		200	100		75		1250	75	100	100	1900
Luffa		300	175		200		1400	150	300	200	2725
Snake Gourd		300	175		200		1400	150	300	200	2725
Bitter Gourd		300	175		200		1400	150	300	200	2725
Butternut		200	400		100		500	150	100	50	1500
Gherkin		6800	800			300	3000		800	1000	12700

Source: Central Bank of Sri Lanka

Table 4.3-16 LOANS GRANTED UNDER THE NEW COMPREHENSIVE RURAL CREDIT SCHEME : 1990/91 MAHA -1992 YALA

Province District	1990/91 Maha			1991 Yala			1991/92 Maha			1992 Yala		
	Paddy	SFC	Total	Paddy	SFC	Total	Paddy	SFC	Total	Paddy	SFC	Total
Central												
Kandy	7.971	2.546	10.517			9.269	8.379		12.831	3.666		7.785
Matale	4.969	4.55	9.519	0.034		24.851	6.451		16.625	1.111		17.868
N' Eliya		30.769	30.769			8.621	0.332		41.743			4.662
Uva												
Badulla	24.612	28.301	52.913	14.811		44.683	13.815		44.993	2.222		25.949
Moneragala	7.856	1.013	8.869	0.235		4.085	4.667		11.994	1.519		7.389
Sabaragamuwa												
Ratnapura	19.319	0.333	19.652	19.101		19.101	17.446		17.734	0.344		1.357
Kegalle	0.376		0.376			0.278	0.397		0.398	0.148		0.148

Source: Central Bank of Sri Lanka

Table 4.3-17 SUBSIDY RATES FOR CULTIVATION OF EXPORT AGRICULTURAL CROPS

Crop	Name of Scheme	(Unit: Rs./ac)				
		1st Inst. after Land Prepn.	2nd Inst. 6 m after Plantg.	3rd Inst. 18 m after Plantg.	4th Inst. 42 m after Plantg.	Total
Cocoa	Replanting	3500	1000	2000	4200	10700
	Rehabilitation	1500	500	1000	2000	5000
	New Planting	2000	550	1200	2500	6250
	Inter Cropping	1200	350	700	1500	3750
Cardamom	Replanting	3000	1000	2000	4000	10000
	Rehabilitation	1500	1000	1250	2500	6250
Cinnamon	Replanting	3700	1000	2000	4550	11250
	Rehabilitation	1000	300	600	1350	3250
Pepper	New Planting	2500	700	1400	2900	7500
Coffee	New Planting	2000	550	1200	2500	6250
Cloves	New Planting	1300	250	500	700	2750
Citronella	Rehabilitation	300	100	200	400	1000

Note: Value of 1st instalment for cocoa replanting is less value of planting material

Source: Perennial Crop Development Project

Table 4.3-18 SUBSIDY RATES FOR CULTIVATION OF FRUIT CROPS

Crop	No. of Plants/ha		Value of Pl. Mat.		1st Instalment		2nd Instalment		3rd Instalment		Total Sbsidy/ac	
	Mono	Inter	Mono	Inter	Mono	Inter	Mono	Inter	Mono	Inter	Mono	Inter
Lime	200	100	1000	500	900	450	1000	500	1000	500	3900	1950
Orange	200	100	2000	1000	500	250	500	250	500	250	3500	1750
Mango	40	20	1200	600	400	200	400	200	400	200	2400	1200
Avacado Pear	80	40	2400	1200	250	125	200	100	150	75	3000	1500
Mangoosteen	40	20	400	200	800	400	800	400	800	400	2800	1400
Rambutan	50	50	1500	1500	200	200	200	200	200	200	2100	2100
Passion Fruit	400	200	1200	600	400	200	3000	1500	400	200	5000	2500
Pineapple	4000	4000	3250	3250	250	250					3500	3500
Banana	400	300	1600	1200	200	150	200	150			2000	1500
Papaw	400	300	1200	900	400	300	400	300			2000	1500
Inter Cropping with Rubber												
Passion Fruit		100		300		100		850				1250
Pineapple		4000		3250		250						3500
Banana		120		480		75		75				630

Source: Perennial Crop Development Project

Table 4.3-19 SUBSIDY RATES FOR CULTIVATION OF TEA
IN THE SMALL HOLDER SECTOR

(a) Replanting and New planting:

Stage of Payment	(Unit: Rs/ha)		
	Replanting Mid & High	Low	New Plantings All Elevations
Uprooting	3500	2500	10000
Soil Conservation	8000	6000	4000
Soil Rehabilitation	6000	4500	
Planting	21500	21000	10000
Maintenance	9000	7000	6000
Total	48000	41000	30000

(b) Infilling

All Elevations Rs 4 per Plant

Source: Tea small Holdings Development Authority

Table 4.3-20 SUBSIDY RATES FOR PLANTING OF RUBBER
IN PRIVATE AND SMALL HOLDER SECTIONS -1991

Instalment	(Unit Rs/ac)	
	Replanting	New Planting
1st	600	500
2nd	4,000	4,000
3ed	2,000	1,600
4th	1,600	1,600
5th	1,600	1,600
6th	1,600	1,600
7th	1,600	1,600
8th	2,000	2,000
Total	15,000	14,500

Source: Rubber Control Department

Table 4.3-21 SUBSIDY RATES FOR PLANTING OF COCONUT

Scheme	(Unit: Rs/ac)			
	1st Instalment	2nd Instalment	3rd Instalment	Total
Replanting	2,750	1,500	610	4,860
UnderPlanting	2,000	1,500	1,360	4,860
New Planting	1,600	1,200	1,850	4,650
Home Garden *	30	20		50
Pasture	1,200	600		1,800
Cocoa	1,050	650	550	2,250
Pepper	1,750	525	350	2,625
Coffee	1,200	550	375	2,125
Rehabilitation				2,000

Source: Coconut Development Authority

Table 4.3-22 INDUSTRIAL PROCESSING UNITS IN THE STUDY AREA

District	Tea		State	Rubber		Coconut Sugarcane		Tobacco		
	Private	State		Private	State	Private	Private	Bams	Garments	Reg.Indus
	Own L			Bt. L						
Kandy	58	20	20					611	10	44
Matale	8		0		2			356	2	9
Nuwaraeliya	17		132					570	3	15
Badulla	13		75					211	10	12
Moneragala	0		1				1	73	2	1
Ratnapura	40	4	42	2	29		1		11	15
Kegalle	7		14	3	44	1			7	8
Total	143	24	284	5	75	1	2	1821	45	104

Source: Ministry of Plantation Industries
Ministry of Industries, Science and Technology
Rubber control Department
Tea Commissioners Department
Board of Investment of Sri Lanka
Ceylon Tobacco Company

Table 4.3-23 EMPLOYMENT IN INDUSTRY IN THE STUDY AREA

District	Plantation Sector		Sugar	Garment	Registered Industry
	Private	State			
Kandy	108337	19043		5000	2048
Matale	20710	552		1000	206
N'eliya		133952		1500	2263
Badulla	13252	72665		5000	
Moneragala	3754	1877	6000	1000	556
Ratnapura	42156	40024		5500	na
Kegalle	73955	26489		3500	na
Total	262164	160650	6000	21000	5073

Source: Ministry of Plantation Industries
Ministry of Industries, Science and Technology
Rubber control Department
Tea Commissioners Department
Board of Investment of Sri Lanka
Ceylon Tobacco Company

Table 4.3-24 ANTICIPATED CROP BUDGETS (1/2)

Description	Unit	Beet Irrigated:		Bitter Gourd Irrigated:		Brinjal Irrigated:		Bush Beans Irrigated:		Cabbage Irrigated:		Capsicum Irrigated:		Carrot Irrigated:	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Description	Value
Yield	t/ha	30	8000	30	6000	20	6000	10	9500	50	3000	12	8000	35	8000
Price	Rs/t														
Gross Revenue	Rs/ha		240000		180000		120000		95000		150000		96000		280000
INPUTS															
Seed Material	kg	6	6000	6	2700	0.375	282	62	8370	0.225	2475	1.75	3937	4	6000
Agrochemicals	l/kg	0	8750		8750		8750		8750		13750		13875		8750
Inorg. Fertilizer	kg	1000	11000	865	9515	905	9955	470	8250	900	9900	795	8745	1000	11000
Machinery & Equip.			12500		7500	1	7500	1	7500	1	12500	1	7500	1	12500
Org. Fertilizers	loads	21.25	31875	5	7500			5	7500					20	30000
Nursery Management	md	15	1500												
Miscellaneous				10	15250										
Labour															
Land Prepn.	md	60	6000	15	1500	25	2500	25	2500	20	2000	25	2500	60	6000
Plantg.	md	50	5000			20	2000			15	1500	20	2000		
Fertilg.	md	25	2500	20	2000	25	2500	55	5500	25	2500	25	2500	25	2500
P/D Concl.	md	20	2000	20	2000	30	3000	15	1500	50	5000	40	4000	20	2000
Weedg.	md	25	2500	30	3000	60	6000	24	2400	50	5000	50	5000		
Irrign.	md	100	10000	15	1500	75	7500	30	3000	100	10000	100	10000	100	10000
Harvestg.	md	20	2000	40	4000	40	4000	15	1500	25	2500	40	4000	60	6000
Miscellans.	md			50	5000	7	700			10	1000	7	700	30	3000
Total	md	315	31500	190	19000	282	28200	164	16400	295	29500	307	30700	295	29500
Cost Of Production			101625		70215		54687		56770		68125		64757		97750
Net Revenue			138375		109785		65313		38230		81875		31243		182250

Source: Crop Enterprise Budjets, DOA

Table 4.3-24 ANTICIPATED CROP BUDGETS (2/2)

Description	Unit	Gotukola Irrigated:		Leeks Irrigated:		Okra Irrigated:		Pole Beans Irrigated:		Radish Irrigated:		Snake Gourd Irrigated:		Tomato Irrigated:	
		Description	Value	Description	Value	Description	Value	Description	Value	Description	Value	Description	Value	Description	Value
Yield	t/ha	36.5		30		16		10		40		30		25	
Price	Rs/t		10000		9000		5000		10000		1500		3000		4500
Gross Revenue	Rs/ha		365000		270000		80000		100000		60000		90000		112500
INPUTS															
Seed Material	kg			3.75	8250	4.5	12025	50	6750	5	5000	40	2200	0.35	280
Agrochemicals	l/kg		1700		6250		3750		8750		875		8750		8750
Inorg. Fertilizer	kg		1075	775	8525	650	7150	750	8250	600	6600	865	9515	750	8250
Machinery & Equip.			9000	1	12500	1	7500	1	12500	1	7500	1	7500	1	8750
Org. Fertilizers	loads			21.5	31875	5	7500					5	7500	6.25	9375
Nursery Management	md														
Miscellaneous			13000						10000			10	15250		5000
Labour															
Land Prep.	md	75	7500	70	7000	30	3000	20	2000	20	2000	15	1500	15	1500
Plantg.	md	75	7500	23	2300							30	3000	25	2500
Fertig.	md	10	1000	45	4500	10	1000	25	2500	15	1500	20	2000	20	2000
P/D Concl.	md	8	800	25	2500	12	1200	15	1500	10	1000	20	2000	20	2000
Weedg.	md	180	18000	150	15000	30	3000	21	2100	15	1500	30	3000	30	3000
Irrig.	md	70	7000	110	11000	30	3000	60	6000	25	2500	15	1500	50	5000
Harvestg.	md	360	36000	75	7500	18	1800	15	1500	30	3000	30	3000	100	10000
Miscellaneous.	md			10	1000	20	2000	26	2600			50	5000	20	2000
Total	md	778	77800	508	50800	150	15000	182	18200	115	11500	210	21000	280	28000
Cost Of Production			102575		118200		52925		64450		31475		71715		68405
Net Revenue			262425		151800		27075		35550		28525		18285		44095

Source: Crop Enterprise Budgets, DOA

Table 4.4-1 PER CAPITA AVAILABILITY OF ANIMAL PRODUCTS -1991

Items	kg / year	gram / day	protein gram / day
Meat			
Tinned Meat	0.00	0.00	0.00
Beef	1.35	3.69	0.83
Pork	0.13	0.35	0.05
Mutton *	0.11	0.30	0.06
Poultry	0.89	2.43	0.63
(Total Meat)	(2.48)	(6.77)	(1.57)
Milk and Dairy Products			
Cow Milk	8.07	22.10	0.71
Buffalo Milk	3.62	9.92	0.43
Tinned (Whole Dried)	2.67	7.33	1.89
Condensed	0.26	0.70	0.05
Milk Food	0.10	0.28	0.01
Butter	0.05	0.15	-
Cheese	0.02	0.05	0.01
(Total Dairy Products)	(14.79)	(40.53)	(3.10)
Eggs	2.60	7.12	0.95
TOTAL	19.87	54.42	5.62

Source: Department of Census & Statistics.

* Meat from Goats and Sheep.

Table 4.4-2 LIVESTOCK NUMBERS AND PRODUCTION IN RECENT YEARS ('000)

Livestock	Unit	1987	1988	1989	1990	1991*
Cattle	Head	1,808	1,788	1,820	1,773	1,477
Slaughtered	Head	184	163	151	-	-
Production of Milk	Litre	157,969	162,155	172,859	215,792	208,822
Buffaloes	Head	1,008	963	967	958	825
Production of Milk	Litre	62,919	64,397	65,344	75,961	70,859
Sheep and Goats	Head	531	538	548	547	480
Slaughtered	Head	111	104	-	-	-
Pigs	Head	97	95	94	85	84
Slaughtered	Head	20	21	19	-	-
Poultry	Units	8,619	6,674	8,833	8,797	8,261
Production of Eggs	Pcs.	814,874	777,710	833,746	817,349	784,772

Source: Department of Census and Statistics, 1992.

* Provisional.

Table 4.4-3 EXPANSION OF THE DAIRY SECTOR TO ACHIEVE 30% SELF-SUFFICIENCY

Base Data:	Population (Million)	17.5										
	Population Growth Rate:	1.50%										
	GNP Growth Rate:	3.2%										
	Base Market Size: (Million liters)	380										
	Domestic Production / Total Market, Base year:	20.0%										
	Domestic Production / Total Market, Target:	30.0%										
	Average procurement (Base) (Liter / day)	3.0										
	Supplier Growth in Production (% / year)	5.0%										
	Base	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
Population (Million)	17.5	17.8	18.0	18.3	18.6	18.9	19.1	19.4	19.7	20.0	20.3	
Total Formal Milk Market (Million liters)	380	398	417	436	457	479	501	524	549	575	602	
Milk ex Domestic Production (%)	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	
Milk ex Import(%)	80.0	79.0	78.0	77.0	76.0	75.0	74.0	73.0	72.0	71.0	70.0	
Local Milk Production (Million liters)	76.0	83.6	91.6	100.3	109.6	119.5	130.1	141.5	153.6	166.6	180.5	
Imported Milk (Million liters)	304.0	314.3	324.9	335.8	347.0	358.6	370.4	382.6	395.1	407.9	421.1	

Source: Livestock Sector Policy Review Final Report, ADB, November, 1992.

Table 4.4-4 LIVESTOCK NUMBERS IN THE STUDY AREA -1991 ('000)

PROVINCE	DISTRICT	Cattle	Buffaloes	Goats	Pigs	Poultry
CENTRAL	Kandy	54,100	24,700	26,100	800	553,400
	Matale	42,400	31,500	13,000	1,900	197,500
	Nuwara Eliya	41,400	7,700	13,400	500	161,000
	(Sub Total)	(137,900)	(63,900)	(52,500)	(3,200)	(911,900)
(National Share)		(9.26%)	(7.74%)	(11.41%)	(3.53%)	(11.03%)
UVA	Badulla	79,500	16,300	18,200	100	214,300
	Moneragala	53,400	33,800	4,400	100	88,400
	(Sub Total)	(132,900)	(50,100)	(22,600)	(200)	(302,700)
	(National Share)	(8.99%)	(6.07%)	(7.43%)	(3.35%)	(3.66%)
SABARAGAMUWA	Ratanapura	41,400	28,900	11,100	600	167,100
	Kegalle	22,600	19,100	23,100	2,200	246,300
	(Sub Total)	(64,000)	(48,000)	(34,200)	(2,800)	(413,400)
	(National Share)	(4.33%)	(5.83%)	(7.43%)	(3.55%)	(5.00%)

Source: Livestock Statistics, 1991/92.

Table 4.4-5 DETAILS OF DAIRY FARMING SYSTEMS

	THE ESTTE SYSTEMS	THE MID COUNTRY SMALL HOLDER SYSTEMS	THE COCUNUT TRIANGLE SYSTEMS	THE DRY ZONE EXTENSIVE SYSTEMS
Type of Farmer	Tea Estate Labourers	Small scale Farmers	Estate Farms	Medium Scale Farmers
Type of Breed	Exotic Breed	Exotic or Crossbred	Crossbred or Indigenous	Indigenous or Indian Breed
Herd Size	2 - 5 head	2 - 5 head	5 - 6 head	10 - 25 head
Milk Yield per Day	Up to 6.5 liter	Up to 6.5 liter	2-2.5 liter	1.5-2 liter
Feeding Systems	Intensive (Zero Grazing)	Intensive (Zero Grazing)	Extensive (Thering or Free Grazing)	Extensive (Free Grazing)
Grass Origin	Roadside	Roadside Riverbank Paddy Field	Pasture Natural Grass Land	Natural Pasture
Supplemental Feed	Poonac Concentrate	Poonac Rice Bran	Poonac Rice Bran	None
Breeding Systems	AI or Natural Breeding	AI or Natural Breeding	Natural Breeding	Natural Breeding

Source: Field Survey Results by Study Team, Apr.-May, 1993.

Table 4.4-6 RECENT OUTBREAKS OF MAIN LIVESTOCK DISEASES
(ALL ISLAND -1990)

Name of Disease	Number of Outbreaks	Number of Dead	Mortality Rate	Number of Vaccinated
Rinderpest	1,066	246	23.0%	25,311
Haemorrhagic Septicaemia	60	46	76.0%	84,234
Foot and Mouth Disease	141	1	0.7%	1,527
Blackleg	13	8	62.0%	1,069
Swine Fever	4	4	100.0%	5,547

Source: Veterinary Surgeon / Epidemiology, 1990.

Table 4.4-7 DISTRICT URBAN RETAIL PRICES FOR MEAT, MILK AND EGGS (ANNUAL AVERAGE 1989 - 1990)

	(Rs / Unit)				
	1987	1988	1989	1990	1991
Cow Milk Fresh (per Litre)					
Colombo	-	-	7.73	8.00	12.51
Kandy	-	5.66	7	6.50	10.67
Matale	-	6.12	8.08	8.02	9.7
Nuwara Eliya	-	6	7	6.13	8
Badulla	-	3.75	5.5	5.83	8
Monaragara	-	-	5.81	4.67	10
Ratnapura	-	4.46	4.54	5.94	9.36
Kegalle	-	-	6.29	6.00	11.7
Egg Medium (per each)					
Colombo	1.38	1.52	1.93	2.26	2.36
Kandy	1.34	1.48	2.04	2.90	2.34
Matale	1.36	1.7	2.1	2.48	2.42
Nuwara Eliya	1.51	1.84	2.08	2.48	2.42
Badulla	1.51	1.81	2.33	2.49	2.83
Monaragara	1.57	1.68	2.22	2.51	2.69
Ratnapura	1.37	1.79	2.17	2.38	2.74
Kegalle	1.36	1.79	2.31	2.34	2.28
Beef without Bones (per kg)					
Colombo	34.37	-	44.33	60.83	68.33
Kandy	35.37	32.33	35.25	54.17	67.08
Matale	29.37	28	33.67	51.25	66.67
Nuwara Eliya	35	30	32.5	58.33	66.46
Badulla	30.21	30	34.58	53.33	57.5
Monaragara	26.47	24	31	47.50	54.17
Ratnapura	30	35	37.92	62.50	63.33
Kegalle	30	-	41.67	61.25	65.83
Broiler Chicken Dressed (per kg)					
Colombo	-	-	55	66.25	-
Kandy	-	54.5	54.92	70.33	-
Matale	-	51.67	60.83	75.83	-
Nuwara Eliya	-	60	59.42	69.17	-
Badulla	-	51.35	57.42	74.33	-
Monaragara	-	55	56.92	66.58	-
Ratnapura	-	55	59.83	100.00	-
Kegalle	-	-	64.42	76.67	-
Pork Fresh (per kg)					
Colombo	-	40	52.92	69.42	62.92
Kandy	-	-	52.5	71.58	-
Matale	40	40	45.42	69.42	52.92
Nuwara Eliya	48.16	62	50.83	68.75	52.92
Badulla	48.63	48.75	40	67.92	-
Monaragara	-	-	42.5	67.92	-
Ratnapura	-	40	50.83	73.33	77.92
Kegalle	-	-	46.67	68.33	62
Mutton (per kg)					
Colombo	72.16	80	86.67	65.00	125.81
Kandy	61.37	67.5	65.58	-	120
Matale	40	62.08	69.17	53.00	118.54
Nuwara Eliya	71.35	72	78.25	-	105.83
Badulla	60	62.5	70	-	88.33
Monaragara	-	-	70	-	90
Ratnapura	65	76	81.67	67.50	100
Kegalle	40	-	83.75	-	115.42

Source: Sri Lanka Livestock Statistics, 1991/92.

Table 4.4-8 NUMBER OF ARTIFICIAL INSEMINATION FOR CATTLE BY PROVINCE

Provinces	1987	1988	1989	1990	1991	1992*
CENTRAL	17,141	13,515	12,870	18,870	21,443	15,049
SABALAGAMUWA	1,568	1,309	857	1,502	1,980	2,183
UVA	3,441	2,415	2,400	3,481	3,712	2,608
North Central	2,025	662	794	638	1,125	1,739
Eastern	1,165	87	24	295	116	429
North Western	4,196	6,305	5,917	8,683	9,167	5,416
Northern	9,588	7,181	8,946	5,862	4,974	4,384
Southern	1,985	1,661	1,057	1,517	1,888	2,772
Western	5,323	4,996	3,317	6,179	6,814	5,060

Source: Department of Animal Production and Health.

* Up to Aug., 1992 only.

Table 4.4-9 NATIONAL LIVESTOCK DEVELOPMENT BOARD (NIDB)
STATE FARMS AND STOCK POSITION IN THE STUDY AREA
(Head or Unit)

DISTRICT	FARMS	CATTLE	BUFFALO	PIGS	POULTRY	GOATS /SHEEP
Nuwara Eliya	Ambawela	799	63	262	-	-
	New Zealand	371	-	-	-	212
	Haragama	-	119	-	-	-
	Rosita	100	11	-	-	163
	Bopatalawa	647	-	-	-	-
	Dayagama	456	-	-	-	-
Kandy	Mahaweliattenne	241	-	192	20,371	-
TOTAL	7 FARMS	2,614	193	454	20,371	375

Source: Livestock Statistics, 1991 / 92.

Table 4.4-10 ON-GOING DEVELOPMENT PROJECT IN THE STUDY AREA
IRDP (INTEGRATED RURAL DEVELOPMENT PROJECT)

PROJECT TITLE AND BASIC INFORMATION	OBJECTIVES	ACHIEVEMENTS
IRDP Nuwara Eliya (Government of Netherlands) grant, 1980 - open, Rs. 12.8 m. IRDP Monaragala (Government of Norway) grant, 1984 - open, Rs. 3.5 m. IRDP Ratanapura (Government of Netherlands) grant, 1984 - open, IRDP Kegalle (IFAD & IDA loan) loan, 1987 - open, Rs. 1 m. IRDP Kandy (Government of FRG) grant, 1987 - open, Rs. 0.8 m..	Improvement of support services for animal husbandry development, by providing office facilities for VSS, ie new buildings, where needed., furniture & equipment and vechicles, establishment/assistance for marketing organisations, providing of credit for livestock.	The support services for animal husbandry development activities in the respective districts have improved very much. However, the inadequacy of funds for operation and maintenance have been a limiting factor for the full use of facilities provided. The assistance for milk((marketing showed the largest benefits.
Small Holders Integrated Livestock Extension Project (SILEP) (GTZ, 1992 - 1994) Rs. 76.5 m.	To enhance crop/stock integration for high percentage of poor rural house holds areas.	

ON-GOING DEVELOPMENT SCHEMES WITH LOCAL FUNDS.

PROJECT TITLE	OBJECTIVES	ACHIEVEMENTS/IMPACT
Incentive for Expanding the AI	In order to encourage the AI technicians to perform their service better, and also to expand the number of AIs done per year, the government has approved the payment of an attractive incentive both to the AI technicians and the veterinary surgeons.	The scheme was first started in July 1991, as a pilot project in the Western province and the Central province. The scheme was later expanded to all the provinces in October 1991. The AI technicians will be eligible for Rs. 200 for every calf produced with AI and over a set norm for the district/area where he works. The veterinary surgeons are encouraged to do pregnancy tests on the cows inseminated, and for the calves born if a PD had been performed earlier (between 2 - 3 months after AI), the VS will receive Rs.100 per PD.
Heifer Calf Rearing Scheme	High calf mortality due to disease and nutritional deficiencies, had been an important cause for the poor supply of quality females for expanding the dairy industry. Government attempts to rectify this situation by providing in kind management support to rear the female calves upto the age of 32 months.	This scheme which commenced as a pilot scheme in Kandy, Matale districts was expanded to all the districts from October 1991. The value of the support provided per calf is around RS. 4,750.
Pasture Subsidy Scheme	Hill and mid country for establishing pasture after uprooting permanent plantatio Rs. 3,000 / ac.	

Source: Department of Animal Production and Health.

Table 4.5-1

MAJOR/MEDIUM SCHEMES IN THE STUDY AREA (1/2)

District	Division	Project Name	Unit : ha	
			Design Irrigable Area	Actual Irrigation Area
Central Province				
Matale	Laggala	Hattota Amuna	206.5	243.9
	Laggala	Bowatenna Anicut	117.8	120.3
	Laggala	Radagalpotha Anicut	81.3	81.3
	Naula	Nalanda Reservoir	473.5	473.5
	Dambulla	Wewala Wewa	97.6	97.6
	Dambulla	Pahala Eraula Wewa	81.3	81.3
	Wilgamuwa	Himbiliyakada Wewa	156.1	52.8
Sub-Total			1,214.1	1,150.7
Kandy	Pathahewaheta	Murapola Anicut	666.6	569.0
	Ganga Ihala Korale	Gampolawela Raja Ela Anicut	177.2	182.5
	Panwila	Undugoda Bandara Anicut	120.3	120.3
	Gampola Uda Palatha	Gurukele Galpihilla Anicut	119.9	48.8
	Minipe	Minipe Yoda Ela Anicut	4,908.5	6,130.0
Sub-Total			5,992.6	7,050.6
Nuwara Eliya	Hanguranketa	Kitulpe Ela Anicut	157.7	157.7
	Hanguranketa	Ma Ela Anicut	570.3	700.0
	Hanguranketa	Lamasuriyagama Anicut	138.0	138.0
	Hanguranketa	Bodhi Ela Anicut	147.6	203.3
	Nuwara Eliya	Waduwwala Anicut	195.1	142.3
	Walapane	Mulhalela Anicut	173.2	173.2
	Walapane	Bolagandawela Anicut	144.7	170.7
	Walapane	Keenawela Anicut	106.5	106.5
	Walapane	Paragaha Arawa Anicut	81.3	81.3
Sub-Total			1,714.4	1,872.9
Total of Central Province			8,921.0	10,074.3
Uva Province				
Badulla	Hali Ela	Matotilla Anicut Scheme	285.0	200.0
	Welimada	Kande Ela Scheme	640.0	960.0
	Welimada	Ambewela Reservoir Scheme	392.0	410.0
	Welimada	Maha Eliya Scheme	216.0	147.0
	Welimada	Dambawinna Wewa	108.0	80.0
	Uva Paranagama	Uma Ela	813.0	740.0
	Soranatota	Taldena Ela Scheme	130.0	130.0
	Passara	Peesa Ela Scheme	170.0	48.0
	Mahiyangana	Sorabora Wewa	1,278.0	2,000.0
	Mahiyangana	Mapakada Wewa	376.0	528.5
	Mahiyangana	Dambarawa Wewa	428.9	650.4
	Migahakivula	Komarika Anicut	120.0	120.0
	Ridimaliyadde	Nagadeepa Scheme	1,626.0	1,626.0
	Ridimaliyadda	Dehigama Reservoir	154.5	113.8
	Ridimaliyadda	Demodara Perani Kandiya	160.0	110.0
	Kandeketiya	Badulu Oya Anicut	685.0	685.0
	Kandaketiya	Bathmedilla Anicut	465.0	600.0
	Kandaketiya	Gurudiyahilla Wewa	81.3	1.6
Sub-Total			8,128.6	9,150.3

Table 4.5-1

MAJOR/MEDIUM SCHEMES IN THE STUDY AREA (2/2)

District	Division	Project Name	Unit : ha		
			Design Irrigable Area	Actual Irrigation Area	
Monaragala	Wellawaya	Handapanagala Wewa	404.9	404.9	
	Wellawaya	Debara Ara Wewa	97.2	97.2	
	Wellawaya	Mallathawela Radapola Amuna	121.5	298.8	
	Wellawaya	Sudupanawela Amuna	242.9	242.9	
	Wellawaya	Balaharuwa Wewa	85.0	85.0	
	Wellawaya	Dambe Wewa	93.1	93.1	
	Wellawaya	Horabokka Amuna	101.2	101.2	
	Buttala	Yudaganawa Wewa	182.2	182.2	
	Buttala	Kukurampola Amuna	144.8	144.8	
	Buttala	Halmillapillewa Wewa	81.0	81.0	
	Buttala	Pelwatta Amuna	121.5	121.5	
	Buttala	Kumbukkan Oya Anicut	804.0	809.0	
	Buttala	Buttala Anicut Scheme	646.0	646.0	
	Tanamalwila	Maha Wewa	101.2	40.5	
	Tanamalwila	Hambegamuwa Wewa	273.3	223.6	
	Tanamalwila	Kandiyapita Wewa	145.8	145.8	
	Tanamalwila	Kahakurullanpelessa Wewa	101.2	8.1	
	Tanamalwila	Karavila Mailagama Detagamuwa Wew	161.9	161.9	
	Siyabalanduwa	Muthukandiya Reservoir	813.0	813.0	
	Siyabalanduwa	Ethimale Wewa	405.5	506.0	
	Siyabalanduwa	Kotiyagala Wewa	182.9	182.9	
	Monaragala	Hulandawa Left Bank Scheme	91.5	91.5	
	Bibile	Dehiattawela Anicut Scheme	300.0	300.0	
	Bibile	Badulu Oya Wewa	241.0	300.0	
	Bibile	Aran Amuna	60.0	80.0	
	Medagama	Monerawana Anicut	93.0	10.5	
	Medagama	Magandana Anicut Scheme	80.0	26.0	
			Sub-Total	6,175.4	6,197.2
	Total of Uva Province			14,304.1	15,347.5
	Sabaragamuwa Province				
Ratnapura	Balangoda	Uggal Kaltota Anicut	1,100.0	1,100.0	
	Pelmadulla	Batugedare Anicut	87.8	87.8	
	Kolonne	Panamure Anicut	508.1	508.1	
	Kolonne	Walagoda Anicut	182.9	182.9	
	Embilipitiya	Hulandawa Oya Anicut	122.0	81.3	
	Atakalanpanna	Wellawa Anicut	243.9	122.0	
	Elapatha	Damme Ela	162.6	162.6	
		Sub-Total	2,407.3	2,244.7	
Kegalle	No Major and Minor Schemes		0.0	0.0	
Total of Sabaragamuwa Province			2,407.3	2,244.7	
Total Area of Major and Medium Scheme			25,632.3	27,666.4	

Table 4.5-2

EXTENT OF IRRIGATION SCHEMES IN THE STUDY AREA (1/2)

District	Division	Major and Medium Scheme			Minor Scheme			Total Area- ha	Extent in percent				
		Over 600 ha	80 to 600 ha	Sub-total	Over 30 ha	5 to 30 ha	Below 5 ha		Sub-total	Major	Minor	Total	
Matale	Galewela			0.0	652.6	744.3	89.2	1,486.1	1,486.1	0.00%	1.92%	1.92%	
	Dambulla		178.9	178.9	840.3	1,226.5	111.9	2,178.7	2,357.6	0.23%	2.81%	3.05%	
	Naula		473.5	473.5	527.7	483.4	118.0	1,129.1	1,602.6	0.61%	1.46%	2.07%	
	Pallepola			0.0	62.4	395.5	215.1	673.0	673.0	0.00%	0.87%	0.87%	
	Yatawatta			0.0	0.0	449.3	210.5	659.8	659.8	0.00%	0.85%	0.85%	
	Matale			0.0	32.4	228.1	139.0	399.5	399.5	0.00%	0.52%	0.52%	
	Ambanganga Korale			0.0	42.5	246.6	92.6	381.7	381.7	0.00%	0.49%	0.49%	
	Laggala		405.6	405.6	0.0	12.1	0.0	12.1	417.7	0.52%	0.02%	0.54%	
	Wilgamuwa		156.1	156.1	100.4	367.2	101.1	568.7	724.8	0.20%	0.73%	0.94%	
	Rattota			0.0	147.8	649.4	273.2	1,070.4	1,070.4	0.00%	1.38%	1.38%	
	Ukuwela			0.0	48.6	508.4	134.4	691.4	691.4	0.00%	0.89%	0.89%	
Sub-total		0.0	1,214.1	1,214.1	2,454.7	5,310.8	1,485.0	9,250.5	10,464.6	1.57%	11.95%	13.52%	
Kandy	Pujapitiya			0.0	0.0	218.2	87.2	305.4	305.4	0.00%	0.39%	0.39%	
	Akurana			0.0	80.9	43.7	28.0	152.6	152.6	0.00%	0.20%	0.20%	
	Pata Dumbara			0.0	34.8	208.2	45.1	288.1	288.1	0.00%	0.37%	0.37%	
	Panwila		120.3	120.3	30.4	67.2	23.2	120.8	241.1	0.16%	0.16%	0.31%	
	Uda Dumbara			0.0	43.7	1,121.2	414.1	1,579.0	1,579.0	0.00%	2.04%	2.04%	
	Minipe		4,908.5	4,908.5	442.3	364.2	27.6	834.1	5,742.6	6.34%	1.08%	7.42%	
	Meda Dumbara			0.0	747.8	924.9	829.6	2,502.3	2,502.3	0.00%	3.23%	3.23%	
	Kundasale			0.0	0.0	202.2	99.1	301.3	301.3	0.00%	0.39%	0.39%	
	Kandy			0.0	404.4	80.6	83.6	568.6	568.6	0.00%	0.73%	0.73%	
	Harispattuwa			0.0	0.0	278.9	65.7	344.6	344.6	0.00%	0.45%	0.45%	
	Tumpane			0.0	93.1	500.4	385.7	979.2	979.2	0.00%	1.27%	1.27%	
	Yatinuwara			0.0	0.0	329.5	153.7	483.2	483.2	0.00%	0.62%	0.62%	
	Udunuwara			0.0	70.8	303.5	174.6	548.9	548.9	0.00%	0.71%	0.71%	
	Pata Hewaheta		666.6	666.6	0.0	820.3	420.9	1,241.2	1,907.8	0.86%	1.60%	2.46%	
	Udawalata		119.9	119.9	124.7	508.3	127.9	760.9	880.8	0.15%	0.98%	1.14%	
	Ganga Ihala Korale		177.2	177.2	56.7	130.2	129.7	316.6	493.8	0.23%	0.41%	0.64%	
	Pasbage Korale			0.0	0.0	258.9	51.2	310.1	310.1	0.00%	0.40%	0.40%	
	Sub-total		666.6	5,325.9	5,992.5	2,129.6	6,360.4	3,146.9	11,636.9	17,629.4	7.74%	15.03%	22.78%
Nuwara Eliya	Kotmale			0.0	295.6	379.5	163.7	838.8	838.8	0.00%	1.08%	1.08%	
	Uda Hewaheta		1,013.6	1,013.6	883.6	2,100.3	749.1	3,733.0	4,746.6	1.31%	4.82%	6.13%	
	Walapane		505.7	505.7	821.5	1,700.8	419.5	2,941.8	3,447.5	0.65%	3.80%	4.45%	
	Nuwara Eliya		195.1	195.1	33.2	84.2	11.7	129.1	324.2	0.25%	0.17%	0.42%	
	Ambagamuwa Korale			0.0	56.7	137.4	115.5	309.6	309.6	0.00%	0.40%	0.40%	
	Sub-total		0.0	1,714.4	1,714.4	2,090.6	4,402.2	1,459.5	7,952.3	9,666.7	2.21%	10.27%	12.49%
Badulla	Mahiyangansaya		1,278.0	804.9	2,082.9	0.0	0.0	0.0	2,082.9	2.69%	0.00%	2.69%	
	Ridimaliyadda		1,626.0	314.5	1,940.5	0.0	39.1	0.0	39.1	1,979.6	2.51%	0.05%	2.56%
	Migahakivula			120.0	120.0	0.0	7.0	0.0	7.0	127.0	0.16%	0.01%	0.16%
	Kandaketiya		685.0	546.3	1,231.3	0.0	22.3	103.1	1,356.7	1.59%	0.16%	1.75%	
	Uva Paranagama		813.0		813.0	103.1	270.5	236.3	609.9	1,422.9	1.05%	0.79%	1.84%
	Haliela			285.0	285.0	0.0	374.4	180.6	555.0	840.0	0.37%	0.72%	1.09%
	Sorاناتota			130.0	130.0	0.0	262.2	123.5	385.7	515.7	0.17%	0.50%	0.67%
	Passara			170.0	170.0	0.0	363.1	202.1	565.2	735.2	0.22%	0.73%	0.95%
	Badulla			0.0	34.4	239.0	7.2	280.6	280.6	0.00%	0.36%	0.36%	
	Ella			0.0	0.0	109.3	50.8	160.1	160.1	0.00%	0.21%	0.21%	
	Bandarawela			0.0	0.0	138.0	217.0	355.0	355.0	0.00%	0.46%	0.46%	
	Haputale			0.0	64.8	446.1	153.3	664.2	664.2	0.00%	0.86%	0.86%	
	Welimada		640.0	716.0	1,356.0	122.6	1,032.9	272.5	1,428.0	2,784.0	1.75%	1.84%	3.60%
	Haldummulla			0.0	79.0	396.1	136.2	611.3	611.3	0.00%	0.79%	0.79%	
	Sub-total		5,042.0	3,086.7	8,128.7	403.9	3,700.0	1,682.6	5,786.5	13,915.2	10.50%	7.48%	17.98%
	Monaragala	Madulla			0.0	0.0	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%
		Wellassa		601.0	601.0	0.0	0.0	0.0	0.0	601.0	0.78%	0.00%	0.78%
Medagama			173.0	173.0	0.0	0.0	0.0	0.0	173.0	0.22%	0.00%	0.22%	
Badalkumbura				0.0	138.5	660.0	210.5	1,009.0	1,009.0	0.00%	1.30%	1.30%	
Monaragala				91.5	0.0	241.2	23.0	264.2	355.7	0.12%	0.34%	0.46%	
Siyambalanduwa			813.0	588.4	1,401.4	582.0	424.2	9.8	1,016.0	2,417.4	1.81%	1.31%	3.12%
Buttala			1,450.0	529.5	1,979.5	89.1	323.5	0.0	412.6	2,392.1	2.56%	0.53%	3.09%
Wellawaya				1,145.8	1,145.8	106.1	659.2	43.5	808.8	1,954.6	1.48%	1.04%	2.53%
Tanamalwila				783.4	783.4	825.7	433.1	43.0	1,301.8	2,085.2	1.01%	1.68%	2.69%
Sub-total			2,263.0	3,912.6	6,175.6	1,741.4	2,741.2	329.8	4,812.4	10,988.0	7.98%	6.22%	14.20%

Table 4.5-2

EXTENT OF IRRIGATION SCHEMES IN THE STUDY AREA (2/2)

District	Division	Major and Medium Scheme		Minor Scheme				Total Area ha	Extent in percent			
		Over 600 ha to 600 ha	Sub-total	Over 30 ha	5 to 30 ha	Below 5 ha	Sub-total		Major	Minor	Total	
Kegalle	Rambukkana			0.0	0.0	295.6	211.1	506.7	506.7	0.00%	0.65%	0.65%
	Mawancella			0.0	238.9	331.6	168.4	738.9	738.9	0.00%	0.95%	0.95%
	Aranayaka			0.0	147.3	583.5	289.7	1,020.5	1,020.5	0.00%	1.32%	1.32%
	Galigamuwa			0.0	30.4	196.5	191.6	418.5	418.5	0.00%	0.54%	0.54%
	Kegallo			0.0	0.0	137.6	230.0	367.6	367.6	0.00%	0.47%	0.47%
	Warakapola			0.0	34.4	478.3	218.0	730.7	730.7	0.00%	0.94%	0.94%
	Ruwanwella			0.0	0.0	135.4	74.8	210.2	210.2	0.00%	0.27%	0.27%
	Yatiyantota			0.0	50.6	79.7	134.9	265.2	265.2	0.00%	0.34%	0.34%
	Deraniyagala			0.0	31.6	0.0	13.9	45.5	45.5	0.00%	0.06%	0.06%
	Dchiowita			0.0	0.0	17.3	35.0	52.3	52.3	0.00%	0.07%	0.07%
	Sub-total	0.0	0.0	0.0	533.2	2,255.5	1,567.4	4,356.1	4,356.1	0.00%	5.63%	5.63%
Ratnapura	Eheliyagoda			0.0	0.0	301.3	30.2	331.5	331.5	0.00%	0.43%	0.43%
	Kuruwita			0.0	335.7	1,050.1	111.9	1,497.7	1,497.7	0.00%	1.93%	1.93%
	Ratnapura			0.0	98.8	375.0	41.6	515.4	515.4	0.00%	0.67%	0.67%
	Imbulpe			0.0	161.9	188.8	55.5	406.2	406.2	0.00%	0.52%	0.52%
	Balangoda	1,100.0		1,100.0	371.9	608.4	302.7	1,283.0	2,383.0	1.42%	1.66%	3.08%
	Pelmadulla		87.8	87.8	195.9	382.4	108.4	686.7	774.5	0.11%	0.89%	1.00%
	Nivitiigala			0.0	0.0	321.4	100.4	421.8	421.8	0.00%	0.54%	0.54%
	Kahawatta			0.0	0.0	71.7	26.3	98.0	98.0	0.00%	0.13%	0.13%
	Elapatha		162.6	162.6	0.0	253.6	69.0	322.6	485.2	0.21%	0.42%	0.63%
	Ayagama			0.0	0.0	86.7	56.6	143.3	143.3	0.00%	0.19%	0.19%
	Kalawana			0.0	30.4	207.3	56.9	294.6	294.6	0.00%	0.38%	0.38%
	Godakawela			0.0	54.2	271.2	130.2	455.6	455.6	0.00%	0.59%	0.59%
	Opanayaka			0.0	41.3	148.3	94.1	283.7	283.7	0.00%	0.37%	0.37%
	Weligepola			0.0	175.2	146.1	58.2	379.5	379.5	0.00%	0.49%	0.49%
	Embilitipitiya		365.9	365.9	139.7	297.2	18.0	454.9	820.8	0.47%	0.59%	1.06%
	Kolonna		691.0	691.0	0.0	375.1	28.4	403.5	1,094.5	0.89%	0.52%	1.41%
	Sub-total	1,100.0	1,307.3	2,407.3	1,605.0	5,084.6	1,288.4	7,978.0	10,385.3	3.11%	10.31%	13.42%
Grand Total		9,071.6	16,561.0	25,632.6	10,958.4	29,854.7	10,959.6	51,772.7	77,405.3	33.11%	66.89%	100.00%

Table 4.5-3

CONDITION OF THE MAJOR/MEDIUM SCHEMES

Name of Scheme	District	Division	Necessity of Rehabilitation
Wewala Wewa	Matale	Dambulla	Intake Facilities, Canal, Canal Structure
Pahala Eraula Wewa	Matale	Dambulla	Intake Facilities, Canal
Hattota Amuna	Matale	Laggala	Intake Facilities, Canal, Canal Structure, Drainage Canal Structure
Bowatienna Anicut	Matale	Laggala	Canal Structure, Intake Facilities, Canal
Radagalpotha Anicut	Matale	Laggala	Canal
Nalanda Reservoir	Matale	Naula	Not Necessary
Himbiliyakada Wewa	Matale	Wilgamuwa	Not Necessary
Gurukela Galpihilla Anicut	Kandy	Gampola Uda Palatha	Intake Facilities, Canal, Drainage Canal, Canal Structure
Gampolawela Raja Ela Anicut	Kandy	Ganga Ihala Korale	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Minipe Yoda Ela Anicut	Kandy	Minipe	Canal Structure, Intake Facilities, Canal
Undugoda Bandara Anicut	Kandy	Panwila	Canal Structure, Intake Facilities, Canal, Drainage Canal
Marapola Anicut	Kandy	Pathahewaheta	Canal Structure, Intake Facilities, Canal, Drainage Canal
Kitulpe Ela Anicut	Nuwara Eliya	Hanguranketa	Canal, Canal Structure, Drainage Canal Structure
Ma Ela Anicut	Nuwara Eliya	Hanguranketa	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Lamasuriyagams Anicut	Nuwara Eliya	Hanguranketa	Canal Structure, Drainage Canal, Canal
Bodhi Ela Anicut	Nuwara Eliya	Hanguranketa	Canal Structure, Canal
Weduwawala Anicut	Nuwara Eliya	Nuwara Eliya	Intake Facilities, Canal, Canal Structure
Mulhalela Anicut	Nuwara Eliya	Walapane	Canal Structure, Intake Facilities, Canal
Bolgandawela Anicut	Nuwara Eliya	Walapane	Intake Facilities, Canal, Canal Structure
Keerawela Anicut	Nuwara Eliya	Walapane	Intake Facilities, Canal, Canal Structure
Paragaha Arawa Anicut	Nuwara Eliya	Walapane	Intake Facilities, Canal, Canal Structure
Matotilla Anicut Scheme	Badulla	Hali Ela	Canal Structure, Drainage Canal Structure, Canal
Bathmedilla Anicut	Badulla	Kandaketiya	Canal
Gurudiyahilla Wewa	Badulla	Kandaketiya	Canal Structure, Intake Facilities, Canal
Badulu Oya Anicut	Badulla	Kandaketiya	Intake Facilities
Sorabora Wewa	Badulla	Mahiyangana	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal
Mapakada Wewa	Badulla	Mahiyangana	Canal Structure, Canal
Dambazawa Wewa	Badulla	Mahiyangana	Canal Structure, Intake Facilities, Canal, Drainage Canal
Komarika Anicut	Badulla	Migahakivula	Canal Structure, Canal
Pessa Ela Scheme	Badulla	Passara	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal
Dehigama Reservoir	Badulla	Ridimaliyadda	Canal, Drainage Canal, Canal Structure
Demodara Perani Kandiya	Badulla	Ridimaliyadda	Canal Structure, Intake Facilities, Canal
Nagadeepa Scheme	Badulla	Ridimaliyadda	Canal Structure, Intake Facilities, Canal
Taldena Ela Scheme	Badulla	Soranatota	Canal
Uma Ela	Badulla	Uva Parangama	Canal Structure, Intake Facilities, Canal
Kande Ela Scheme	Badulla	Welimada	Canal Structure, Intake Facilities, Canal
Ambewela Reservoir Scheme	Badulla	Welimada	Canal Structure, Drainage Canal Structure, Canal, Drainage Canal
Maha Eliya Scheme	Badulla	Welimada	Canal Structure, Canal
Dambawinna Wewa	Badulla	Welimada	Intake Facilities, Canal Structure, Drainage Canal Structure
Dehiattawela Anicut Scheme	Monaragala	Bibile	Canal Structure, Drainage Canal Structure, Canal, Drainage Canal, Intake Facilities
Badulu Oya Wewa	Monaragala	Bibile	Canal Structure, Intake Facilities, Canal
Aran Amuna	Monaragala	Bibile	Canal
Kukurampola Amuna	Monaragala	Buttala	Canal Structure, Canal
Yudaganawa Wewa	Monaragala	Buttala	Canal Structure, Canal, Drainage Canal, Drainage Canal Structure
Halmillipillewa Wewa	Monaragala	Buttala	Canal Structure, Intake Facilities, Canal
Pelwatta Amuna	Monaragala	Buttala	Canal Structure, Canal
Kumbukkan Oya Anicut	Monaragala	Buttala	Intake Facilities, Canal, Canal Structure
Buttala Anicut Scheme	Monaragala	Buttala	Canal Structure, Intake Facilities, Canal, Drainage Canal
Monerawana Anicut	Monaragala	Medagama	Canal, Intake Facilities, Canal Structure
Magandana Anicut Scheme	Monaragala	Medagama	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Hulandawa Left Bank Scheme	Monaragala	Monaragala	Canal Structure, Intake Facilities, Canal, Drainage Canal
Muthukandiya Reservoir	Monaragala	Siyabalanduwa	Canal Structure, Canal, Drainage Canal
Bhimale Wewa	Monaragala	Siyabalanduwa	Intake Facilities, Drainage Canal, Canal, Canal Structure, Drainage Canal Structure
Kotiyala Wewa	Monaragala	Siyabalanduwa	Canal Structure, Canal
Hambegamuwa Wewa	Monaragala	Tanamalwila	Canal Structure, Canal
Kandiyapita Wewa	Monaragala	Tanamalwila	Canal Structure, Canal
Kahakurullapessa Wewa	Monaragala	Tanamalwila	Canal Structure, Canal
Karavila Mailagama Detagamuwa Wewa	Monaragala	Tanamalwila	Canal Structure, Intake Facilities, Canal
Maha Wewa	Monaragala	Tanamalwila	Canal Structure, Canal
Handapanagala Wewa	Monaragala	Wellawaya	Canal Structure, Intake Facilities, Canal, Drainage Canal
Debara Ara Wewa	Monaragala	Wellawaya	Canal Structure, Canal
Mallathawela Radapola Amuna	Monaragala	Wellawaya	Canal Structure, Canal, Drainage Canal
Sudapanawela Amuna	Monaragala	Wellawaya	Canal Structure, Canal
Dambe Wewa	Monaragala	Wellawaya	Canal Structure, Canal
Balaharuwa Wewa	Monaragala	Wellawaya	Canal Structure, Canal
Horabokka Amuna	Monaragala	Wellawaya	Canal Structure, Canal
Wellawa Anicut	Ratnapura	Atakalanpanna	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Uggal Kattota Anicut	Ratnapura	Balangoda	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Damne Ela	Ratnapura	Elapatha	Canal Structure, Drainage Canal Structure, Canal, Drainage Canal
Hulandawa Oya Anicut	Ratnapura	Embilipitiya	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal
Panamure Anicut	Ratnapura	Kolonne	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Walagoda Anicut	Ratnapura	Kolonne	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal, Drainage Canal
Batugedara Anicut	Ratnapura	Pelmadulla	Canal Structure, Drainage Canal Structure, Intake Facilities, Canal

MINOR SCHEME IN THE STUDY AREA (1/3)

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Table 4.5-4

MINOR SCHEME IN THE STUDY AREA (2/3)

District	Division	Agro-Eco Region	Tank Scheme Extent			Total Area	Anticut Scheme Extent			Total Area	In Percentage			Tank Scheme Numbers			Total Number	In Percentage																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			Over 30 ha	5 to 30 ha	Below 5 ha		Over 30 ha	5 to 30 ha	Below 5 ha		Over 30 ha	5 to 30 ha	Below 5 ha	Over 30 ha	5 to 30 ha	Below 5 ha		Over 30 ha	5 to 30 ha	Below 5 ha																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Badulla	Mahiyanganaya	IL2	0	0	0	0.0	0	0	0	0.0	0.0	35.81%	0	0	0	0.0	0	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Ridimaliyadda	IL2	0	25.1	0	25.1	0	14	0	14.0	64.19%	35.81%	0	1	0	1.0	0	1	0	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Migshakivula	IU2	0	0	0	0.0	0	7	0	7.0	0.00%	100.00%	0	0	0	0.0	0	1	0	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Kandakeiya	IM2	0	0	0	0.0	0	22.3	103.1	125.4	0.00%	100.00%	0	0	0	0.0	0	3	67	70.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Uva Paranganama	IM3/IM1	0	18.2	3.6	21.8	103.1	252.3	232.7	588.1	3.57%	96.43%	0	2	2	4.0	3	27	123	133.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Hulela	IU3/IU2	0	13.2	0	13.2	0	361.2	180.6	541.8	2.38%	97.62%	0	1	0	1.0	0	39	69	108.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Somnauwa	IU2	0	0	0	0.0	0	262.2	123.5	385.7	0.00%	100.00%	0	0	0	0.0	0	32	44	76.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Passara	IU2/IU3	0	0	0	0.0	0	363.1	202.1	565.2	0.00%	100.00%	0	0	0	0.0	0	35	84	119.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Badulla	IU2	0	12.1	0	12.1	34.4	226.9	7.2	268.5	4.31%	95.69%	0	1	0	1.0	1	18	2	21.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Ella	IU3/IM2	0	0	0	0.0	0	109.3	50.8	160.1	0.00%	100.00%	0	0	0	0.0	0	12	28	40.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Bandarawala	IU3	0	0	0	0.0	0	138	217	355.0	0.00%	100.00%	0	0	0	0.0	0	15	86	101.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Haputale	IU3	0	0	0	0.0	0	64.8	446.1	510.9	0.00%	100.00%	0	0	0	0.0	0	2	38	57																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Wellimada	IU3/WU3	0	26.3	7.9	34.2	122.6	1006.6	264.6	1,393.8	2.39%	97.61%	0	1	2	3.0	3	93	97	193.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Haidumulla	IU3/IM2	0	0	0	0.0	79	396.1	136.2	611.3	0.00%	100.00%	0	0	0	0.0	1	41	50	92.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Sub-total		0.0	94.9	11.5	106.4	403.9	3,605.1	1,671.1	5,680.1	1.84%	98.16%	0.0	6.0	4.0	10.0	10.0	355.0	707.0	1,072.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Monaragala	Madulla	IL2	0	0	0	0.0	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Wellissa	IM1/IL2	0	0	0	0.0	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Medagama	IM2	0	0	0	0.0	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Badakumbura	IM2	0	0	2.8	2.8	138.5	660	207.7	1,006.2	0.28%	99.72%	0	0	1	1.0	3	63	69	135.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Monaragala	IL1	0	85.4	13.8	99.2	0	155.8	9.2	165.0	37.55%	62.45%	0	4	3	7.0	0	12	4	16.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Siyambalandiwa	IL2/DL1	436.3	263.5	4.9	704.7	145.7	160.7	4.9	311.3	69.36%	30.64%	8	18	1	27.0	3	10	1	14.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Botala	DL1	89.1	275.8	0	364.9	0	47.7	0	47.7	88.44%	11.56%	2	21	0	23.0	0	4	0	4.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Wellawaya	IM2/DL1	106.1	458.9	1.6	566.6	0	200.3	41.9	242.2	70.05%	29.95%	3	33	2	38.0	0	13	18	31.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Tunamalwila	DL1	757.7	433.1	43	1,233.8	68	0	0	68.0	94.78%	5.22%	16	41	16	73.0	2	0	0	2.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Sub-total		1,389.2	1,516.7	66.1	2,972.0	352.2	1,224.5	263.7	1,840.4	61.76%	38.24%	29.0	117.0	23.0	169.0	8.0	102.0	92.0	202.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Kegalle	Rambukkana	WM3/WL1	0	68	0	68.0	0	227.6	211.1	438.7	13.42%	86.58%	0	7	0	7.0	0	27	74	101.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Mawaralla	WM3	0	0	0	0.0	238.9	331.6	168.4	738.9	0.00%	100.00%	0	0	0	0.0	5	30	56	91.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Aranyaka	WM3	0	0	0	0.0	147.3	583.5	289.7	1,020.5	0.00%	100.00%	0	0	0	0.0	3	54	98	155.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Galgamuwa	WL2	0	7.3	0	7.3	30.4	189.2	191.6	411.2	1.74%	98.26%	0	1	0	1.0	1	20	75	96.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Kegalle	WL2	0	0	0	0.0	0	137.6	230	367.6	0.00%	100.00%	0	0	0	0.0	0	13	93	106.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Warakapola		WM2/WL2	0	20.2	6.9	27.1	34.4	458.1	211.1	703.6	3.71%	96.29%	0	2	2	4.0	1	40	69	110.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Ruwemella		WL1	0	0	0	0.0	0	135.4	74.8	210.2	0.00%	100.00%	0	0	0	0.0	0	18	28	46.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Yayamoda		WL1	0	0	0	0.0	50.6	79.7	134.9	265.2	0.00%	100.00%	0	0	0	0.0	1	11	56	68.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Deraniyagala		WL1	0	0	0	0.0	31.6	0	13.9	45.5	0.00%	100.00%	0	0	0	0.0	1	0	6	7.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Dethiwa		WL1	0	0	0	0.0	0	17.3	35	52.3	0.00%	100.00%	0	0	0	0.0	0	3	17	20.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Sub-total			0.0	95.5	6.9	102.4	533.2	2,160.0	1,560.5	4,253.7	2.35%	97.65%	0.0	10.0	2.0	12.0	12.0	216.0	572.0	800.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Table 4.5-4

MINOR SCHEME IN THE STUDY AREA (3/3)

District	Division	Agro-Eco Region	Tank Scheme Extent			Total			In Percentage			Tank Scheme Numbers			Total			Ancient Scheme Numbers			Total			In Percentage		
			Over 30 ha	5 to 30 ha	Below 5 ha	Area	Over 30 ha	5 to 30 ha	Below 5 ha	Area	Tank	Ancient	Over 30 ha	5 to 30 ha	Below 5 ha	Number	Over 30 ha	5 to 30 ha	Below 5 ha	Number	Over 30 ha	5 to 30 ha	Below 5 ha	Tank	Ancient	
Rathnapura	Ebediyagoda	WL1	0	0	0	0.0	0	301.3	30.2	331.5	0.00%	100.00%	0	0	0	0.0	0	0	0	24	9	33.0	0.00%	100.00%		
	Kuruvita	WL1/WMI	93.1	20.2	0	113.3	242.6	1029.9	111.9	1,384.4	7.56%	92.44%	2	1	0	3.0	3.0	5	106	36	147.0	2.00%	98.00%			
	Rathnapura	WL1/WMI	0	0	0	0.0	98.8	375	41.6	515.4	0.00%	100.00%	0	0	0	0.0	0.0	2	26	16	44.0	0.00%	100.00%			
	Imbulpe	WMI	0	16.2	0	16.2	161.9	172.6	55.5	390.0	3.99%	96.01%	0	1	0	1.0	1.0	2	16	18	36.0	2.70%	97.30%			
	Balangoda	WMI	33.2	32.8	18.9	84.9	338.7	575.6	283.8	1,198.1	6.62%	93.38%	1	2	8	11.0	11.0	5	55	98	158.0	6.51%	93.49%			
	Pelmadulla	IL1/WL2	0	0	0	0.0	195.9	382.4	108.4	686.7	0.00%	100.00%	0	0	0	0.0	0.0	4	33	33	70.0	0.00%	100.00%			
	Nivulgala	WL1	0	0	0	0.0	0	321.4	100.4	421.8	0.00%	100.00%	0	0	0	0.0	0.0	0	35	30	65.0	0.00%	100.00%			
	Kashavatta	WL2	0	0	0	0.0	0	71.7	26.3	98.0	0.00%	100.00%	0	0	0	0.0	0.0	0	6	7	13.0	0.00%	100.00%			
	Elaputha	WL1	0	8.1	0	8.1	0	245.5	69	314.5	2.51%	97.49%	0	1	0	1.0	1.0	0	21	20	41.0	2.38%	97.62%			
	Ayagama	WL1	0	0	2	2.0	0	86.7	54.6	141.3	1.40%	98.60%	0	0	1	1.0	1.0	0	11	20	31.0	3.13%	96.88%			
	Kaliawana	WL1	0	0	4	4.0	30.4	207.3	52.9	290.6	1.36%	98.64%	0	0	1	1.0	1.0	1	22	18	41.0	2.38%	97.62%			
	Godakawela	WL2/TL2	0	0	2	2.0	54.2	271.2	128.2	453.6	0.44%	99.56%	0	0	1	1.0	1.0	1	25	37	63.0	1.56%	98.44%			
	Opamayaka	IL1	0	0	0	0.0	41.3	148.3	94.1	283.7	0.00%	100.00%	0	0	0	0.0	0.0	1	16	38	55.0	0.00%	100.00%			
	Weligepola	DL1	77.3	22.2	0	99.5	97.9	123.9	58.2	280.0	26.22%	73.78%	2	2	0	4.0	4.0	2	13	21	36.0	10.00%	90.00%			
	Embellipitiya	IL1/DL1	95.2	113.8	7.2	216.2	44.5	183.4	10.8	238.7	47.53%	52.47%	3	6	2	11.0	11.0	1	15	4	20.0	35.48%	64.52%			
	Kolonna	IM2	0	50.6	2.8	53.4	0	324.5	25.6	350.1	13.23%	86.77%	0	4	2	6.0	6.0	0	28	9	37.0	13.95%	86.05%			
		Sub-total		298.8	263.9	36.9	599.6	1,306.2	4,820.7	1,251.5	7,378.4	7.52%	92.48%	8.0	17.0	15.0	40.0	40.0	24.0	452.0	414.0	890.0	4.30%	95.70%		
Grand Total						10,526.8				41,245.9	20.33%	79.67%	158.0	396.0	172.0	726.0	726.0	134.0	2,332.0	3,743.0	6,209.0	10.47%	89.53%			

Table 4.5-5

SUMMARY OF MINOR SCHEMES CONDITION IN THE STUDY AREA (1/4)

Division	Category	A			B			C			D			E			F			Total									
		Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos							
Male District	Tank	563.1	48.30%	12	46.15%	92.0	7.89%	3	11.54%	44.5	3.82%	1	3.85%	30.4	2.61%	1	3.85%	0.0	0.00%	435.9	37.39%	9	34.62%	1,165.9	100%	26	100%		
	Over 30 ha	947.0	45.35%	68	40.48%	320.7	15.36%	27	16.07%	407.2	19.50%	36	21.43%	145.0	6.94%	14	8.33%	41.8	2.00%	226.3	10.84%	17	10.12%	2,088.0	100%	168	100%		
	5 to 30 ha	29.7	13.02%	8	12.50%	27.8	12.19%	7	10.94%	65.3	28.63%	18	28.13%	47.1	20.65%	14	21.88%	37.8	16.57%	20.4	8.94%	5	7.81%	228.1	100%	64	100%		
	Below 5 ha	1,539.8	44.22%	88	34.11%	440.5	12.65%	37	14.34%	517.0	14.85%	55	21.32%	222.5	6.39%	29	11.24%	79.6	2.29%	682.6	19.60%	31	12.02%	3,482.0	100%	258	100%		
	sub-total	764.9	59.35%	15	57.69%	208.6	16.19%	5	19.23%	83.0	6.44%	2	7.69%	0.0	0.00%	0	0.00%	0.0	0.00%	232.3	18.02%	4	15.38%	1,288.3	100%	26	100%		
Ancient	Over 30 ha	1,174.4	36.44%	84	29.17%	672.2	20.86%	63	21.88%	884.0	27.43%	89	30.90%	163.4	5.07%	18	6.25%	120.2	3.73%	208.6	6.47%	21	7.29%	3,222.8	100%	288	100%		
	5 to 30 ha	64.3	5.12%	20	4.39%	204.4	16.26%	60	13.16%	373.2	29.69%	118	25.88%	223.8	17.81%	76	16.67%	232.5	18.50%	158.7	12.63%	65	14.25%	1,356.9	100%	456	100%		
	Below 5 ha	2,003.6	34.73%	119	15.45%	1,085.2	18.81%	128	16.62%	1,340.2	23.23%	209	27.14%	387.2	6.71%	94	12.21%	352.7	6.11%	599.6	10.39%	90	11.69%	5,768.5	100%	770	100%		
	sub-total	1,328.0	54.10%	27	51.92%	300.6	12.25%	8	15.38%	127.5	5.19%	3	5.77%	30.4	1.24%	1	1.92%	0.0	0.00%	668.2	27.22%	13	25.00%	2,454.7	100%	52	100%		
	Over 30 ha	2,121.4	39.95%	152	33.33%	992.9	18.70%	90	19.74%	1,291.2	24.31%	125	27.41%	308.4	5.81%	32	7.02%	162.0	3.05%	434.9	8.19%	38	8.33%	5,310.8	100%	456	100%		
Kandy District	Tank	94.0	6.33%	28	5.38%	232.2	15.64%	67	12.88%	438.5	29.53%	136	26.15%	270.9	18.24%	90	17.31%	270.3	18.20%	179.1	12.06%	70	13.46%	1,485.0	100%	520	100%		
	Over 30 ha	3,543.4	38.30%	207	20.14%	1,525.7	16.49%	165	16.05%	1,857.2	20.08%	264	25.68%	609.7	6.59%	123	11.96%	432.3	4.67%	1,282.2	13.86%	121	11.77%	9,250.5	100%	1,028	100%		
	5 to 30 ha	180.1	15.43%	4	4.55%	193.5	16.58%	12	13.64%	488.2	41.83%	44	50.00%	102.9	8.82%	9	10.23%	170.1	14.57%	32.4	2.78%	2	2.27%	1,167.2	100%	88	100%		
	Below 5 ha	289.2	46.54%	20	39.22%	91.7	14.76%	9	17.65%	100.3	16.14%	8	15.69%	59.5	9.58%	6	11.76%	41.0	6.60%	9.8	1.58%	2	3.92%	621.4	100%	51	100%		
	sub-total	486.8	77.22%	23	45.10%	88.2	13.99%	6	11.76%	12.8	2.03%	5	9.80%	17.8	2.82%	5	9.80%	24.8	3.93%	12	23.53%	0	0.00%	630.4	100%	51	100%		
Ancient	Over 30 ha	956.1	39.52%	47	24.74%	373.4	15.44%	27	14.21%	601.3	24.86%	57	30.00%	180.2	7.45%	20	10.53%	235.9	9.75%	42.2	1.74%	4	2.11%	2,419.0	100%	190	100%		
	5 to 30 ha	405.9	42.18%	8	42.11%	159.9	16.61%	3	15.79%	299.2	31.09%	6	31.58%	32.4	3.37%	1	5.26%	65.0	6.75%	0.0	0.00%	0	0.00%	962.4	100%	19	100%		
	Below 5 ha	1,236.9	21.55%	103	18.49%	1,071.3	18.67%	103	18.49%	2,155.8	37.56%	214	38.42%	567.8	9.89%	58	10.41%	691.0	12.04%	16.2	0.28%	1	0.18%	5,739.0	100%	557	100%		
	sub-total	222.1	8.83%	79	8.54%	223.7	8.89%	66	7.14%	699.0	27.78%	226	24.43%	506.0	20.11%	173	18.70%	860.8	34.21%	380	41.08%	4	0.19%	2,516.5	100%	925	100%		
	Over 30 ha	1,864.9	20.23%	190	12.66%	1,454.9	15.78%	172	11.46%	3,154.0	34.22%	446	29.71%	1,066.2	12.00%	232	15.46%	1,616.8	17.54%	459	30.58%	21	0.23%	9,217.9	100%	1,501	100%		
Total	Over 30 ha	586.0	27.52%	12	11.21%	353.4	16.59%	15	14.02%	787.4	36.97%	50	46.73%	135.3	6.35%	10	9.35%	735.1	11.04%	18	16.82%	32.4	1.52%	2	1.87%	2,128.6	100%	107	100%
	5 to 30 ha	1,526.1	23.99%	123	20.23%	1,163.0	18.29%	112	18.42%	2,256.1	35.47%	222	36.51%	627.3	9.86%	64	10.53%	732.0	11.51%	84	13.82%	26.0	0.41%	6,360.4	100%	608	100%		
	Below 5 ha	708.9	22.53%	102	10.45%	311.9	9.91%	72	7.38%	711.8	22.62%	231	23.67%	523.8	16.64%	178	18.24%	885.6	28.14%	392	40.16%	4	0.10%	3,146.9	100%	978	100%		
	sub-total	2,821.0	24.24%	237	14.02%	1,828.3	15.71%	199	11.77%	3,755.3	32.27%	503	29.75%	1,286.4	11.05%	252	14.90%	1,852.7	15.92%	494	29.21%	63.3	0.54%	11,636.9	100%	1,691	100%		

Table 4.5-5

SUMMARY OF MINOR SCHEMES CONDITION IN THE STUDY AREA (2/4)

Division	Category	A			B			C			D			E			F			Total				
		Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos		
Unit: ha																								
Nawana Elaya District																								
Tank	Over 30 ha	74.9	18.99%	2	28.57%	159.0	40.31%	3	42.86%	0	0.00%	127.5	32.33%	1	14.29%	33.0	8.37%	1	14.29%	0.0	0.00%	394.4	100%	
	5 to 30 ha	99.3	23.77%	5	18.52%	104.0	24.89%	7	25.93%	165.8	39.68%	11	40.74%	33.6	8.04%	3	11.11%	15.1	3.61%	1	3.70%	417.8	100%	
	Below 5 ha	0.0	0.00%	0	0.00%	7.5	22.59%	3	23.08%	9.2	27.71%	4.3	14.46%	2	15.38%	11.7	35.24%	5	38.46%	0.0	0.00%	33.2	100%	
	sub-total	174.2	20.61%	7	14.89%	270.5	32.00%	13	27.66%	175.0	20.70%	14	29.79%	165.9	19.62%	6	12.77%	59.8	7.07%	7	14.89%	0.0	0.00%	845.4
Anicut	Over 30 ha	702.8	41.43%	15	42.86%	457.7	26.98%	9	25.71%	448.6	26.45%	9	25.71%	56.7	3.34%	1	2.86%	30.4	1.79%	1	2.86%	1,696.2	100%	
	5 to 30 ha	1,004.5	25.21%	71	19.61%	1,424.1	35.74%	112	30.94%	1,341.7	33.67%	152	41.99%	129.9	3.26%	19	5.25%	84.2	2.11%	8	2.21%	3,984.4	100%	
	Below 5 ha	162.3	11.28%	76	13.17%	231.1	16.20%	87	15.08%	593.1	37.52%	193	33.45%	328.6	23.04%	123	21.32%	169.2	11.86%	98	16.98%	1,426.3	100%	
	sub-total	1,869.6	26.31%	162	16.63%	2,112.9	29.73%	208	21.36%	2,325.4	32.72%	354	36.34%	515.2	7.25%	143	14.68%	283.8	3.99%	107	10.99%	7,106.9	100%	
Total	Over 30 ha	790.6	37.82%	17	40.48%	616.7	29.50%	12	28.57%	448.6	21.46%	9	21.43%	184.2	8.81%	2	4.76%	63.4	3.03%	2	4.76%	2,090.6	100%	
	5 to 30 ha	1,103.8	25.07%	76	19.54%	1,528.1	34.71%	119	30.59%	1,507.5	34.24%	163	41.90%	163.5	3.71%	22	5.66%	99.3	2.26%	9	2.31%	4,402.2	100%	
	Below 5 ha	162.3	11.12%	76	12.88%	238.6	16.35%	90	15.25%	544.3	37.29%	196	33.22%	333.4	22.84%	125	21.19%	180.9	12.39%	103	17.46%	1,459.5	100%	
	sub-total	2,043.8	25.70%	169	16.55%	2,383.4	29.97%	221	21.65%	2,500.4	31.44%	368	36.04%	681.1	8.56%	149	14.59%	343.6	4.32%	114	11.17%	7,952.3	100%	
Badulla District																								
Tank	Over 30 ha	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	0		
	5 to 30 ha	39.5	39.15%	2	33.33%	12.1	11.99%	1	16.67%	18.2	18.04%	2	33.33%	0.0	0.00%	25.1	24.88%	1	16.67%	0.0	0.00%	100.9	100%	
	Below 5 ha	0.0	0.00%	0	0.00%	0.0	0.00%	0	0.00%	0.8	5.16%	1	25.00%	5.8	37.42%	4.9	31.61%	2	25.00%	0.0	0.00%	15.5	100%	
	sub-total	39.5	39.93%	2	20.00%	12.1	10.40%	1	10.00%	19.0	16.32%	3	30.00%	5.8	4.98%	2	20.00%	20.0	25.77%	2	20.00%	0.0	0.00%	116.4
Anicut	Over 30 ha	219.7	54.39%	5	50.00%	34.4	8.52%	1	10.00%	149.8	37.09%	4	40.00%	0.0	0.00%	0	0.00%	0	0.00%	0	0.00%	403.9	100%	
	5 to 30 ha	828.8	22.99%	68	19.15%	792.5	21.98%	66	18.59%	996.9	25.99%	103	29.01%	456.3	12.66%	49	13.80%	559.4	15.52%	65	18.31%	3,605.1	100%	
	Below 5 ha	95.6	5.72%	34	4.81%	119.3	7.14%	35	4.95%	432.8	25.90%	150	21.22%	298.1	17.84%	119	16.83%	582.5	34.86%	285	40.31%	1,671.1	100%	
	sub-total	1,144.1	20.14%	107	9.98%	946.2	16.66%	102	9.51%	1,519.5	26.75%	257	23.97%	754.4	13.28%	168	15.67%	1,141.9	20.10%	350	32.65%	5,680.1	100%	
Total	Over 30 ha	219.7	54.39%	5	50.00%	34.4	8.52%	1	10.00%	149.8	37.09%	4	40.00%	0.0	0.00%	0	0.00%	0	0.00%	0	0.00%	403.9	100%	
	5 to 30 ha	868.3	23.47%	70	19.39%	804.6	21.75%	67	18.56%	955.1	25.81%	105	29.09%	456.3	12.33%	49	13.57%	584.5	15.80%	66	18.28%	3,700.0	100%	
	Below 5 ha	95.6	5.68%	34	4.78%	119.3	7.09%	35	4.92%	433.6	25.77%	151	21.24%	303.9	18.00%	121	17.02%	587.4	34.91%	286	40.23%	1,682.6	100%	
	sub-total	1,183.6	20.45%	109	10.07%	958.3	16.56%	103	9.52%	1,538.5	26.59%	260	24.03%	760.2	13.14%	170	15.71%	1,171.9	20.25%	352	32.53%	5,786.5	100%	

Table 4.5-5

SUMMARY OF MINOR SCHEMES CONDITION IN THE STUDY AREA (3/4)

Division	Category	A			B			C			D			E			F			Total				
		Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos		
Unit: ha																								
Moneragala District	Tank	Over 30 ha	1,013.3	72.94%	20	68.97%	252.6	18.18%	6	20.69%	72.7	5.23%	2	6.90%	50.6	3.64%	1	3.45%	0.0	0.00%	0	0.00%	1,389.2	100%
		5 to 30 ha	608.2	40.10%	36	30.77%	159.7	10.53%	11	9.40%	296.2	19.53%	24	20.51%	271.7	17.91%	25	21.37%	180.9	11.93%	21	17.95%	1,516.7	100%
		Below 5 ha	19.4	29.35%	5	21.74%	0.0	0.00%	2.4	3.63%	0.0	0.00%	1	4.35%	15.7	23.75%	7	30.43%	28.6	43.27%	10	43.48%	66.1	100%
		sub-total	1,640.9	55.21%	61	36.09%	412.3	13.87%	17	10.06%	371.3	12.49%	27	15.98%	338.0	11.37%	33	19.53%	209.5	7.05%	31	18.34%	2,972.0	100%
Ancut	Tank	Over 30 ha	197.5	56.08%	4	50.00%	32.4	9.20%	1	12.50%	122.3	34.72%	3	37.50%	0.0	0.00%	0	0.00%	0.0	0.00%	0	0.00%	352.2	100%
		5 to 30 ha	350.9	28.66%	26	25.49%	154.6	12.63%	12	11.76%	338.1	27.61%	33	32.35%	288.8	23.59%	22	21.57%	92.1	7.52%	9	8.83%	1,224.5	100%
		Below 5 ha	27.4	10.39%	9	9.78%	8.1	3.07%	4	4.35%	69.4	26.32%	25	27.17%	53.5	20.29%	18	19.57%	105.3	39.93%	36	39.13%	263.7	100%
		sub-total	575.8	31.29%	39	19.31%	195.1	10.60%	17	8.42%	529.8	28.79%	61	30.20%	342.3	18.60%	40	19.80%	197.4	10.73%	45	22.28%	1,840.4	100%
Total	Tank	Over 30 ha	1,210.8	69.53%	24	64.86%	285.0	16.37%	7	18.92%	195.0	11.20%	5	13.51%	50.6	2.91%	1	2.70%	0.0	0.00%	0	0.00%	1,741.4	100%
		5 to 30 ha	959.1	34.99%	62	28.31%	314.3	11.47%	23	10.50%	634.3	23.14%	57	26.03%	560.5	20.45%	47	21.46%	273.0	9.96%	20	13.70%	2,741.2	100%
		Below 5 ha	46.8	14.19%	14	12.17%	8.1	2.46%	4	3.49%	71.8	21.77%	26	22.61%	69.2	20.98%	25	21.74%	133.9	40.60%	46	40.00%	329.8	100%
		sub-total	2,216.7	46.06%	100	26.95%	607.4	12.62%	34	9.16%	901.1	18.72%	88	23.72%	680.3	14.14%	73	19.68%	406.9	8.46%	76	20.49%	4,812.4	100%
Kegalle District	Tank	Over 30 ha	0.0		0		0.0		0		0.0		0		0.0		0		0.0		0		0.0	0
		5 to 30 ha	51.8	54.24%	6	60.00%	12.1	12.67%	1	10.00%	31.6	33.09%	3	30.00%	0.0	0.00%	0	0.00%	0.0	0.00%	0	0.00%	95.5	100%
		Below 5 ha	4.9	71.01%	1	50.00%	0.0	0.00%	0	0.00%	2.0	28.99%	1	50.00%	0.0	0.00%	0	0.00%	0.0	0.00%	0	0.00%	6.9	100%
		sub-total	56.7	55.37%	7	58.33%	12.1	11.82%	1	8.33%	33.6	32.81%	4	33.33%	0.0	0.00%	0	0.00%	0.0	0.00%	0	0.00%	102.4	100%
Ancut	Tank	Over 30 ha	273.3	51.26%	6	50.00%	114.9	21.55%	2	16.67%	81.0	15.19%	2	16.67%	64.0	12.00%	2	16.67%	0.0	0.00%	0	0.00%	533.2	100%
		5 to 30 ha	1,194.8	55.31%	108	50.00%	345.2	15.98%	38	17.59%	406.7	18.83%	44	20.37%	161.5	7.48%	20	9.26%	51.8	2.40%	6	2.78%	2,160.0	100%
		Below 5 ha	558.3	35.78%	191	33.39%	248.5	15.92%	86	15.03%	404.0	25.89%	152	26.57%	154.5	9.90%	63	11.01%	195.2	12.51%	80	13.99%	1,550.5	100%
		sub-total	2,026.4	47.64%	305	38.13%	708.6	16.66%	126	15.75%	891.7	20.96%	198	24.75%	380.0	8.93%	85	10.63%	247.0	5.91%	86	10.75%	4,253.7	100%
Total	Tank	Over 30 ha	273.3	51.26%	6	50.00%	114.9	21.55%	2	16.67%	81.0	15.19%	2	16.67%	64.0	12.00%	2	16.67%	0.0	0.00%	0	0.00%	533.2	100%
		5 to 30 ha	1,246.6	55.27%	114	50.44%	357.3	15.84%	39	17.26%	438.3	19.43%	47	20.80%	161.5	7.16%	20	8.85%	51.8	2.30%	6	2.65%	2,255.5	100%
		Below 5 ha	563.2	35.93%	192	35.45%	248.5	15.85%	86	14.98%	406.0	25.90%	153	26.66%	154.5	9.86%	63	10.98%	195.2	12.45%	80	13.94%	1,567.4	100%
		sub-total	2,083.1	47.82%	312	38.42%	720.7	16.54%	127	15.64%	925.3	21.24%	202	24.88%	380.0	8.72%	85	10.47%	247.0	5.67%	86	10.59%	4,356.1	100%

Table 4.5-5

SUMMARY OF MINOR SCHEMES CONDITION IN THE STUDY AREA (4/4)

Division	Category	A			B			C			D			E			F			Unit: ha		
		Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Area	%	Nos	Total	%	Nos
Rainpura District																						
Tank	Over 30 ha	266.4	89.16%	7	87.50%	0.0	0.00%	0.0	0.00%	0	0.00%	0.0	0.00%	32.4	10.84%	1	12.50%	0.0	0.00%	298.8	100%	8
	5 to 30 ha	133.8	50.70%	8	47.06%	8.5	3.22%	72.7	27.55%	5	29.41%	18.2	6.90%	30.7	11.63%	2	11.76%	0.0	0.00%	263.9	100%	17
	Below 5 ha	0.0	0.00%	0	0.00%	2.0	5.42%	16.5	44.72%	4	26.67%	3.2	8.67%	15.2	41.19%	9	60.00%	0.0	0.00%	36.9	100%	15
	sub-total	400.2	66.74%	15	37.50%	10.5	1.75%	89.2	14.88%	9	22.50%	21.4	3.57%	78.3	13.06%	12	30.00%	0.0	0.00%	599.6	100%	40
Anticut	Over 30 ha	942.6	72.16%	17	70.83%	74.5	5.70%	64.8	4.96%	1	4.17%	183.8	14.07%	40.5	3.10%	1	4.17%	0.0	0.00%	1,306.2	100%	24
	5 to 30 ha	2,542.3	52.74%	234	51.77%	856.1	17.76%	828.7	17.19%	84	18.58%	230.6	4.78%	363.0	7.53%	26	5.75%	0.0	0.00%	4,820.7	100%	452
	Below 5 ha	417.0	33.32%	130	31.40%	197.2	15.76%	262.9	21.01%	79	19.08%	147.1	11.75%	227.3	18.16%	89	21.50%	0.0	0.00%	1,251.5	100%	414
	sub-total	3,901.9	52.88%	381	42.81%	1,127.8	15.29%	1,156.4	15.67%	164	18.43%	561.5	7.61%	630.8	8.55%	116	13.03%	0.0	0.00%	7,378.4	100%	890
Total	Over 30 ha	1,209.0	75.33%	24	75.00%	74.5	4.64%	64.8	4.04%	1	3.13%	183.8	11.45%	72.9	4.54%	2	6.25%	0.0	0.00%	1,605.0	100%	32
	5 to 30 ha	2,676.1	52.63%	242	51.60%	864.6	17.00%	901.4	17.73%	89	18.98%	240.8	4.89%	393.7	7.74%	28	5.97%	0.0	0.00%	5,084.6	100%	469
	Below 5 ha	417.0	32.37%	130	30.30%	199.2	15.46%	279.4	21.69%	83	19.35%	150.3	11.67%	242.5	18.82%	98	22.84%	0.0	0.00%	1,288.4	100%	429
	sub-total	4,302.1	53.92%	396	42.58%	1,138.3	14.27%	1,245.6	15.61%	173	18.60%	582.9	7.31%	709.1	8.89%	128	13.76%	0.0	0.00%	7,978.0	100%	930
Total																						
Tank	Over 30 ha	2,097.8	47.51%	45	28.48%	697.1	15.79%	605.4	13.71%	47	29.75%	311.4	7.05%	235.5	5.33%	19	12.03%	468.3	10.61%	4,415.5	100%	158
	5 to 30 ha	2,163.8	42.49%	145	36.62%	708.8	13.89%	1,092.0	21.39%	89	22.47%	528.0	10.34%	334.6	6.56%	37	9.34%	236.1	4.63%	5,104.2	100%	396
	Below 5 ha	540.8	53.17%	37	21.51%	125.5	12.34%	109.0	10.72%	33	19.19%	94.4	9.28%	123.0	12.09%	49	28.49%	20.4	2.01%	1,017.1	100%	172
	sub-total	4,802.4	45.62%	227	31.27%	1,531.4	14.53%	1,806.4	17.14%	169	23.28%	933.8	8.86%	693.1	6.58%	105	14.46%	724.8	6.88%	10,536.8	100%	726
Anticut	Over 30 ha	3,506.7	53.60%	70	52.24%	1,082.4	16.54%	1,248.7	19.08%	27	20.15%	336.9	5.15%	7	5.22%	3	2.24%	232.3	3.55%	6,542.9	100%	134
	5 to 30 ha	8,332.6	33.66%	694	29.76%	5,316.0	21.47%	6,891.9	27.84%	719	30.83%	1,998.3	8.07%	211	9.05%	205	8.79%	256.0	1.03%	24,756.5	100%	2,332
	Below 5 ha	1,547.0	15.55%	539	14.40%	1,232.9	12.39%	2,776.4	27.91%	943	25.19%	1,711.6	17.21%	626	16.72%	2,372.8	23.86%	306.4	3.08%	9,946.5	100%	3,743
	sub-total	13,386.3	32.45%	1,303	20.99%	7,630.7	18.50%	10,917.0	26.47%	1,689	27.20%	4,046.8	9.81%	844	13.59%	1,293	20.82%	794.7	1.93%	41,245.9	100%	6,209
Total	Over 30 ha	5,617.4	51.26%	115	39.38%	1,779.5	16.24%	1,854.1	16.92%	74	25.34%	648.3	5.92%	19	6.51%	22	7.53%	700.6	6.39%	10,958.4	100%	292
	5 to 30 ha	10,501.4	35.18%	839	30.76%	6,024.8	20.18%	7,983.9	26.74%	808	29.62%	2,526.3	8.46%	260	9.53%	242	8.87%	492.1	1.65%	29,854.7	100%	2,728
	Below 5 ha	2,087.8	19.05%	576	14.71%	1,357.8	12.39%	2,883.4	26.33%	976	24.93%	1,806.0	16.48%	687	16.78%	2,495.8	22.77%	326.8	2.98%	10,959.6	100%	3,915
	sub-total	18,193.7	35.14%	1,530	22.06%	9,162.1	17.70%	12,723.4	24.58%	1,858	26.79%	4,980.6	9.62%	936	13.50%	1,519.5	9.97%	1,519.5	2.93%	51,772.7	100%	6,935

Table 4.5-6

CROPPING INTENSITY UNDER IRRIGATION SCHEME

MAJOR AND MEDIUM SCHEMES

	1986/87			1987/88			1988/89			1989/90		
	Maha	Yala	Total	Maha	Yala	Total	Maha	Yala	Total	Maha	Yala	Total
Wet Zone	87.68%	51.52%	139.20%	92.67%	68.88%	161.55%	91.68%	73.50%	165.18%	80.96%	67.05%	148.00%
Intermediate Zone	85.92%	48.68%	134.60%	86.41%	68.99%	155.40%	89.07%	44.76%	133.83%	85.05%	59.49%	144.54%
Dry Zone	72.88%	50.44%	123.32%	80.12%	51.30%	131.42%	64.04%	45.88%	109.93%	76.89%	71.33%	148.22%
Central Province												
Matale	98.49%	31.04%	129.53%	94.27%	55.14%	149.42%	82.33%	44.81%	127.13%	93.15%	52.82%	145.98%
Kandy	99.29%	93.70%	192.99%	99.73%	93.14%	192.87%	99.88%	93.33%	193.21%	99.93%	94.00%	193.92%
Nuwara Eliya	87.75%	53.70%	141.45%	89.26%	53.30%	142.56%	89.26%	52.19%	141.45%	93.29%	53.60%	146.89%
Uva Province												
Badulla	97.22%	77.58%	174.80%	98.22%	84.09%	182.32%	96.74%	77.86%	174.60%	97.56%	72.60%	170.16%
Moneragala	78.56%	44.77%	123.32%	89.88%	35.67%	125.54%	82.75%	18.43%	101.18%	81.25%	57.25%	138.50%
Sabaragamuwa Province												
Ratnapura	98.54%	82.19%	180.74%	92.59%	93.73%	186.31%	93.03%	92.57%	185.60%	98.58%	28.71%	127.29%
Kegalle												

MINOR SCHEMS

	1986/87			1987/88			1988/89			1989/90		
	Maha	Yala	Total	Maha	Yala	Total	Maha	Yala	Total	Maha	Yala	Total
Wet Zone	83.19%	57.84%	141.02%	86.99%	65.33%	152.31%	86.18%	58.80%	144.98%	86.28%	64.72%	151.00%
Intermediate Zone	71.41%	31.50%	102.91%	81.96%	50.74%	132.70%	75.48%	25.95%	101.43%	80.31%	37.02%	117.33%
Dry Zone	34.57%	4.11%	38.68%	49.73%	6.42%	56.15%	12.51%	2.73%	15.24%	41.37%	9.44%	50.80%
Central Province												
Matale	89.43%	30.97%	120.39%	90.65%	40.70%	131.35%	74.69%	24.59%	99.27%	88.88%	36.74%	125.62%
Kandy	94.42%	67.04%	161.47%	94.65%	72.34%	166.99%	95.16%	69.70%	164.86%	96.87%	72.38%	169.25%
Nuwara Eliya	85.06%	49.74%	134.80%	83.90%	50.02%	133.92%	85.20%	50.47%	135.67%	87.86%	48.26%	136.11%
Uva Province												
Badulla	91.02%	33.14%	124.15%	89.33%	32.67%	122.01%	90.18%	32.73%	122.91%	94.49%	34.96%	129.45%
Moneragala	67.44%	17.12%	84.56%	81.20%	29.46%	110.66%	80.13%	19.54%	99.68%	68.82%	26.93%	95.75%
Sabaragamuwa Province												
Ratnapura	93.49%	72.23%	165.73%	91.95%	83.44%	175.39%	90.72%	67.58%	158.29%	90.12%	81.12%	171.24%
Kegalle	99.34%	89.99%	189.33%	102.14%	98.43%	200.58%	99.12%	85.02%	184.14%	98.98%	97.46%	196.44%

Table 4.6-1 ACTIVITIES OF FUNDING AGENCIES IN THE STUDY AREA

Source : NWS&DB

District	Funding Agency	DDP/PIP/Implementation	Period	Location	Project Component
Kandy	France	Implementation	1981 ~ 1982	Kandy MC	Pump/Treatment plant
	FINNIDA	DDP	1987	Entire District	Study
	FINNIDA	Implementation	1987 ~ 1991	Selected area	Wells/Piped water/Latrines
	Germany	IRDP	1987 ~ 1993	Selected area	Wells/Piped water/Latrines
	Japan	Implementation	1989 ~ 1991	Kandy MC	Treatment plant/Intake
	UK Govt.	Implementation	1989 ~ 1991	Medadumbara	Treatment plant
	ADB	DDP	1991	Entire District	Study
	FINNIDA	Implementation	1991 ~ 1994	Selected area	Wells/Piped water/Latrines
Nuwara Eliya	Netherland	IRDP	1979 ~ 1993	Selected area	Wells/Piped water
	UK Govt.	Implementation	1989 ~ 1991	Hatton	Treatment plant
Matale	IDA	Implementation	1980 ~ 1985	Selected area	Wells
	IDA	IRDP	1981 ~ 1991	Selected area	Wells
	DANIDA	DDP	1983	Entire District	Wells/Piped water/Latrines
	DANIDA	Implementation	1985 ~ 1991	Entire District	WSS/Wells
Ratnapura	Netherland	IRDP	1984 ~ 1993	Selected area	Wells/Piped water
	UNDP	DDP	1991	Entire District	Study
	UNDP	PIP	1992	Entire District	Study
	UNDP	Implementation	1993 ~ 2001	Entire District	WSS/Wells
Kegalla	IFAD	IRDP	1986 ~ 1992	Selected area	Wells/Piped water
	ADB	DDP	1991	Entire District	Study
	ADB	PIP	1992	Entire District	Study
Badulla	IFAD/SIDA	IRDP	1983 ~ 1999	Selected area	Wells/Piped water
	France	Implementation	1987 ~ 1991	Badulla UC	Intake/Pump/Treatment plant
	UK Govt.	Implementation	1989 ~ 1991	Badulla	Supply pipe line
	UNDP	DDP	1991	Entire District	Study
	UNDP	PIP	1992	Entire District	Study
	UNDP	Implementation	1993 ~ 2001	Entire District	WSS/Wells
Monaragala	NORAD	IRDP	1984 ~ 1996	Thanamalwila Entire District	Water supply scheme Wells/Latrines
	ADB	DDP	1991	Entire District	Study
	ADB	PIP	1992	Entire District	Study

DDP : District Development Plan, PIP : Priority Investment Plan

Table 4.7-1 POPULATION BY ETHNIC GROUP (1981)

District	Item	Sinhalese	Sri Lanka Tamil	Indian Tamil	Sri Lanka Moor	Burgher	Malay	Others	Total
I. Central Province		1,318,530	149,819	380,826	146,937	3,090	4,465	5,581	2,009,248
A) Matale District		285,354	20,579	24,912	24,995	272	574	668	357,354
B) Kandy District		778,801	52,791	98,436	109,779	2,122	2,755	3,633	1,048,317
C) Nuwara Eliya District		254,375	76,449	257,478	12,163	696	1,136	1,280	603,577
II. Uva Province		696,596	42,866	138,357	31,912	683	1,612	2,496	914,522
D) Badulla District		443,024	37,520	129,498	26,600	613	1,419	2,278	640,952
E) Moneragala District		253,572	5,346	8,859	5,312	70	193	218	273,570
III. Sabaragamuwa Province		1,266,091	34,168	130,492	48,180	498	641	1,961	1,482,031
F) Kegalle District		588,581	15,074	45,752	34,389	156	229	763	684,944
G) Ratnapura District		677,510	19,094	84,740	13,791	342	412	1,198	797,087
Grand Total		3,281,217	226,853	649,675	227,029	4,271	6,718	10,038	4,405,801
National Total		10,979,568	1,886,864	818,656	1,046,927	39,374	46,963	28,398	14,846,750

source: Statistical Abstract, 1991, Ministry of Policy Planning and Implementation

Table 4.7-2 NATIONAL PARKS AND PROTECTED RESERVES IN THE STUDY AREA

Name	Area(km2)
A. Matale District	
a) Wasgomuwa national park	369
b) Sihiriya sanctuary	51
B. Kandy District	
a) Victoria and Randenigala national park	421
b) Oldawatte Kele sanctuary	1
C. Nuwara Eliya District	
a) Hakgale sanctuary	11
b) Holton Plain sanctuary	32
D. Badulla District	
a) Maduru Oya national park	588
E. Moneragala District	
a) Yala national park	694
b) Uda Walawe national park	188
c) Lunugamwehera national park	205
d) Gal Oya national park	302
e) Sellaka Oya sanctuary	126
f) Ampara sanctuary	40
g) Bakinigahawela forest reserve	2.2
h) Daragoda forest reserve	4.7
i) Namandiya forest reserve	4.3
j) Wetihitukana forest reserve	7.6
k) Bibilehala forest reserve	6.9
F. Kegalle District	
a) Kegalle (Kurulu Kele) sanctuary	1.1
G. Ratnapura District	
a) Sinharaja forest reserve	105
b) Peak Wilderness reserve	187
Grand Total	3,346.8

FIGURES

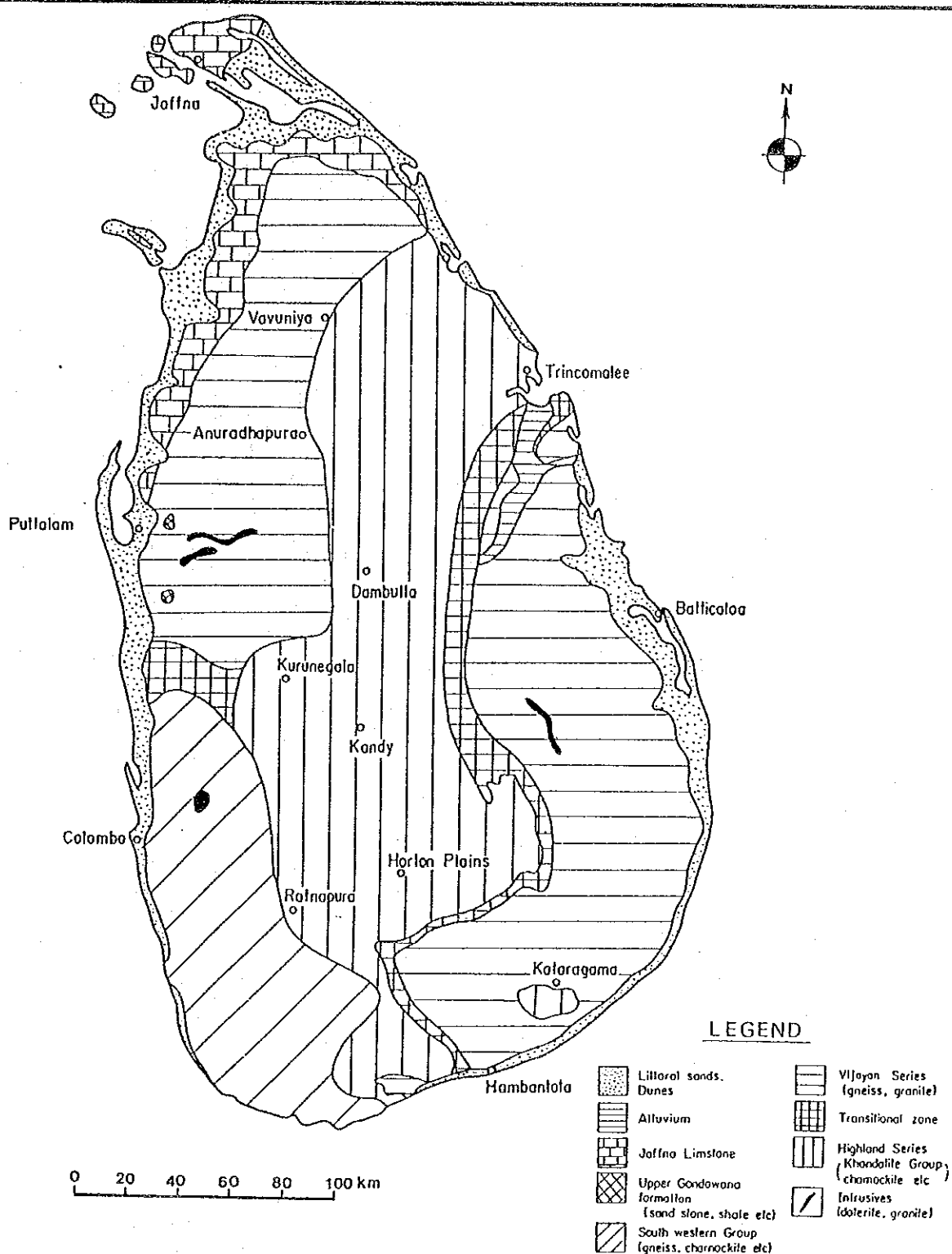
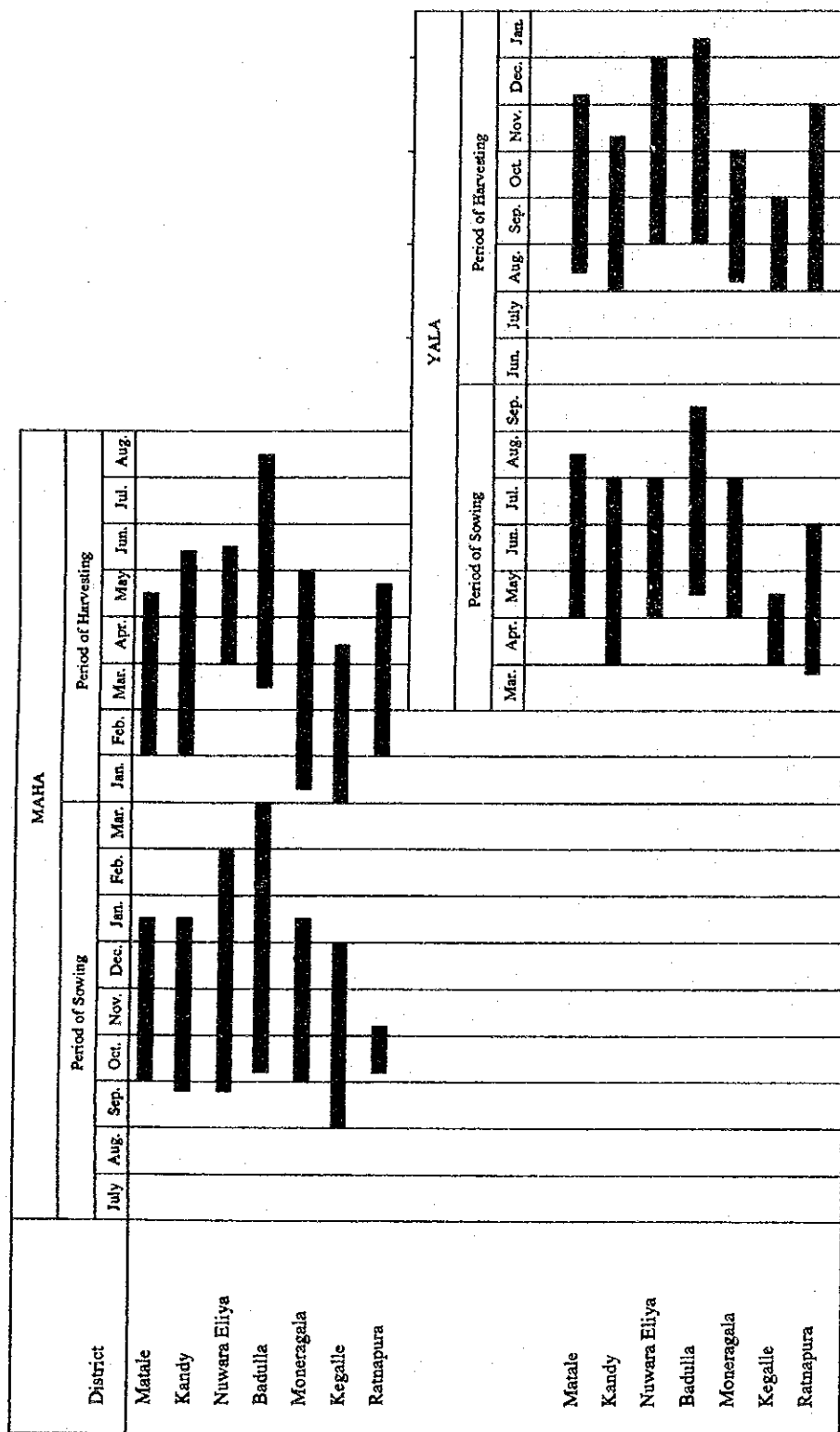


Fig. 4.1-1 Geological Map in Sri Lanka

GOVERNMENT OF DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA
MINISTRY OF UP-COUNTRY PEASANTRY REHABILITATION

**MASTER PLAN STUDY ON
THE AGRICULTURAL DEVELOPMENT FOR
UP-COUNTRY PEASANTRY REHABILITATION
PROGRAMME**

JAPAN INTERNATIONAL COOPERATION AGENCY



Source: Dept. of Census and Statistics

Fig. 4.3-1 Distribution of Sowing and Harvesting Times of Paddy

Vegetable	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cabbage												
Cauliflower												
Knolkohl												
Radish												
Beetroot												
Bush Bean												
Pole Beans												
Leek												
Onion												
Carrot												

Best time of planting sowing

Planting and growing possible with special care

Growing possible but very difficult

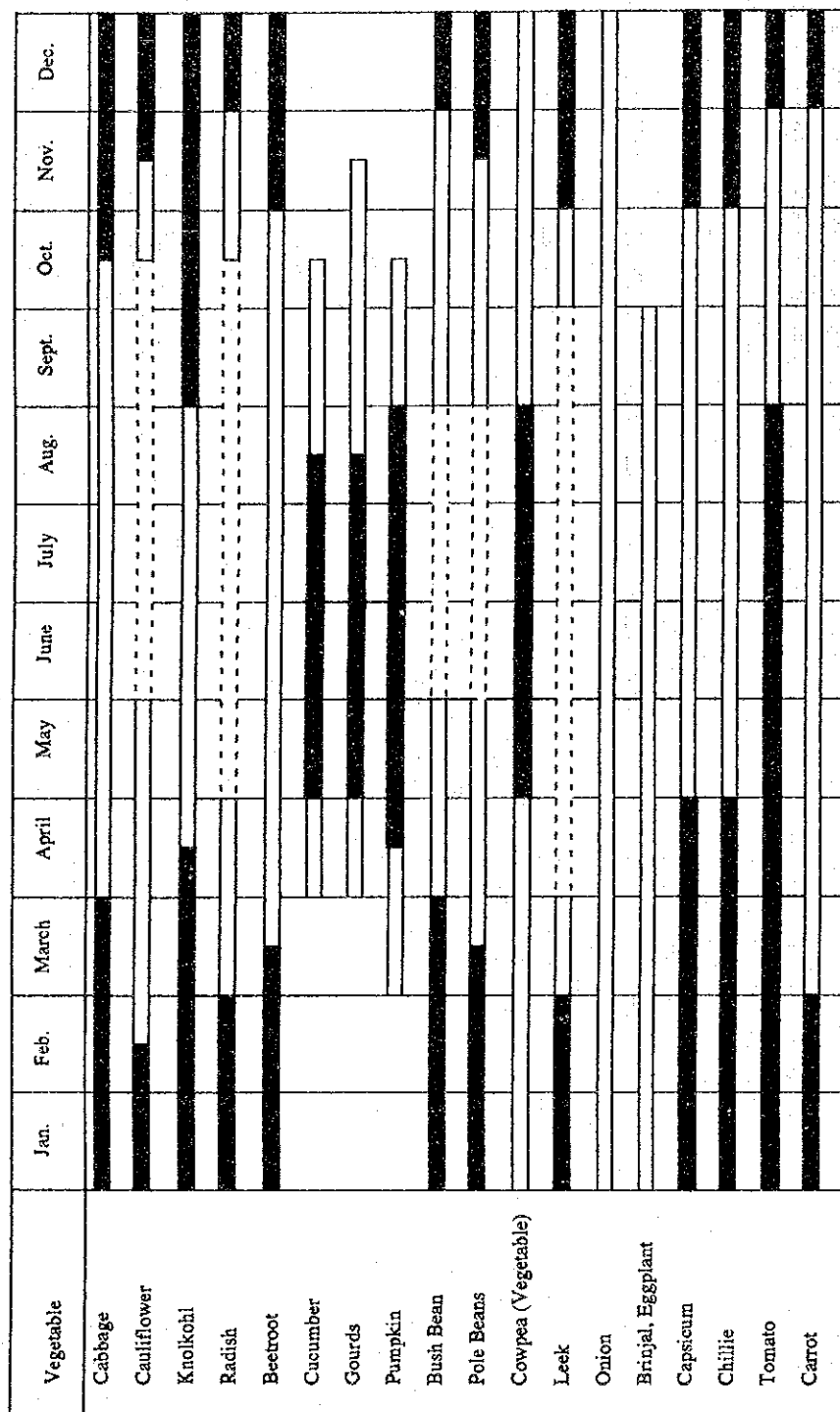
Source: Guide for vegetable variety trials-1976, German Agricultural Team-Sri Lanka

Fig 4.3-2 (1/2) Time Table for Vegetable Planting-A. R. S., Sita Eliya-Up-country Wet Zone

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■ Best time of planting sowing
 □ Planting and growing possible with special care
 ▤ Growing possible but very difficult

Source: Guide for vegetable variety trials-1976, German Agricultural Team-Sri Lanka

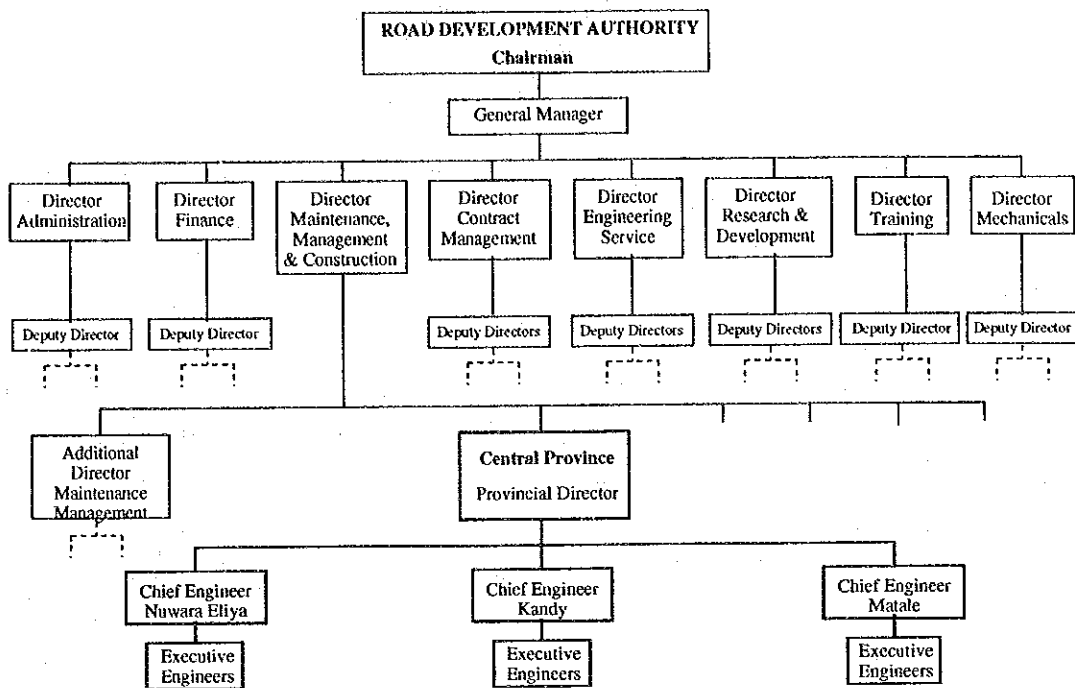
Fig. 4.3-2 (2/2) Time Table for Vegetable Planting-A. R. S., Rahangala-Up-country

GOVERNMENT OF DEMOCRATIC SOCIALIST
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PROGRAMME

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ROAD DEVELOPMENT AUTHORITY (CENTRAL PROVINCE)



ROAD DEVELOPMENT SECTION IN PROVINCIAL COUNCIL (CENTRAL)

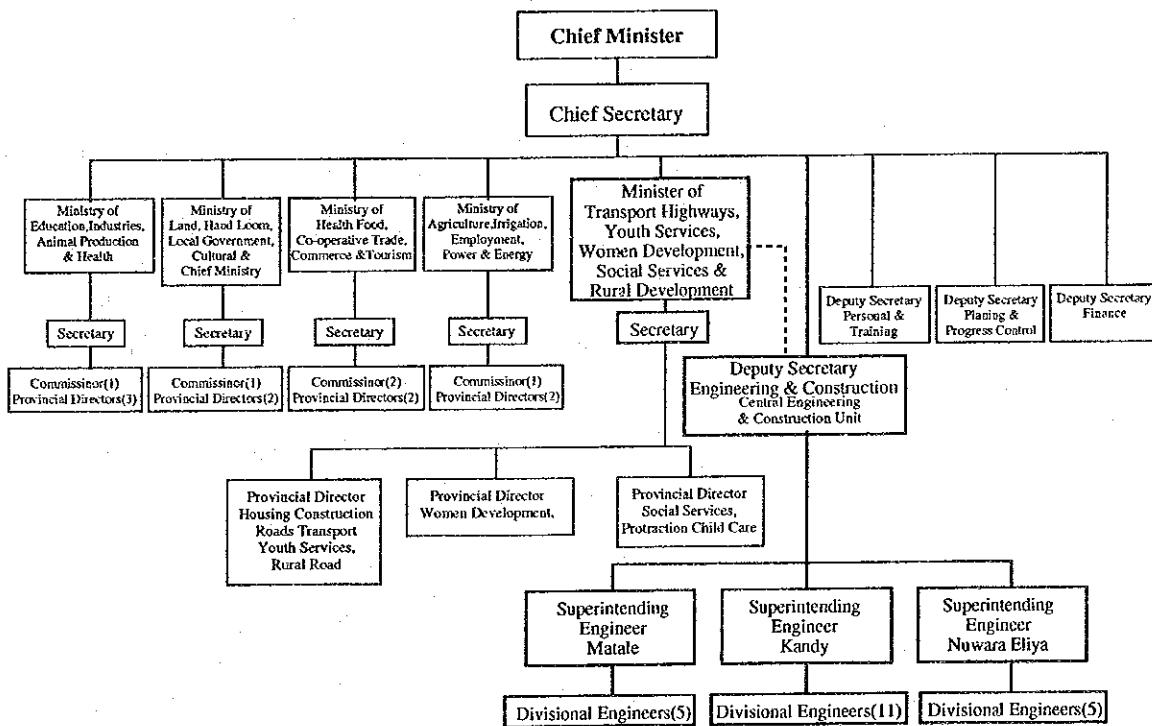
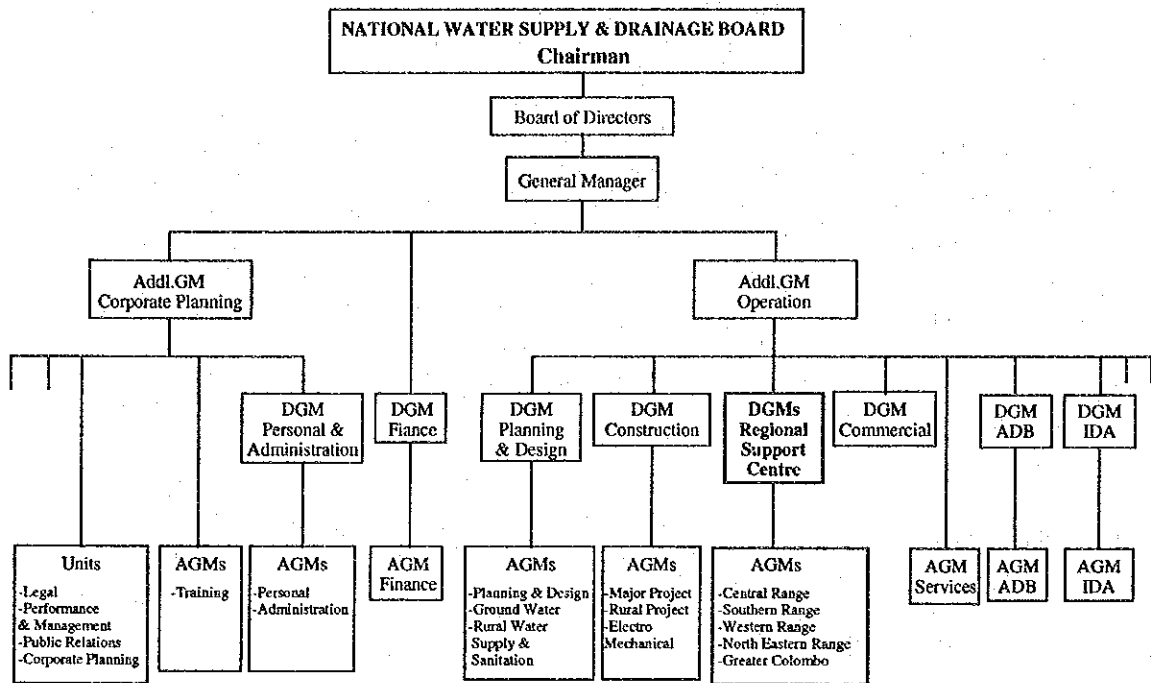


Fig. 4.6-1 ORGANIZATION CHART FOR ROAD DEVELOPMENT

NATIONAL WATER SUPPLY & DRAINAGE BOARD



REGIONAL SUPPORT CENTRE (CENTRAL RANGE)

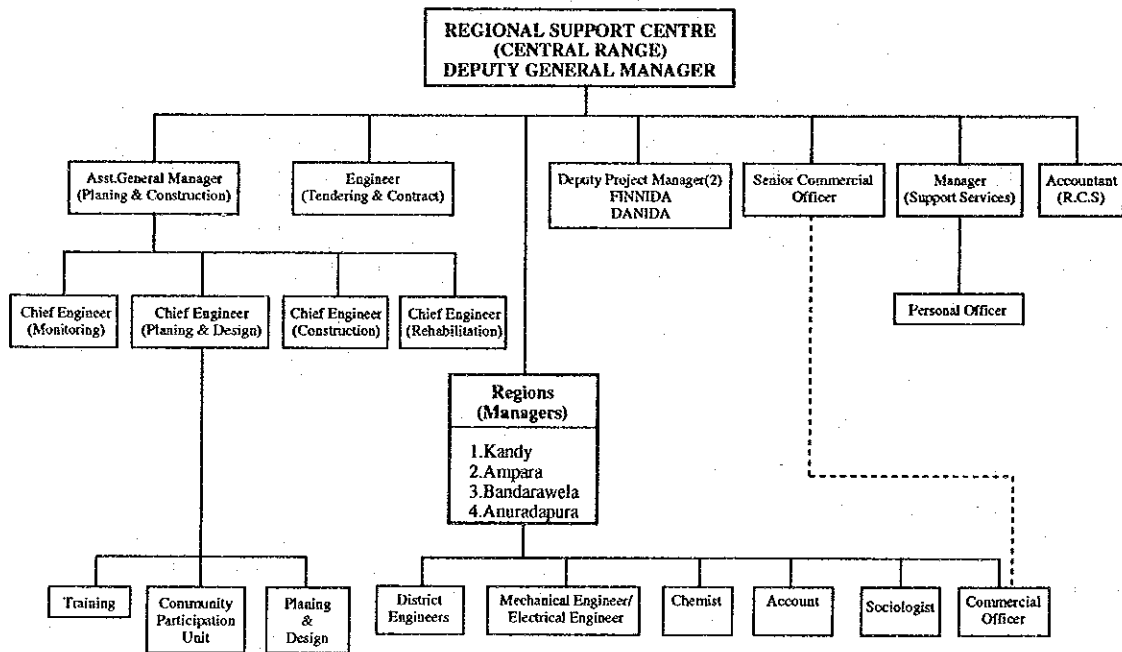
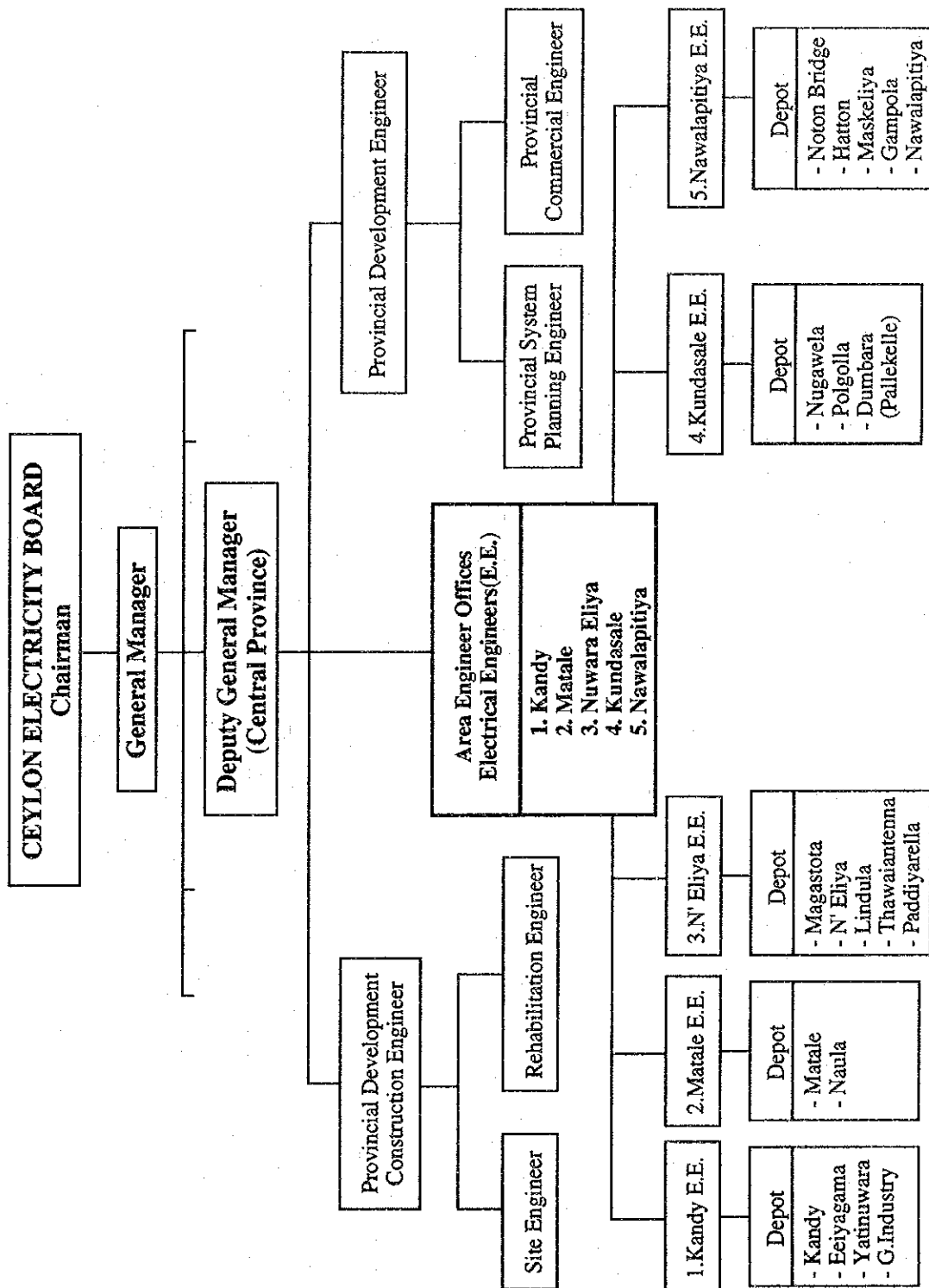


Fig. 4. 6-2 ORGANIZATION CHART FOR WATER SUPPLY



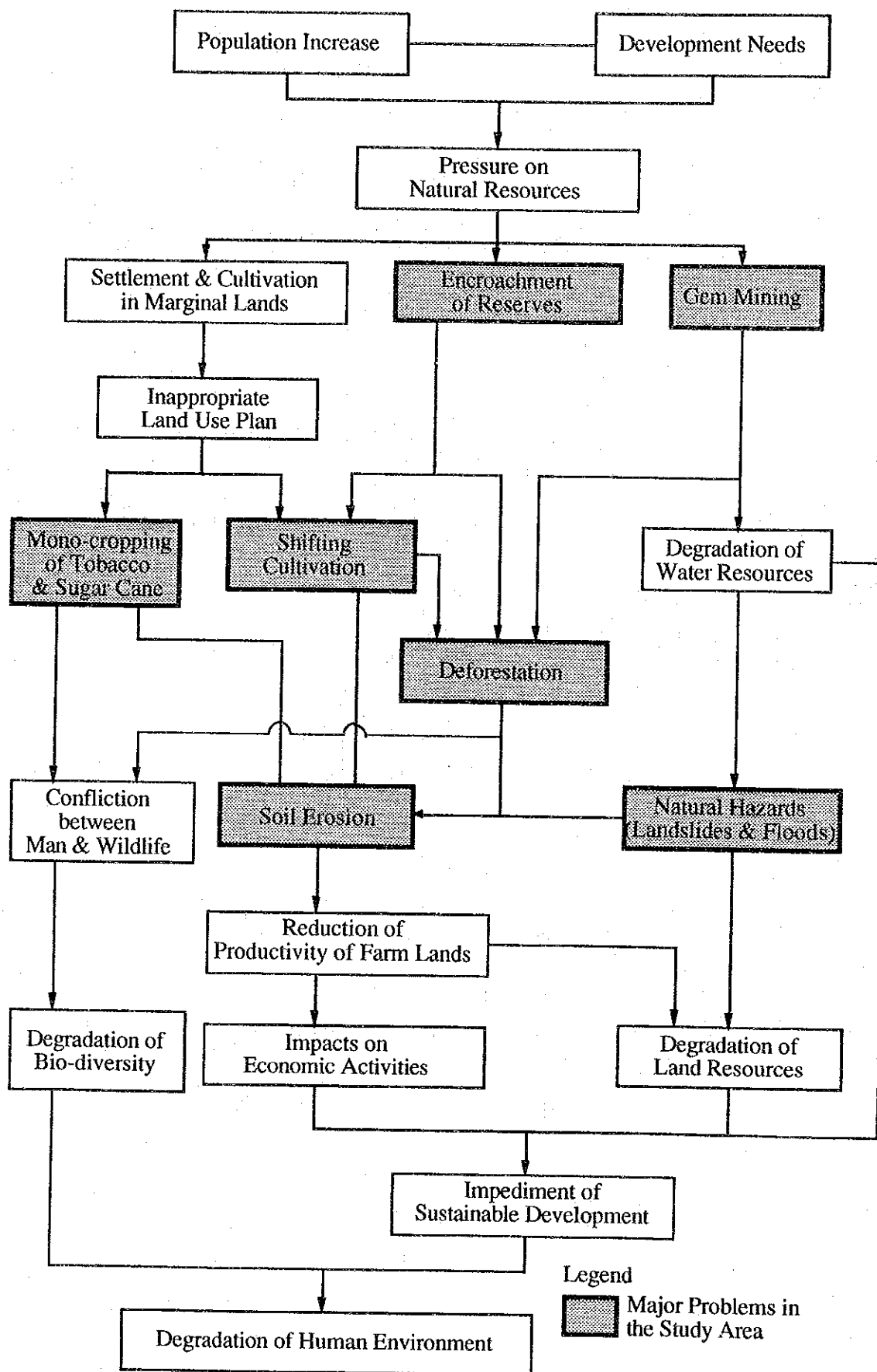


Fig.4.7.1 Implication of Environmental Issues in the Study Area

CHAPTER 5 MASTER PLAN ON AGRICULTURAL AND RURAL DEVELOPMENT

5.1 Approach to Plan Formulation

5.1.1 Basic Direction for Regional Economic Development

The average GDP of the Study area accounts for about 22.1 % of the national GDP and the annual fluctuations in the growth rate during the last decade has not been sharp. The agricultural sector in the Study area accounted for 30 % of the GRDP. Contribution of the industry and service sectors averaged at 16 % and 23 %, respectively. The GRDP of Western Province (including Colombo) has shown an upward trend while other provinces show a downward trend. GRDP in the Study area has barely maintained its status, with Sabaragamuwa province showing an upward trend, Uva province showing a downward and the Central province showing a constant trend.

The Study area is for the most part, consists of mountainous hill country area and occupies the inland provinces of Sri Lanka. Lack of abundant natural resources and poor transport facilities has hindered the development of the industrial sector in the area. During the last decade there has been a marked growth in the industrial sector in Sri Lanka. The development, however, has concentrated in and around Colombo and Gampaha areas. The current industrial policy of the Government will lead to further expansion of this sector in Sri Lanka. However, the benefits of industrialisation and solutions for the physical handicaps will not reach the remote areas for a while.

About 80 % of the agricultural lands in the Study area are located in the Wet and Intermediate Zones, which are blessed with climatic conditions suitable for sustainable agriculture. However, the wide variations in topographic features make some restrictions on agricultural production. Agriculture in the Study area is characterised by two distinct production systems, viz. those of the estate sector and the small holding sector.

The average GDP of the estate agricultural sector consisting of tea, rubber and coconuts accounts for about 7.8 % of the GRDP. The nationalisation of estates in the 1970's was followed by a period of gradual deterioration of the conditions of the plantations and lowered productivity. Following the recent privatisation of the estates, once again it is expected that there will be reactivation of the functions in the estates which would lead to substantial improvement in the sectoral contribution to the regional economy.

As the result of the wide variation in the natural conditions, a variety of regionally specialised agricultural activities can be recognised in the Study area. Of particular interest is the production of up-country vegetables by small-holder farmers who make full use of the natural regional characteristics for production. Vegetable production in the area is indispensable to the country, and the farmers realise a reasonable cash income from their very limited agricultural land resource. The Study area consists of many water resources. However, harnessing these for agricultural purposes are not always possible due to many limitations. The population pressure is a great strain upon the limited land resources even in the Uva and Sabaragamuwa provinces where there are possible areas for new development. The soil erosion caused by the development of the steep slope areas in hill-country, which is not suitable for agriculture, has become a severe environmental problem.

Given due consideration to the above, the following concepts should be substantial for the regional and agricultural development in the area:

- 1) Promotion of the development of estate sector and related industries;
- 2) Promotion of the small-holder agricultural activity, particularly, for the regionally specialised products.

In addition to the above, it will be recommended that the development of tourism and allied service sectors should be accelerated by making efficient use of plentiful historic places, deep and beautiful valleys including many reservoirs, estate farms developed on the slopes, etc.

5.1.2 Conceptual Picture of the Master Plan and Project Element

The basic policy of the Ministry of Up-Country Peasantry Rehabilitation which is in charge of this Study is as follows:

- 1) Provide the basic infrastructure needs of the impoverished peasantry.
- 2) Implement specific regional strategies to respond to the felt needs of the people of the hill country.
- 3) Implement a unified land and human settlements development for landless villagers and plantation workers.

The objectives of the Study agreed upon between the both Governments of Japan and Sri Lanka are to formulate the Master Plan for the agricultural development in the Study area with due regard to the historical background of the area as well as the basic policy stated above. Furthermore, the main targets of the Master Plan are to improve the small farmers' income and living standard by increasing agricultural productivity and improving their living environment. Thus, the formulation of the Master Plan is essentially for the regional development since the objectives of the Master Plan correspond to the basic direction for the area development.

There are four main aspects of the Master Plan which are mutually interlinked to achieve the main targets of the Plan. These are:

- 1) Promotion of agricultural production,
- 2) Consolidation of agricultural infrastructure,
- 3) Improvement of rural living conditions, and
- 4) Reinforcement of institutions.

The linkages that exist among these four aspects are shown in Fig. 5.1-1. The production promotion requires support of infrastructure and institutions. In a similar manner, living conditions are associated with both infrastructure and institutions. Hence, if the production and the living conditions are considered to be the two major priority areas to be targeted, they must be supported by infrastructure and institutional development.

The two major priority areas represent two important development concepts, namely, economic growth and welfare, whereas the two supportive areas represent traditional and contemporary aid subjects, namely, the foundation and sustainability. Therefore, the Master Plan is conceived to contain four essentials of development in an integrated manner.

Within this structure, the Master Plan will take up a limited number of elements selected on the basis of the Scope of Works. Each four large headings contains several projects/program components as shown below:

- 1) Agricultural production promotion:
 - Intensification of agricultural supporting system;
 - Improvement of agricultural production facilities;
- 2) Agricultural infrastructure consolidation:
 - Improvement of irrigation facilities and farm road;
 - Strengthening of farm land conservation;
- 3) Improvement of rural living conditions:
 - Improvement of rural road;
 - Improvement of water supply;
 - Improvement of electrification;
- 4) Institutional reinforcement:
 - Formulation of Master Plan;

5.1.3 Planning Period and Approach to Master Plan Formulation

(1) Planning Period

The planning period of the Master Plan is 10 years commencing in 1994 for completion in 2003, and is sub-divided to consist of two consecutive 5-year plans.

(2) Approach to Plan Formulation

1) Land and Water Resources Development

Under the present land use pattern, improvement of the agricultural productivity and effective use of sparsely used land are considered as the most important aspects in the development plan of this Master Plan. In view of the importance of farm land conservation and watershed management, the land use plan would exclude future use of sloping upland areas which are classified as unsuitable for agricultural purposes and also attempt, as far as possible, to convert existing farmlands in such areas into forest plantations.

Major part of the Study area belong to the wet zone where major rivers basins originate. More than 7,000 irrigation schemes are operated in these river basins. Large scale water resources development outside of these irrigation schemes may affect the water balances in the respective river basins. Therefore, water resources development plan in this Master Plan would be set up on the " Effective Water Use" through the rehabilitation of the existing irrigation schemes.

2) Agricultural promotion and supporting plan

Targets for increasing crop yields and for increasing cropping intensities will be set up in the agricultural production plan. The targets set up in the plan will basically be achieved by the effort of farmers themselves. However, it is strongly expected that the Government will strengthen agricultural supporting services to encourage farmers.

The agricultural supporting plan will be divided into two sections, one relating to institutional matters, and the other relating to agricultural facilities.

Areas for improvement in the provision of agricultural support services based on studies made on the present condition, are examined through the Study and put together as a " Guideline for Agricultural Promotion and Support". It presents a set of recommendations for improvement of the present service organization and support system. It is imperative that the restructuring of the agricultural supporting system undertaken by the government is completed within the shortest possible time, taking into account the recommendations.

As for the agricultural supporting facilities, the coverage in the master plan will be confined governmental facilities. The present state of agricultural facilities, both infrastructural and administrative, provided by the Central and Provincial Governments are below the expected level. In principle, the agricultural plan will address to facilities that require improvement in order to benefit the farmers directly by eliminating or minimizing the problems in agricultural production and marketing.

3) Rural Infrastructure Development

The Master Plan of rural infrastructure development would be set up as a reliable plan considering; (a) public investment plan of Sri Lanka, (b) development plans prepared by the agencies concerned, and (c) requests for improvements received through Divisional Secretariats. On going projects and planned projects, which are scheduled for implementations during the period 1994 to 2003, will be caught up in the Master Plan.

Implementation quantities for respective sectors would be established based on the trend of public investment of Sri Lanka during past half decade and the GRDP in the Study area.

Majority of agricultural development projects in Sri Lanka are executed with foreign financial assistance. Basic data on irrigation, rural roads, rural water supply and electrification collected during the Study have been input into a computer data base system. This data base system can be used for monitoring of the project implementation. If and when revisions of the plan in respect of any of the above sectors are made, adjustments and alterations can be accommodated in the data base.

4) Environment Preservation and Control Plan

Farm land conservation to sustain land productivity, to prevent soil erosion, etc., are important components in the environment preservation sector. Since national policy issues on farm land conservation have not been formulated as yet, the Plan is formulated to specify possible target areas and to set up conservation target.

The final goal for farm land conservation is to attain sustainable development conditions on farmlands in the Up-country area. Thus the completion of land conservation treatments in areas that are being seriously degraded should be set as a target of the long term plan of the sector. Nearly 324,000 ha of the lands (about 17 % of the Study area) are to be treated with appropriate land conservation measures. Two different types of projects, namely, farm land conservation projects and watershed management projects would be considered for establishment in the sectoral master plan.

5.2 Land and Water Resources Development Plan

5.2.1 Land Resources Development Plan

(1) Potential Land for New Development

Based on the Indicative Land Use Map and Land Use Map, a study on development potential of lands in the Study area has been carried out. Following guidelines were used in this study..

- 1) Potential land for new development should be under utilized land.
- 2) Development for smallholdings should take precedence over the development for the estate sector.
- 3) Development potential includes no protected area as natural forest and forest plantation.
- 4) Upland fields having slopes of over 60% should be excluded from the scope of the study.

According to the study, almost all of the new potential development areas are occupied by land classes 4 and 5. The potential development areas by division are shown in Table 5.2-1 and Fig. 5.2-1 and the district wise summary is given below.

Class	Matale	Kandy	Nuwara Eliya	Badulla	Moneragala	Kegala	Ratunapura	Total
Class 4	353	0	5	280	1271	0	185	2,094
Class 5	35	14	14	17	139	5	86	310
Total	388	14	19	297	1410	5	271	2,404

Above table shows that there are no large potential development areas in Kandy and Nuwara Eliya districts in the Central Province and Kegalle district in the Sabaragamuwa Province. Larger extents of potential lands are found distributed in Moneragala and Badulla districts in the Uva Province and in Matale district of the Central Province. However, the following limitations on the development of potential areas are identified.

- 1) Most of these potential lands are located in the Dry zone and any land development effort will necessitate the development of water resources as well in order to ensure good return on the investment.
- 2) Some high potential lands are taken up by the sugarcane and the proposed pineapple plantation development projects.
- 3) National Land Use Plan 1992-2025 has given high priority to increasing of agricultural productivity through effective land use.

Therefore, the order of priority given to new land development in the Master Plan will be low.

(2) Land Use Plan

Land development plan in this Master Plan would be set up based on increasing of agricultural productivity and effective water usage in accordance with the National Development Plan.

The Master Plan is formulated according to the following basic concepts.

- 1) The potential land for new development as mentioned previously is not included in the development plan except for existing development plans. (New development of potential lands will have to be assessed by further feasibility studies.)
- 2) Some abandoned paddy fields should be reclaimed.
- 3) Some low productivity estate plantations should be distributed as smallholdings.
- 4) Some part of the sloping upland fields (exceeding 60% slope) should be converted to forest plantations. However, the total extend of forest plantation would depend on the possible alienation in plantation areas mentioned above.

The land use plan is estimated follows.

(Unit: km ²)			
Land Use	Existing	Plan	Balance
Agricultural Land			
Homesteads	2485.7	2441.7	-44.0 (Forest Plantation)
Plantation	3080.8	3030.8	-50.0 (Alienation)
Paddy Field	1157.9	1226.1	68.2 (Rehabilitation of avandon paddy field)
OFC Field	473.5	467.5	-6.0 (Forest Plantation)
Sparcely Used Cropland	4548.6	4310.4	-238.2 (New development and rehabilitation)
Forest and Rangeland			
Open forest and rangeland	2974.6	2864.6	-110.0 (New development)
Forest Plantation	335.7	385.7	50.0 (from Homesteads and OFC field)
Development			
New Development	0	280.0	280.0 (Sparcely Used Cropland and Open forest and rangeland)
Alienation	0	50.0	50.0 (from plantation)

5.2.2 Water Resources Development Plan (Irrigation)

(1) Water Resources Potential

From the Section 5.2.1, it is seen that the major potential land resource areas are scattered in the northern part of Matale district, northern and southern parts of Badulla district, south-eastern part of Ratnapura district, and eastern and southern parts of Moneragala district. Potential water resources for these areas are as follows:

Matale District

Western part of potential land area belongs in Kala Oya basin. Mahaweli System H has been developed in this basin to which water is diverted from Mahaweli Ganga basin through Bowatenna-Dambulla Diversion. Eastern part of land potential area belongs the Mahaweli Ganga basin, where full development of water resources has been set up under the Mahaweli Authority of Sri Lanka (MASL).

Ratnapura district

Eastern section of the potential area belongs to Walawe Ganga basin and the remaining area lies in Kalu Ganga basin. In the Walawe Ganga basin, full water resources development plan has been set up by the MASL.

Kalu Ganga basin has the potential for development of water resources. The average annual runoff is 2,228 mm and monthly average runoff varies from 72 mm to 345 mm at Ellagawa gauging station. The average annual runoff ratio of the river is 70% and the monthly average runoff ratio varies from 29 % to 94 %.

Badulla District

Northern part of the potential land area belongs Mahaweli Ganga basin and Madru Oya basin. In the Mahaweli Ganga Basin, as mentioned above, full water resources development is set up by MASL. Part of Mahaweli System B has been developed and full development of the remaining area is set up in Madru Oya basin under MASL. Since water in this basin is insufficient for full development, water from the Mahaweli Ganga basin is diverted at Minipe and conveyed to Madru Oya reservoir through Ulhitiya and Ratkinda reservoirs.

Since southern part of the potential areas belongs Walawe ganga basin, water resources condition is the same as that of Ratnapura district.

Moneragala District

Potential land resources in the district are scattered in 8 major river basins. Northern and southern parts of the district belong the Madru Oya/Mahaweli Ganga basins, and Walawe Ganga basin, respectively. As described the above, these basin are planned full development.

In Kirindi Oya basin, the average annual runoff is 925 mm and average monthly runoff varies from 29 mm to 149 mm at Wellawaya gauging station. The average annual runoff ratio is 19 % and average monthly runoff ratio varies from 31 % to 66 %.

In Menik Ganga basin, the average annual runoff is 290 mm and average monthly runoff varies from 3 mm to 69 mm at Kataragama gauging station. The average annual runoff ratio is 47 % and average monthly runoff ratio varies from 6 % to 30 %.

In Kumbukkan Oya basin, the average annual runoff is 803 mm and average monthly runoff varies from 30 mm to 121 mm at Nakkala gauging station. The average annual runoff ratio is 63 % and average monthly runoff ratio varies from 34 % to 148 %.

In Willa Oya basin, the average annual runoff is 245 mm and average monthly runoff varies from 0 mm to 90 mm at Wedagama gauging station. The average annual runoff ratio is 15 % and average monthly runoff ratio varies from 0 % to 65 %.

In Heda Oya basin, the average annual runoff is 659 mm and average monthly runoff varies from 3 mm to 163 mm at Siyambalanduwa gauging station. The average annual runoff ratio is 32 % and average monthly runoff ratio varies from 2 % to 91 %.

In Gal Oya basin, the average annual runoff is 1,073 mm and average monthly runoff varies from 15 mm to 207 mm at Inginiyagala gauging station. The average annual runoff ratio is 49 % and average monthly runoff ratio varies from 9 % to 69 %.

In Unnichchai basin, the average annual runoff is 856 mm and average monthly runoff varies from 2 mm to 271 mm at Periy Aru gauging station. The average annual runoff ratio is 45 % and average monthly runoff ratio varies from 3 % to 82 %.

In Mundeni Aru basin, the average annual runoff is 612 mm and average monthly runoff varies from 2 mm to 194 mm at Nakkala gauging station. The average annual runoff ratio is 30 % and average monthly runoff ratio varies from 4 % to 58 %.

The above mentioned river characteristics are shown in Table 5.2-2.

(2) Development Plan (Irrigation)

In the Study area, there are 15 major river basins with large water resources. Since water resources development in most of these basin have already been carried out especially in the dry zone, the direction of development can be set up on the effective usage of water resources. Four (4) approaches for the development of water resources for irrigation purposes can be recognized as follows:

- Effective water usage in the existing irrigation scheme.
- New irrigation development in the land potential area.
- Irrigation development of abandoned schemes.
- Irrigation for upland crops.

Effective water usage in the existing irrigation scheme

Many irrigation schemes in the Study area are categorized as in poor condition and are faced with problems of scarcity of water and/or excessive water usage by the farmer. In order to solve this problem and improve water usage, rehabilitation followed by proper water management as well as operation and maintenance of the schemes are essential. Through rehabilitation and proper water management, effective water usage can be achieved and areas that have been abandoned in some schemes due to scarcity of water could be reclaimed.

New irrigation development in the land potential area

As mentioned in the above section, the possibility exists for utilization of water resources for new irrigation development in Moneragala district, Ratnapura district, and some part in Mahaweli Ganga, Madru Oya, Kala Oya and Walawe Ganga basins.

In Mahaweli Ganga, Madru Oya, Kala Oya and Walawe Ganga basins, MASL has set up plans for full development of water resources. If new land development is planned in these basins, special attention should be paid to the water balances in close consultation with the MASL.

In the other river basins in Moneragala and Ratnapura district, there is some potential for new irrigation development, particularly for crops such as paddy, sugarcane etc. However, a number of water resources development plans have already been set up