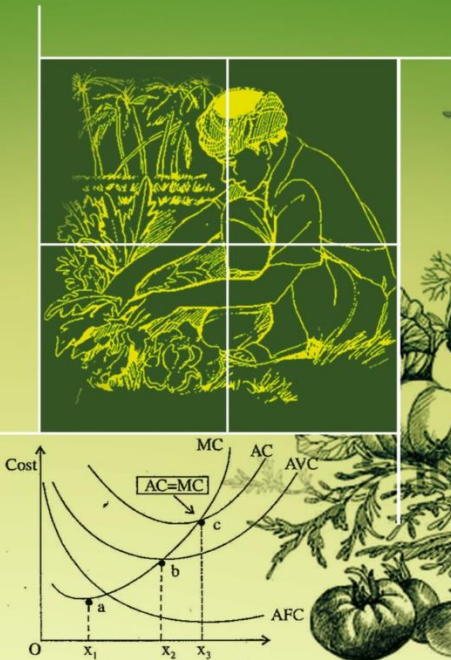




COST OF CULTIVATION OF AGRICULTURAL CROPS



2023/2024 Maha



Socio Economics and Planning Centre
Department of Agriculture
Peradeniya



COST OF CULTIVATION OF AGRICULTURAL CROPS
2023/24 MAHA SEASON

Socio Economics & Planning Centre
Department of Agriculture
Peradeniya

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1. Paddy sector

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Table 1.1 : Cost of cultivation per acre of Paddy (irrigated)- Ampara- East

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
(Pre weedicide application)	(30)	(400)		(1,140)	
General land preparation	60	1,268			1,268
1 st , 2 nd & 3 rd plough with 4wt (do with 2wt)	90 (10)	1,560	14,656 (8,500)		16,216
Plastering Bunds	100	5,787			5,787
Leveling & broadcasting	100	3,853		9,240	13,093
Fertilizer application	100	2,591	691	25,418	28,700
Weed control with weedicides	97	1,147		7,415	8,562
Pest control with pesticide	87	1,818		2,997	4,815
Water management	100	5,439			5,439
Harvesting with combine harvester	100	4,753	14,843		19,596
Transport produce to store	73	466	2,771		3,237
Total including imputed cost		28,682	32,961	45,070	106,713
Total excluding imputed cost		15,642	32,459	44,444	92,545

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				At 362 - 69
seed	kg	66.00	140.00	Bg 94/1 - 22
LABOUR				other - 09
Hired	md	6	2,607	
Family	md	5		
Total	md	11		
%				
FERTILIZER	Reporting			
Basal				
Urea	(7)	kg	(9)	(200)
TSP	87	kg	26	203
Top dressing				
Urea	100	kg	92	179
MOP	60	kg	17	216
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	1,780		4,398	
Price of produce (Rs/kg)	97			
Gross income (Rs)	172,660		426,643	
Profit incl. imputed cost (Rs)	65,947		162,955	
Profit excl. imputed cost (Rs)	80,115		197,964	
Unit cost (incl.imputed cost) (Rs/kg)	59.95			
Unit cost (excl. imputed cost) (Rs/kg)	51.99			

Table 1.2 : Cost of cultivation per acre of Paddy (irrigated)- Ampara- West

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	84	2,104			2,104
1 st & 2 nd plough with 4wt	100	868	21,221		22,089
Plastering bunds (manual)	100	11,216			11,216
Broadcasting	100	6,423		9,455	15,113
Fertilizer application	100	1,550		24,398	25,948
Weed control with weedicides	100	988		5,040	6,028
Pest control with pesticide	84	839		2,528	3,368
Water management	100	7,027			7,027
Harvesting & processing with combine harvester	100	1816	17,951		19767
Additional drying	87	6401			6401
Transport produce to store	94	500	2,253		2753
Total including imputed cost		39732	41,425	41,421	121,814
Total excluding imputed cost		11352	38,577	38,269	88,198
RELATED INFORMATION					
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)	
SEED				Bg 1/94 -35	
seed	kg	61.00	155.00	At 362- 26	
LABOUR				Other - 39	
Hired	md	4	2,838		
Family	md	10			
Total	md	14			
FERTILIZER					
	% Reporting				
Basal					
TSP	81	kg	27	234	
Top dressing	100	kg	78	190	
Urea					
MOP	52	kg	15	221	
YIELD AND RETURNS					
		Per ac		Per ha	
Average yield (kg)		2,182		5,392	
Price of produce (Rs/kg)		98			
Gross income (Rs)		213,836		528,389	
Profit incl. imputed cost (Rs)		92,022		227,386	
Profit excl. imputed cost (Rs)		125,760		310,752	
Unit cost (incl.imputed cost) (Rs/kg)		55.83			
Unit cost (excl. imputed cost) (Rs/kg)		40.36			

Table 1.3 : Cost of cultivation per acre of Paddy (irrigated)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General land preparation	80	3,278			3,278
1 st 2 nd & 3 rd plough with 4wt	73	1,675	23,816		25,491
(do with 2wt)	(27)	.(4,625)	.(25,000)		.(29,625)
Plastering bunds	100	11,672			11,672
Leveling & broadcasting	100	6,410		9,964	16,374
Fertilizer application	100	1,589	277	29,336	31,202
Weed control with weedicides	100	982		5,107	6,089
Pest control with pesticide	57	750		2,938	3,688
Water management	100	9,150			9,150
Harvesting with combine harvester	100	1,632	23,830		25,462
Additional drying	70	5,012			5,012
Transport produce to store	97	200	1,041		1,241
Total including imputed cost		42,349	48,964	47,345	138,658
Total excluding imputed cost		15,882	47,435	44,531	107,848
RELATED INFORMATION					
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)	
SEED				Bg 352 - 23	
Seed	kg	47.00	212.00	Bg 357 - 10	
LABOUR				Bg 300 - 10	
Hired	md	6	2,647	Bg 366 - 10	
Family	md	10		Bg 360 - 10	
Total	md	16		Bg 409 - 10	
FERTILIZER	% Reporting			Other - 27	
Basal					
Urea	43	kg	39	200	
TSP	60	kg	24	210	
Topdressing					
Urea	93	kg	64	189	
MOP	83	kg	16	275	
YIELD AND RETURNS	Per ac		Per ha		
Average yield (kg)	1,607		3,971		
Price of produce (Rs/kg)	111				
Gross income (Rs)	178,377		440,770		
Profit incl. imputed cost (Rs)	39,719		98,146		
Profit excl. imputed cost (Rs)	70,529		174,277		
Unit cost (incl.imputed cost) (Rs/kg)	86.28				
Unit cost (excl. imputed cost) (Rs/kg)	67.11				

Table 1.4 : Cost of cultivation per acre of Paddy (irrigated)- Hambantota

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	100	1,500			1,500
1 st 2 nd & 3 rd plough with 4wt	100	900	26,294		27,194
Plastering bunds	100	14,045			14,045
Leveling & broadcasting	100	6,787		10,440	17,227
Fertilizer application	100	2,100		28,583	30,683
Weed control with weedicides	100	1,730		11,354	13,084
Pest control with pesticide	63	1,396		5,132	6,528
Water management	100	14,400			14,400
Harvesting with combine harvester	100	4,472	22,872		27,344
Transport produce to store	63	596	2,596		3,192
Total including imputed cost		47,925	51,762	55,509	155,197
Total excluding imputed cost		25,161	51,762	53,715	130,635

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				At 362 - 100
Seed	kg	72.00	145.00	
LABOUR				
Hired	md	8	2,995	
Family	md	8		
Total	md	16		
FERTILIZER	% Reporting			
Basal				
TSP	90	kg	29	236
Top Dressing				
Urea	100	kg	90	182
MOP	93	kg	23	233
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	2,020	*	4,991	
Price of produce (Rs/kg)	93			
Gross income (Rs)	187,860		464,202	
Profit incl. imputed cost (Rs)	32,663		80,710	
Profit excl. imputed cost (Rs)	57,225		141,403	
Unit cost (incl.imputed cost) (Rs/kg)	76.83			
Unit cost (excl. imputed cost) (Rs/kg)	64.67			

* Low yield due to rain

Table 1.5 : Cost of cultivation per acre of Paddy (irrigated)- Kurunegala

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
All nursery preparation	(13)	(5,825)		(3,500)	
General land preparation	93	4,166			4,166
1 st 2 nd & 3 rd plough with 4wt	87	1,375	22,504		23,879
(1 st 2 nd & 3 rd plough with 2wt)	.(13)	.(2,100)	.(20,857)		
Plastering bunds	100	18,276			18,276
Broadcasting	83	11,032		7,622	18,654
(Parachute)	.(13)	.(19,360)			
Fertilizer application	100	4,129		17,452	21,581
Weed control with weedicides	87	2,603		4,964	7,567
Pest control with pesticide	60	3,470		4,727	8,197
Water management	80	3,958			3,958
Harvesting with combine harvester	100	3,709	20,943		24,652
Additional drying	100	7,624			7,624
Transport produce to store	100	1,717	1,297		3,014
Total including imputed cost		62,058	44,744	34,765	141,567
Total excluding imputed cost		33,618	44,336	34,272	112,227

RELATED INFORMATION

Quantity and Price of Inputs					
Input	% Reporting	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					Bg 360 - 23
Seed-broadcasting	87	kg	37.00	206.00	Bg 366 - 17
Seed- (Parachute)	.(13)	kg	.(16.00)		Bg 409 - 17
LABOUR					Bg 352 - 14
Hired		md	13	2,586	Bw 367 - 11
Family		md	11		Red Basmati - 11
Total		md	24		other - 07
FERTILIZER					
Basal					
Compost	16	kg	38	Free	
TSP	70	kg	18	206	
Top dressing					
Urea	93	kg	56	170	
MOP	83	kg	22	192	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		1,481	*	3,660	
Price of produce (Rs/kg)		117			
Gross income (Rs)		173,277		428,167	
Profit incl. imputed cost (Rs)		31,710		78,355	
Profit excl. imputed cost (Rs)		61,050		150,856	
Unit cost (incl.imputed cost) (Rs/kg)		95.59			
Unit cost (excl. imputed cost) (Rs/kg)		75.78			

* Low yield due to heavy rain

Table 1.6 : Cost of cultivation per acre of Paddy (irrigated)- Polonnaruwa

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	100	3,011			3,011
1 st 2 nd & 3 rd plough with 2wt (do with 4wt)	64 ,(36)	6,457 (2720)	18,914 ,(24,000)		25,371
Plastering bunds	100	12,759			12,759
Leveling & broadcasting	100	6,549		9,064	15,613
Fertilizer application	100	3,840		33,244	37,084
Weed control with weedicides	100	1,434		5,038	6,473
Pest control with pesticide	77	2,559		3,881	6,440
Water management	100	9,450			9,450
Harvesting with combine harvester	100	2,195	18,458		20,653
Additional drying	77	6,061			6,061
Transport produce to store	87	1,015	2,102		3,117
Total including imputed cost		55,331	39,474	51,227	146,032
Total excluding imputed cost		24,591	22,729	48,607	95,928

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Bg366 - 24
Seed	kg	44.00	206.00	Bg360 - 20
LABOUR				Bg352 - 12
Hired	md	8	3,074	Bg409 - 10
Family	md	10		Bg375 -07
Total	md	18		Other - 27
FERTILIZER	% Reporting			
Basal				
TSP	84	kg	32	239
Urea	58	kg	36	188
Top dressing				
Urea	97	kg	76	189
MOP	74	kg	18	248
YIELD AND RETURNS	Per ac			Per ha
Average yield (kg)	2,201	*		5,439
Price of produce (Rs/kg)	103			
Gross income (Rs)	226,703			560,183
Profit incl. imputed cost (Rs)	80,671			199,338
Profit excl. imputed cost (Rs)	130,775			323,146
Unit cost (incl.imputed cost) (Rs/kg)	66.35			
Unit cost (excl. imputed cost) (Rs/kg)	43.58			

* Low yield due to rain & pest attack

Table 1.7 : Cost of cultivation per acre of Paddy (irrigated)- Mahaweli B

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General land preparation	87	1,800			1,800
1 st & 2 nd plough with 4wt	43	1,075	20,800		21,875
1 st , 2 nd & 3 rd plough 4wt	(30)	(1075)	(22,667)		
(do with 2wt)	(27)	(2825)	(19,375)		
Plastering and bunds	100	11,751			11,751
Levelling & broadcasting	100	5,816		8,610	14,426
Fertilizer application	100	1,809		26,520	28,329
Weed control with weedicides	100	832		6,572	7,404
Pest control with pesticide	60	907		2,440	3,347
Water management	100	6,225			6,225
Harvesting with combine harvester	97	2,178	19,100		21,278
(do manually)	(03)	(20,000)			
(Threshing & winnowing with 4w thresher)	(03)	(1,675)	(3,000)		
Additional drying	63	3,931			3,931
Transport produce to store	83	250	2,128		2,378
Total including imputed cost		36,574	42,028	44,142	122,744
Total excluding imputed cost		18,284	35,360	40,788	94,432

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Bg 360 - 60
seed	kg	42.00	205.00	Bg 352 - 12
LABOUR				Bg 367 - 09
Hired	md	7	2,612	Bg 366 - 08
Family	md	7		Other - 11
Total	md	14		
FERTILIZER	% Reporting			
Basel				
TSP	87	kg	30	224
Top dressing				
Urea	100	kg	79	202
MOP	93	kg	17	226
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	1,863		4,603	
Price of produce (Rs/kg)	129			
Gross income (Rs)	240,327		593,848	
Profit incl. imputed cost (Rs)	117,583		290,548	
Profit excl. imputed cost (Rs)	145,895		360,507	
Unit cost (incl.imputed cost) (Rs/kg)	65.88			
Unit cost (excl. imputed cost) (Rs/kg)	50.69			

Table 1.8 : Cost of cultivation per acre of Paddy (irrigated)- Mahaweli C

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	87	3,339			3,339
1 st & 2 nd plough with 4wt	57	1,087	19,688		20,775
1 st 2 nd & 3 rd plough with 2wt	(43)	(3,756)	(18,457)		
Plastering bunds	100	15,608			15,608
Leveling & broadcasting	100	7,080		9,245	16,325
Fertilizer application	100	1,374	222	20,204	21,800
Weed control with weedicides	93	1,006		4,549	5,555
Pest control with pesticide	63	1,200		2,959	4,159
Water management	100	7,180			7,180
Harvesting and processing with combine harvester	100	2,929	19,217		22,146
Additional drying	100	4,433			4,433
Transport produce to store	97	329	1,638		1,967
Total including imputed cost		45,565	40,765	36,957	123,287
Total excluding imputed cost		18,760	40,292	36,957	96,009

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Bg 360 - 35
seed	kg	43.00	215.00	BG 366 - 19
LABOUR				Bg 403 - 14
Hired	md	7	2680	Bg 352 - 11
Family	md	10		Bg 374 - 07
Total	md	17		Other - 14
FERTILIZER	% Reporting			
Basal				
TSP	90	kg	21	235
Top dressing				
Urea	100	kg	56	188
MOP	93	kg	17	270
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	1,598	*	3,949	
Price of produce (Rs/kg)	123			
Gross income (Rs)	196,554		485,685	
Profit incl. imputed cost (Rs)	73,267		181,042	
Profit excl. imputed cost (Rs)	100,545		248,446	
Unit cost (incl.imputed cost) (Rs/kg)	77.15			
Unit cost (excl. imputed cost) (Rs/kg)	60.08			

* Low yield due to heavy rain & disease

Table 1.9 : Cost of cultivation per acre of Paddy (irrigated)- Mahaweli H

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
(General land preparation)	56	2,175			2,175
1 st & 2 nd plough with 4wt	41	1,818	23,754		25,572
(1 st & 2 nd plough with 2wt)	(25)	(2,610)	(19,000)		
(1 st , 2 nd & 3 rd plough with 4wt)	(9)		(24,533)		
(1 st , 2 nd & 3 rd plough with 2wt)	(25)	(3,480)			
Plastering bunds	100	14,587			14,587
Levelling & broadcasting	100	6,780		8,496	15,276
Fertilizer application	100	3,245	325	26,987	30,557
Weed control with weedicides	94	700		4,528	5,228
Pest control with pesticide	47	811		2,525	3,336
Water management	75	10,230			10,230
Harvesting with combine harvester	75	6,017	23,831		29,848
Harvesting & drawing manually	(25)	(24,472)			
Threshing & winnowing with 4w thresher	(25)	(17378)	(8,844)		
Additional drying	88	7,200			7,200
Transport produce to store	78	450	1,705		2,155
Total including imputed cost		54,013	49,615	42,536	146,164
Total excluding imputed cost		15,432	49,278	40,857	105,567

RELATED INFORMATION

Quantity and Price of Inputs					
Input		Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED		kg	48.00	177.00	Bg 352 - 38
Seed					Bw 367 - 16
LABOUR					Pokuru samba - 16
Hired		md	6	2,572	Bg 409 - 14
Family		md	15		Other - 16
Total		md	21		
FERTILIZER	% Reporting				
Basal					
Urea	84	kg	28	196	
TSP	53	kg	22	231	
MOP	(18)	kg	(18)	(191)	
Top dressing					
urea	94	kg	62	201	
MOP	63	kg	19	213	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		1,961	*	4,846	
Price of produce (Rs/kg)		107			
Gross income (Rs)		209,827		518,483	
Profit incl. imputed cost (Rs)		63,663		157,311	
Profit excl. imputed cost (Rs)		104,260		257,626	
Unit cost (incl.imputed cost) (Rs/kg)		74.54			
Unit cost (excl. imputed cost) (Rs/kg)		53.83			

*Low yield due to high rainfall

Table 1.10 : Cost of cultivation per acre of Paddy (irrigated)- Mannar

Operation	Pecent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	86	2,431			2,431
1 st 2 nd & 3 rd plough with 4wt	100	1,225	19,614		20,839
Plastering bunds	100	7,253			7,253
Levelling & broadcasting	100	5,520		11,978	17,498
Fertilizer application	100	2,358		27,226	29,584
Weed control with weedicides	100	1,250		20,594	21,844
Pest control with pesticide	86	1,239		4,384	5,623
Water management	100	18,090			18,090
Harvesting with combine harvester	100	2,924	16,667		19,591
Transport produce to store	82	250	1,875		2,125
Total including imputed cost		42,540	38,156	64,182	144,878
Total excluding imputed cost		17,016	37,022	63,892	117,930

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Bg 360 - 99
Seed	kg	53.00	226.00	At 308 - 01
LABOUR				
Hired	md	6	2,836	
Family	md	9		
Total	md	15		
FERTILIZER	% Reporting			
Basal				
TSP	93	kg	36	235
Top Dressing				
Urea	100	kg	66	198
MOP	75	kg	22	259
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	2,205		5,449	
Price of produce (Rs/kg)	128			
Gross income (Rs)	282,240		697,415	
Profit incl. imputed cost (Rs)	137,362		339,422	
Profit excl. imputed cost (Rs)	164,310		406,010	
Unit cost (incl.imputed cost) (Rs/kg)	65.70			
Unit cost (excl. imputed cost) (Rs/kg)	53.48			

Table 1.11 : Cost of cultivation per acre of Paddy (irrigated)- Trincomalee

Operation	Percent Reporte d	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General land preparation	67	2,146			2,146
1 st 2 nd & 3 rd plough with 4wt	100	982	21,847		22,829
Plastering bunds	100	10,953			10,953
Levelling & broadcasting	100	6,250		10,282	16,532
Fertilizer application	100	1,688	645	29,811	32,144
Weed control with weedicides	100	920		6,148	7,068
Pest control with pesticide	87	1,403		4,647	6,050
Water management	100	4,125			4,125
Harvesting with combine harvester	100	3,384	19,087		22,471
Transport produce to store	67	350	2,511		2,861
Total including imputed cost		32,201	44,090	50,888	127,179
Total excluding imputed cost		18,781	42,799	48,031	109,611
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)		Varieties (Ext %)
SEED					Bg 360 - 47
Seed	kg	53.00	194.00		Bg 366 - 20
LABOUR					Other - 33
Hired	md	7	2,683		
Family	md	5			
Total	md	12			
FERTILIZER	% Reporting				
Basal					
TSP	73	kg	35	240	
Top Dressing					
Urea	100	kg	83	200	
MOP	80	kg	17	283	
YIELD AND RETURNS					
Average yield (kg)	1,572	*	3,884		
Price of produce (Rs/kg)	110				
Gross income (Rs)	172,920		427,285		
Profit incl. imputed cost (Rs)	45,741		113,026		
Profit excl. imputed cost (Rs)	63,309		156,437		
Unit cost (incl.imputed cost) (Rs/kg)	80.90				
Unit cost (excl. imputed cost) (Rs/kg)	69.73				

* Low yield due to high rain and pest damage.

According to the comparison of last maha season (2022/23 maha) total cost has been increased due to high usage of fertilizer

Table 1.12 : Cost of cultivation per acre of Paddy (irrigated)- Udawalawa

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	100	1,560			1,560
1 st 2 nd & 3 rd plough with 4wt	100	1,040	26,086		27,126
Plastering bunds	100	9,438			9,438
Levelling & broadcasting	100	8,401		9,936	18,337
Fertilizer application	100	2,632		27,750	30,382
Weed control with weedicides	100	1,200		8,220	9,420
Pest control with pesticide	57	810		4,081	4,891
Water management	100	11,336			11,336
Harvesting & processing with combine harvester	100	5,149	24,765		29,914
Transport produce to store	70	1,534	3,906		5,440
Total including imputed cost		43,100	54,757	49,987	147,844
Total excluding imputed cost		16,164	54,757	48,103	119,024

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				AT 362 - 100
Seed	kg	69.00	144.00	
LABOUR				
Hired	md	6	2,694	
Family	md	10		
Total	md	16		
FIELD FERTILIZER	% Reporting			
Basal				
TSP	73	kg	34	206
Top Dressing				
Urea	100	kg	92	179
MOP	93	kg	23	186
YIELD AND RETURNS	Per ac			Per ha
Average yield (kg)	2,250	*		5,560
Price of produce (Rs/kg)	95			
Gross income (Rs)	213,750			528,176
Profit incl. imputed cost (Rs)	65,906			162,854
Profit excl. imputed cost (Rs)	94,726			234,068
Unit cost (incl.imputed cost) (Rs/kg)	65.71			
Unit cost (excl. imputed cost) (Rs/kg)	52.90			

* Low yield due to heavy rain

Table 1.13 : Cost of cultivation per acre of Paddy (rain-fed)- Batticaloa

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
1 st , 2 nd & 3 rd plough with 4wt	100	1,325	13,613		14,938
Plastering bunds	100	5,859			5,859
Levelling & broadcasting	100	3,340		9,800	13,140
Fertilizer application	100	2,211	454	22,328	24,993
Weed control with weedicides	97	1,258		7,837	9,095
Pest control with pesticide	67	1,605		4,334	5,939
Harvesting & processing with combine harvester	100	3,489	12,857		16,346
Transport Produce to store	83	750	3,211		3,961
Total including imputed cost		19,837	30,135	44,299	94,271
Total excluding imputed cost		14,170	30,135	44,299	88,604
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)		Varieties (Ext %)
SEED					Bg 366 - 27
Seed	kg	70.00	140.00		At 362 - 17
LABOUR					Bg 360 - 14
Hired	md	5	2,834		Bg 374 - 12
Family	md	2			Bg 358 - 05
Total	md	7			Other - 25
FERTILIZER	% Reporting				
Basal					
TSP	67	kg	24	242	
Top Dressing					
Urea	100	kg	74	184	
Discovery	40	kg	8	363	
YIELD AND RETURNS	Per ac			Per ha	
Average yield (kg)	1,204	*		2,975	
Price of produce (Rs/kg)	87				
Gross income (Rs)	104,748			258,832	
Profit incl. imputed cost (Rs)	10,477			25,889	
Profit excl. imputed cost (Rs)	16,144			39,892	
Unit cost (incl.imputed cost) (Rs/kg)	78.30				
Unit cost (excl. imputed cost) (Rs/kg)	73.59				

*50% of farmers reported as low yield due to rain. spent 3md/ac for release flooding water

Table 1.14 : Cost of cultivation per acre of Paddy (rain-fed)- Gampaha

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	94	6,562			6,562
1 st & 2 nd plough with 4wt	67	750	21,503		22,253
(do with 2wt)	(30)	(2,550)	(24,434)'		
(do manually)	(3)	(3,000)			
Plastering bunds	100	12,229			12,229
Levelling & broadcasting	84	14,523		7,812	22,335
(Parachute)	(16)'	(11,057)			
Fertilizer application	97	2,494		19,691	22,185
Weed control with weedicides	78	2,029		5,536	7,565
Harvesting with combine harvester	88	2,802	19,973		22,775
(do manually)	(9)'	(18,250)			
(Harvesting with grass cutter)	(3)'	(3,750)	(9,333)		
Threshing & winnowing with EPPT	(12)'	(3,939)	(6,987)'		
Additional drying	100	5,569			5,569
Transport produce to store	59	250	1,381		1,631
Total including imputed cost		47,208	42,857	33,039	123,104
Total excluding imputed cost		14,750	42,857	30,376	87,983

RELATED INFORMATION

Quantity and Price of Inputs					
Input		Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					BW 367 - 64
Seed (broadcasting)		kg	36.00	217.00	BG 366 - 11
Seed (parachute)		kg	(16.20)'		AT 308 - 05
LABOUR					LD 371 - 04
Hired		md	5	2,950	Other - 16
Family		md	11		
Total		md	16		
FERTILIZER	% Reporting				
Basal					
TSP	25	kg	16	free	
TSP	34	kg	19	243	
Top Dressing					
Urea	97	kg	40	189	
MOP	91	kg	34	221	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		1,410		3,484	
Price of produce (Rs/kg)		98			
Gross income (Rs)		138,180		341,443	
Profit incl. imputed cost (Rs)		15,076		37,253	
Profit excl. imputed cost (Rs)		50,197		124,037	
Unit cost (incl.imputed cost) (Rs/kg)		87.31			
Unit cost (excl. imputed cost) (Rs/kg)		62.40			

Table 1.15 : Cost of cultivation per acre of Paddy (rain-fed)- Kalutara

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
(All nursery preparation)	(20)	(7,650)		(481)	
General land preparation	93	6,603			6,603
1 st & 2 nd plough with 4wt	47	1,750	22,283		24,033
(do with 2wt)	(44)	.(2,700)	(20,805)		
(do manually)	(3)	.(37,500)			
(1 st 2 nd & 3 rd plough with 2wt)	(3)	.(2,700)			
(do with 4wt)	(3)	.(7,500)			
Plastering bunds	100	15,270			15,270
Levelling & broadcasting	80	16,204		7,910	24,114
(Parachute)	(10)	.(27,312)			
(Transplanting with trasplanter)	(7)	.(8,550)	(7,333)		
(Dapog)	(3)	.(28,800)			
Fertilizer application	100	2,300		16,949	19,249
Weed control with weedcides	90	1,467		4,451	5,918
Harvesting with combine harvester	87	2,104	21,922		24,026
(do manually)	(13)	.(16,830)			
(Threshing & winnowing by EPPT)	(13)	.(3,680)	(10,200)		
Additional drying	100	10,950			10,950
Transport produce to store	50	840	1,091		1,931
Total including imputed cost		57,488	45,296	29,310	132,094
Total excluding imputed cost		21,182	45,296	29,244	95,722

RELATED INFORMATION

Quantity and Price of Inputs					
Input	% Reporting	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					Ld 368 - 38
Seed (broadcasting)	80	kg	35.00	226.00	Bw 372 - 17
Seed (parachute)	(10)	kg	(12.00)	"(275.00)	Bw 367 - 14
Seed (transplanting)	(7)	kg	(21.00)	"(240.00)	Bg 359 - 08
Seed (dapog)	(3)	kg	(27.00)	"(240.00)	Bw 272/6B - 07
LABOUR					S 24 - 07
Hired		md	7	3,026	Other - 09
Family		md	12		
Total		md	19		
FERTILIZER					
Basal					
TSP	83	kg	19	230	
Top Dressing					
Urea	97	kg	33	183	
MOP	97	kg	30	218	

YIELD AND RETURNS	Per ac	Per ha
Average yield (kg)	1,304	3,222
Price of produce (Rs/kg)	120	
Gross income (Rs)	156,480	386,662
Profit incl. imputed cost (Rs)	24,386	60,258
Profit excl. imputed cost (Rs)	60,758	150,133
Unit cost (incl.imputed cost) (Rs/kg)	101.30	
Unit cost (excl. imputed cost) (Rs/kg)	73.41	

Table 1.16 : Cost of cultivation per acre of Paddy (rain-fed)- Kandy

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
Nursery preparation	83	4,758		1,437	6,195
General land preparation	90	5,969			5,969
1 st & 2 nd plough with 2wt	60	4,781	17,307		22,088
(1 st , 2 nd & 3 rd plough with 2wt)	(23)	(10,294)	(20,000)		
do manually)	(10)	(32,340)			
(do with buff lows)	(7)	(16,170)	(15,000)		
Plastering bunds	100	20,168			20,168
Transplanting	83	16,296		6,624	22,920
Levelling & broadcasting	(17)	(8,761)			
Fertilizer application	97	1,938		15,432	17,370
Weed control with weedicides	47	1,977		3,214	5,191
Pest control with pesticide	70	1,473		3,556	5,029
Harvesting & drawing manually	100	21,791			21,791
Threshing & winnowing with paddy thresher	83	5,721	8,876		14,597
(do with 4w thresher)	(10)	(3,243)	(16,875)		
(do with buffaloes)	(7)	(8,303)	(8,000)		
Additional drying	93	6,250			6,250
Transport produce to store	100	1,448	2,437		3,885
Total including imputed cost		92,570	28,620	30,263	151,453
Total excluding imputed cost		35028	23,709	27,986	86,723

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Bg 374- 18
Seed	kg	32.00	207.00	Bg 403 - 16
LABOUR				Bg 359- 14
Hired	md	14	2,502	Bg 360 - 10
Family	md	23		Bw 367 - 08
Total	md	37		other - 34
FERTILIZER	% Reporting			
Basal				
TSP	70	kg	12	235
Top Dressing				
Urea	97	kg	34	215
MOP	90	kg	22	241
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	1,127		2,785	
Price of produce (Rs/kg)	95			
Gross income (Rs)	107,065		264,558	
Profit incl. imputed cost (Rs)	-44,388		-109,683	
Profit excl. imputed cost (Rs)	20,342		50,265	
Unit cost (incl.imputed cost) (Rs/kg)	134.39			
Unit cost (excl. imputed cost) (Rs/kg)	76.95			

Table 1.17 : Cost of cultivation per acre of Paddy (rain-fed)- Kurunegala

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
All nursery preparation	(3)	(3,500)			
General land preparation	93	1,064			1,064
1 st 2 nd & 3 rd plough with 2wt (do with 4wt)	60 (40)	2,403 (760)	17,655 (20,875)		20,058
Plastering bunds	100	16,066			16,066
Levelling & broadcasting (Parachute)	97 (3)	9,344 (14,196)		7,000 (4,002)	16,344
Fertilizer application	100	4,672		9,655	14,327
Weed control with weedicides	93	998		4,905	5,903
Pest control with pesticide	60	833		4,147	4,980
Harvesting with combine harvester (Manual harvesting and threshing with tsunami)	83 (17)	2,440 (1,280)	19,570 (5,733)		22,010
Additional drying	93	5,920			5,920
Transport produce to store	97	619	1,107		1,726
Total including imputed cost		44,359	38,332	25,707	108,398
Total excluding imputed cost		12,320	25,483	25,687	63,490

RELATED INFORMATION

Quantity and Price of Inputs					
Input		Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					Bg 360 - 34
Broadcasting	97	kg	35.00	200.00	Bw 367 - 15
(Parachute)	(3)	kg	(20.00)		Bg 310 - 12
LABOUR					Bg 352 - 08
Hired		md	5	2,464	Bg 300 - 08
Family		md	13		Bg 409 - 08
Total		md	18		others - 15
FERTILIZER	% Reporting				
Basal					
TSP	63	kg	16	Free	
Top Dressing					
Urea (free)	53	kg	48	Free	
Urea (Purchased)	43	kg	35	185	
MOP (free)	50	kg	12	Free	
MOP (Purchased)	40	kg	15	212	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		1,170		2,890	
Price of produce (Rs/kg)		111			
Gross income (Rs)		129,870		320,909	
Profit incl. imputed cost (Rs)		21,472		53,057	
Profit excl. imputed cost (Rs)		66,380		164,025	
Unit cost (incl.imputed cost) (Rs/kg)		92.65			
Unit cost (excl. imputed cost) (Rs/kg)		54.26			

Table 1.18: Cost of cultivation per acre of Paddy (irrigated)- Whole island

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General land preparation	77	2,416			2,416
1 st 2 nd & 3 rd plough with 4wt	67	1,372	21,116		22,488
(do with 2wt)	.(18)	.(2,267)	.(19,296)		
(1 st & 2 nd plough with 4wt)	.(15)	.(1,939)	.(18,378)		
Plastering bunds	100	11,471			11,471
Levelling & broadcasting	100	6,221		9,350	15,571
Fertilizer application	100	2,234		22,851	25,085
Weed control with weedicides	100	1,222		7,388	8,610
Pest control with pesticide	70	3,259		9,757	13,016
Water management	100	9,009			9,009
Harvesting with combine harvester	98	2,679	20,001		22,680
.(Do manually)	.(2)	.(15,000)			
Threshing and winnowing with 4w thresher	.(2)	.(3375)	.(8,545)		
Additional drying	60	4929			4929
Transport produce to store	82	416	2,226		2642
Total including imputed cost		45228	43,343	49,346	137,917
Total excluding imputed cost		22616	40,477	49,346	112,439
RELATED INFORMATION					
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)		Varieties (Ext %)
SEED					At 362 - 30
Seed	kg	55.00	170.00		Bg 360 - 18
LABOUR					Bg 352 - 07
Hired	md	8	2,827		Bg 366 - 06
Family	md	8			Bg 94/1 - 03
Total	md	16			Other - 36
%					
FERTILIZER	Reporting				
Basal					
TSP	74	kg	27	224	
Top Dressing					
Urea	100	kg	74	177	
MOP	100	kg	15	247	
YIELD AND RETURNS	Per ac		Per ha		
Average yield (kg)	1,850	*	4,571		
Price of produce (Rs/kg)	109				
Gross income (Rs)	201,650		498,277		
Profit incl. imputed cost (Rs)	63,733		157,484		
Profit excl. imputed cost (Rs)	89,211		220,440		
Unit cost (incl.imputed cost) (Rs/kg)	74.55				
Unit cost (excl. imputed cost) (Rs/kg)	60.78				

* Low yield due to rain

Table 1.19: Cost of cultivation per acre of Paddy (rain- fed)- Whole island

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
All nursery preparation	(6)	(5,250)			
General land preparation	63	3,435			3,435
1 st , 2 nd & 3 rd plough with 4wt	56	1,093	19,563		20,656
(do with 2wt)	`(23)	`(4,400)	`(18,545)		
(1 st & 2 nd plough with 2wt)	`(11)	`(2,880)	`(21,005)		
(do with 4wt)	`(10)	`(1,947)	`(20,500)		
Plastering bunds	100	7,816			7,816
Levelling & broadcasting	94	5,051		7,722	12,773
(Transplanting)	(6)	(37,132)			
Fertilizer application	100	2,210	451	16,733	19,394
Weed control with weedicide	94	1,182		7,197	8,379
Pest control with pesticide	51	1,408		4,147	5,555
Harvesting processing with combine harvester	87	2,922	17,349		20,271
(do manually)	`(13)	`(27,398)			
Threshing & winnowing with 4w thresher	`(13)	`(3,930)	`(10,074)		
Additional drying	66	8,807			8,807
Transport produce to stores	80	175	2,490		2,665
Total including imputed cost		34,099	39,853	35,799	109,751
Total excluding imputed cost		15,500	39,228	35,519	90,247

RELATED INFORMATION

Quantity and Price of Inputs					
Input		Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					Bg 366 - 21
Seed - (broadcasting)	94	kg	54.00	143.00	Bg 360 - 15
Seed - (transplanting)	(6)	kg	(38)		At 362 - 12
LABOUR					Bg 374 - 09
Hired		md	5	3,100	Bw 367 - 07
Family		md	6		Bg 375 - 04
Total		md	11		Bg 308 - 32
% Reporting					
FERTILIZER					
Top dressing					
Urea	83	kg	69	180	
Urea- free	14	kg	53	free	
MOP	50	kg	19	227	
MOP-free	17	kg	14	free	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		1,407		3,477	
Price of produce (Rs/kg)		79			
Gross income (Rs)		111,153		274,659	
Profit incl. imputed cost (Rs)		1,402		3,464	
Profit excl. imputed cost (Rs)		20,906		51,659	
Unit cost (incl.imputed cost) (Rs/kg)		78.00			
Unit cost (excl. imputed cost) (Rs/kg)		64.14			

2. Other Field Crops & vegetables

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Table 2.1 : Cost of cultivation per acre of Kurakkan (irrigated)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	47	8,225			8,225
1 st plough with 4wt	57	1,154	16,698		17,852
(do with 2wt)	(3)	(2,508)	(5,000)		
(do manually)	(14)	(13,422)			
(1 st & 2 nd plough with 4wt)	(26)	(853)	(22,000)		
Broadcasting	100	5,798		3,464	9,262
Fertilizer application	73	856		4,664	5,520
Weed control with weedicide	47	714		2,757	3,471
(Weeding manually)	(30)	(13,589)			
Harvesting & drawing	100	21,934			21,934
Processing with 4w thresher	47	375	2,486		2,861
(do manually)	(40)	(6,722)			
(do tractor)	(13)	(624)	(2,667)		
Additional drying	57	7,554			7,554
Transport produce to stores	70	312	1,255		1,567
Total including imputed cost		46,922	20,439	10,885	78,246
Total excluding imputed cost		11,170	19,843	10,885	41,898

RELATED INFORMATION

Quantity and Price of inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Oshada - 70
Seed	kg	6.70	517.00	Kirikurahan 30
LABOUR				
Hired	md	5	2,234	
Family	md	16		
Total	md	21		
FERTILIZER	Percent Reported			
Urea	80	kg	22	212
YIELD AND RETURNS	Per ac			Per ha
Average yield (kg)	276	*		682
Price of produce (Rs/kg)	302			
Gross income (Rs)	83,352			205,963
Profit incl. imputed cost (Rs)	5,106			12,618
Profit excl. imputed cost (Rs)	41,454			102,433
Unit cost (incl. imputed cost) (Rs/kg)	283.50			
Unit cost (excl. imputed cost) (Rs/kg)	151.80			

* Low yield due to heavy rain

Table 2.2 : Cost of cultivation per acre of Maize (rain-fed)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	50	5,553			5,553
1 st plough with 4wt	53	900	13,683		14,583
(1 st & 2 nd plough with 4wt)	(47)	(1,300)	(21,957)		
Digging holes & seeding	87	13,032		21,558	34,590
(by seeder)	(13)	(1,002)	(5,090)		
Fertilizer application	100	4,699		39,517	44,216
Weed control with weedicide	90	1,170		7,103	8,273
Pest & disease control	57	1,418		4,222	5,640
Harvesting & drawing	100	13,199			13,199
Threshing & Processing with 4w thresher	84	736	4,050		4,786
(do manually)	(13)	(2,268)			
Additional drying	46	5,225			5,225
Transport produce to stores	80	250	1,518		1,768
Total including imputed cost		46,181	19,251	72,400	137,832
Total excluding imputed cost		12,830	16,111	72,400	101,341

RELATED INFORMATION

Quantity and Price of inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Jet -60
Seed	kg	6.00	3593.00	Pacific -33
LABOUR				Other -07
Hired	md	5	2,566	
Family	md	13		
Total	md	18		
FERTILIZER	Percent Reported			
Urea	97	kg	134	202
TSP	63	kg	26	249
MOP	60	kg	25	239
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	1,532	*	3,786	
Price of produce (Rs/kg)	121			
Gross income (Rs)	185,372		458,054	
Profit incl. imputed cost (Rs)	47,540		117,471	
Profit excl. imputed cost (Rs)	84,031		207,641	
Unit cost (incl.imputed cost) (Rs/kg)	89.97			
Unit cost (excl. imputed cost) (Rs/kg)	66.15			

*low yield due to heavy rain

Table 2.3 : Cost of cultivation per acre of Maize (rain-fed)- Ampara

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
1 st & 2 nd Plough with 4wt	58	1,848	18,955		20,803
1 Plough with 4wt	.(33)	(616)	'(5,383)		
1 st & 2 nd & 3 rd Plough with 4wt	.(9)	(2,750)	.(23,000)		
Digging holes & seeding manually (do with 4wt)	70 (30)	10,397 (9,052)		15,000 (3,379)	25,397
Fertilizer application	100	8,570		29,674	38,244
Weeding & earthing up	61	9,597			9,597
Weed control with weedicide	70	1,197		6,991	8,188
Pest & disease control	42	1,340		2,367	3,707
Harvesting & drawing	100	12,632			12,632
Threshing & processing with 4w thresher	100	2,633	3,790		6,423
Additional drying	76	4,720			4,720
Transport Produce to stores	88	560	1,607		2,167
Total including imputed cost		53,494	24,352	54,032	131,878
Total excluding imputed cost		15,603	24,352	52,540	92,495

RELATED INFORMATION

Quantity and price of inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Jet - 92
Seed	kg	5.00	3000.00	808 - 06
LABOUR				Local - 02
Hired	md	7	2,229	
Family	md	17		
Total	md	24		
FERTILIZER	Percent Reported			
Urea	100	kg	108	166
TSP	55	kg	27	217
MOP	79	kg	29	203
YIELD AND RETURNS	per ac		per ha	
Average yield (kg)	1181	*	2918	
Price of produce (Rs/kg)	127			
Gross income (Rs)	149987		370618	
Profit incl. imputed cost (Rs)	18109		44747	
Profit excl. imputed cost (Rs)	57492		142063	
Unit cost (incl.imputed cost) (Rs/kg)	111.67			
Unit cost (excl. imputed cost) (Rs/kg)	78.32			

* Low yield due to heavy rain

Table 2.4 : Cost of cultivation per acre of Maize (rain-fed)- Monaragala

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
1 st Plough with 4wt	100	2,100	22,941		25,041
Preparation beds & ridges with 4wt	100	1,050	6,243		7,293
Seeding	100	6,262		18,417	24,679
Fertilizer application	100	4,456		24,486	28,942
Weed control with weedicides	83	848		5,746	6,594
Harvesting & drawing	100	10,848			10,848
Threshing and processing with 4w thresher	100	2,764	2,132		4,896
Transport produce to stores	83	600	2,087		2,687
Total including imputed cost		28,928	33,403	48,649	110,980
Total excluding imputed cost		18,594	33,403	48,649	100,646
RELATED INFORMATION					
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)	
SEED				Jet - 63	
Seed	kg	5.70	3231.00	Pasific - 37	
LABOUR					
Hired	md	9	2,066		
Family	md	5			
Total	md	14			
FERTILIZER	Percent Reported				
Urea	100	kg	96	176	
MOP	70	kg	33	230	
YIELD AND RETURNS	per ac			per ha	
Average yield (kg)	1,193	*		2,948	
Price of produce (Rs/kg)	132				
Gross income (Rs)	157,476			389,123	
Profit incl. imputed cost (Rs)	46,496			114,892	
Profit excl. imputed cost (Rs)	56,830			140,427	
Unit cost (incl.imputed cost) (Rs/kg)	93.03				
Unit cost (excl. imputed cost) (Rs/kg)	84.36				

*Low yield due to rain

Table 2.5 : Cost of cultivation per acre of Black gram (rain-fed)- Vavuniya

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	40	6,042			6,042
1 st 2 nd & 3 rd plough with 4wt	100	3,171	14,333		17,504
Broadcasting	100	1,581		16,094	17,675
Weeding manually	70	12,605			12,605
Pest & disease control	100	1,619		4,000	5,619
Harvesting & drawing manually	63	20,026			20,026
(do by contract)	(30)	(13624)			
(do by combine harvester)	(07)		(27,000)		
Threshing & processing with 4w thresher	93	3,590	5,427		9,017
Additional drying	56	1,143			1,143
Transport produce to stores	57	900	727		1,627
Total including imputed cost		50,678	20,487	20,094	91,259
Total excluding imputed cost		36,595	20,487	20,094	77,176

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit price (Rs)	Varieties (Ext %)
SEED				
Seed	kg	13.00	1238.00	MI 1 - 100
LABOUR				
Hired	md	13	2815	
Family	md	5		
Total	md	18		
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	241	*	596	
Price of produce (Rs/kg)	544			
Gross income (Rs)	131104		323958	
Profit incl. imputed cost (Rs)	39845		98456	
Profit excl. imputed cost (Rs)	53928		133256	
Unit cost (incl.imputed cost) (Rs/kg)	378.67			
Unit cost (excl. imputed cost) (Rs/kg)	320.23			

*Low yield due to rain

Table 2.6 : Cost of cultivation per acre of Black gram (rain-fed)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	66	6,931			6,931
1 st plough with 4wt	40	1,605	15518		17,123
(do with 2wt)	(10)	.(2116)	.(15000)		
1 st & 2 nd plough with 4wt	(37)	.(1508)	.(21795)		
Broadcasting	100	4,574		13,296	17,870
Pest & disease control	90	1,019		4,221	5,240
Harvesting & drawing	100	22,413			22,413
Processing with 4w thresher	100	660	8,262		8,922
Transport produce to stores	77	220	552		772
Total including imputed cost		37,422	24,332	17,517	79,271
Total excluding imputed cost		24,057	23,078	15,353	62,488

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				MI 1 - 76
Seed	kg	12.00	1108.00	Other - 24
LABOUR				
Hired	md	9	2673	
Family	md	5		
Total	md	14		
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	334		825	
Price of produce (Rs/kg)	454			
Gross income (Rs)	151,636		374,693	
Profit incl. imputed cost (Rs)	72,365		178,814	
Profit excl. imputed cost (Rs)	89,148		220,285	
Unit cost (incl.imputed cost) (Rs/kg)	237.34			
Unit cost (excl. imputed cost) (Rs/kg)	187.09			

Table 2.7 : Cost of cultivation per acre of Cowpea (rain-fed)- Ampara

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	(19)	(4,925)			
1 st & 2 nd plough with 4wt	88*	1,400	11,846		13,246
Digging holes & transplanting	63	7,721		10,575	18,296
(do with 4wt)	(28)	(4,118)	(5,130)		
(do with buffaloes)	(9)	(5,951)	(3,333)		
Fertilizer application	88	1,120		1,868	2,988
Weeding & earthing up	84	14,202			14,202
Pest & disease control	100	1,196		3,718	4,914
Harvesting and drawing	100	13,820			13,820
Threshing and processing manually	81	4,596			4,596
(do with 4w thresher)	(19)	(2,152)	(3,000)		
Additional drying	66	3,192			3,192
Transport produce to stores	63	474	950		474
Total including imputed cost		477,21	12,796	16,161	76,678
Total excluding imputed cost		5,024	10,399	13,321	28,744

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Local red - 100
seed	kg	9.00	1,175.00	
LABOUR				
Hired	md	2	2,512	
Family	md	17		
Total	md	19		
FERTILIZER	Percent Reported			
Liquid fertilizer	84	Cost	1868	
YIELD AND RETURNS		per ac		per ha
Average yield (kg)		173	**	427
Price of produce (Rs/kg)		561		
Gross income (Rs)		97,053		239,818
Profit incl. imputed cost (Rs)		20,375		50,347
Profit excl. imputed cost (Rs)		68,309		168,792
Unit cost (incl.imputed cost) (Rs/kg)		443.23		
Unit cost (excl. imputed cost) (Rs/kg)		166.15		

* 12% farmers not plough their field

** Low yield due to drought

Table 2.8 : Cost of cultivation per acre of Green gram (rain-fed)- Hambantota

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	100	12,667			12,667
1 st & 2 nd plough with 4wt	100	926	11,812		12,738
Broadcasting	100	1,020		19,992	21,012
Fertilizer application	47	900		5,061	5,961
Pest & disease control	100	2,451		18,920	21,371
Harvesting & drawing	100	18,258			18,258
Threshing & processing with 2w thresher	100	2,829	3,119		5,948
Total including imputed cost		39,051	14,931	43,973	97,955
Total excluding imputed cost		31,733	14,931	43,973	90,637

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				MI6 -77
Seed	kg	17.00	1,176.00	Imported - 23
LABOUR				
Hired	md	13	2,441	
Family	md	3		
Total	md	16		
FERTILIZER	% Reporting			
TSP	47	Kg	21	241
YIELD AND RETURNS		per ac		per ha
Average yield (kg)		325	*	803
Price of produce (Rs/kg)		812		
Gross income (Rs)		263,900		652,097
Profit incl. imputed cost (Rs)		165,945		410,050
Profit excl. imputed cost (Rs)		173,263		428,133
Unit cost (incl.imputed cost) (Rs/kg)		301.40		
Unit cost (excl. imputed cost) (Rs/kg)		278.88		

*Low yield due to rain

Table 2.9 : Cost of cultivation per acre of Green chilli (rain-fed)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
All nursery preparation	100	11,250		4,773	16,023
General land preparation	60	11,075			11,075
1 st & 2 nd Plough with 4wt	50	2,875	30,800		33,675
(1 st Plough with 4wt)	.(50)	.(2,525)	.(18,465)		
Digging holes & transplanting	100	16,093		34,750	50,843
Fertilizer application	100	11,021		35,414	46,435
Weeding & earthing up	63	23,857			23,857
Pest & disease control	100	20,150		56,011	76,161
Harvesting & drawing	100	67,851			67,851
Total including imputed cost		164,172	30,800	130,948	325,920
Total excluding imputed cost		61,318	16,427	130,948	208,693

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				MICH - 53
Seed	kg	0.125	278,000.00	Raja -47
LABOUR				
Hired	md	31	1,978	
Family	md	52		
Total	md	83		
FERTILIZER	% Reporting			
Urea	63	kg	47	194
Chilli mixture	73	kg	152	173
YIELD AND RETURNS		per ac		per ha
Average yield (kg)		2,192	*	5,416
Price of produce (Rs/kg)		700		
Gross income (Rs)		1,534,400		3,791,502
Profit incl. imputed cost (Rs)		1,208,480		2,986,154
Profit excl. imputed cost (Rs)		1,325,707		3,275,822
Unit cost (incl.imputed cost) (Rs/kg)		148.69		
Unit cost (excl. imputed cost) (Rs/kg)		95.21		

*Low yield due to heavy rain

Table 2.10 : Cost of cultivation per acre of Red onion (irrigated)- Puttalam

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	48	4,680			4,680
1 st , 2 nd , & 3 rd plough with 4wt	100	340	7,201		7,541
Seed processing	100	8,000			8,000
Seeding	100	18,079		403,200	421,279
Fertilizer application	100	6,522		136,004	142,526
Weed control with weedicides	100	1,085		6,884	7,969
Weeding & loosing soil (manual)	67	11,413			11,413
Pest & disease control	90	1,912		10,516	12,428
Water management (electricity)	100	39,632	24,517		64,149
New technology used (sprinkles)	87	2,631	3,128		5,759
Harvesting & drawing manual	100	19,347		3,772 *	23,119
Processing manually	100	27,320			27,320
Transport produce to stores	100	1,425	8,910		10,335
Total including imputed cost		142,386	43,756	560,376	746,518
Total excluding imputed cost		110,550	42,214	560,376	713,140

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Vedalan - 94
Seed	kg	630.00	640.00	Thambasetti - 06
LABOUR				
Hired	md	66	1,675	
Family	md	19		
Total	md	85		
FIELD FERTILIZER	% Reporting			
Cowdung	77	kg	3544	13
vege.Mix	74	kg	104	226
Urea	65	kg	19	218
Keta Pohora	52	kg	64	459
Amonia	45	kg	67	156
TSP	42	kg	66	250
Liquid	48	Cost		5,958
YIELD AND RETURNS		per ac		Per ha
Average yield (kg)		4,524		11,179
Price of produce (Rs/kg)		248		
Gross income (Rs)		1,121,952		2,772,343
Profit incl. imputed cost (Rs)		375,434		927,697
Profit excl. imputed cost (Rs)		408,812		1,010,174
Unit cost (incl.imputed cost) (Rs/kg)		165.01		
Unit cost (excl. imputed cost) (Rs/kg)		157.63		

* Cajon cost

Table 2.11 : Cost of cultivation per acre of Red onion (irrigated)- Jaffna

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
Pre weedicide application	45	2,521		8,133	10,654
1st 2nd & 3rd plough with 4wt (do with 2wt)	67 (33)	3,718 (2,684)	31,331 (28,044)		35,049
Preparation beds & ridges	100	34,433			34,433
Seed processing	100	21,338			21,338
Digging holes & seeding	100	31,062		246,642	277,704
Fertilizer application	100	20,965		166,388	187,353
Weeding & earthing up	90	28,608			28,608
Weed control with weedicide	97	2,426		7,836	10,262
Pest & disease control	100	18,330		36,881	55,211
Water management	100	40,305	19,665		59,970
Harvesting & drawing	100	30,152			30,152
Processing manually	100	44,003			44,003
Transport Produce to Stores	73	2,100	12,682		14,782
Total including imputed cost		279,961	63,678	465,880	809,519
Total excluding imputed cost		218,829	63,678	465,880	748,387

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Vethalam -65
Seed	kg	814.00	303.00	Co-N5 - 14
LABOUR				Jaffna local - 11
Hired	md	93	2,353	Muriyan -07
Family	md	26		Pachaimuriyan - 03
Total	md	119		
FERTILIZER	% Reporting			
Cow dung	97	LL	1.5	87,881
Urea	83	kg	51	204
TSP	67	kg	68	214
Other	40	kg	62	155
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	4,976		12,296	
Price of produce (Rs/kg)	185			
Gross income (Rs)	920,560		2,274,704	
Profit incl. imputed cost (Rs)	111041		274,382	
Profit excl. imputed cost (Rs)	172,173		425,439	
Unit cost (incl.imputed cost) (Rs/kg)	162.68			
Unit cost (excl. imputed cost) (Rs/kg)	150.40			

Table 2.12 : Cost of cultivation per acre of Gingerly (rain- fed)- Hambantota

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	100	18,425			18,425
1 st Plough with 4wt	83	2,099	12,158		14,257
1 st Plough with manually	(17)	(13,237)			
Broadcasting	100	1,250		4,204	5,454
Harvesting & drawing	100	12,976			12,976
Processing & purifying with manually	77	11,250			11,250
(do with 2w thresher)	(23)	(8,200)	(1,442)		
Total including imputed cost		46,000	12,158	4,204	62,362
Total excluding imputed cost		25,560	12,158	4,204	41,922

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				White -100
Seed	kg	4.00	1,051.00	
LABOUR				
Hired	md	10	2,556	
Family	md	8		
Total		18		
YIELD AND RETURNS	per ac		per ha	
Average yield (kg)	259	*	640	
Price of produce (Rs/kg)	834			
Gross income (Rs)	216,006		533,751	
Profit incl. imputed cost (Rs)	153,644		379,654	
Profit excl. imputed cost (Rs)	174,084		430,162	
Unit cost (incl.imputed cost) (Rs/kg)	240.78			
Unit cost (excl. imputed cost) (Rs/kg)	161.86			

* Low yield due to rain

Table 2.13 : Cost of cultivation per acre of Ground nut (rain- fed)- Monaragala

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
1 st & 2 nd plough with 4wt	100	1,007	15,183		16,190
Digging holes & seeding	100	12,421		25,596	38,017
Weeding & earthing up	100	14,558			14,558
Pest & disease control	53	1,175		5,643	6,818
Harvesting & drawing	100	14,568			14,568
Processing manually	100	11,063			11,063
Additional drying	63	4,467			4,467
Total including imputed cost		59,259	15,183	31,239	105,681
Total excluding imputed cost		37,040	15,183	16,237	68,460

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Tissa - 76
Seed	kg	54.00	474.00	Jambo peanut - 17
LABOUR				Red - 07
Hired	md	20	1,852	
Family	md	12		
Total	md	32		
YIELD AND RETURNS	per ac		per ha	
Average yield (kg)	550		1,359	
Price of produce (Rs/kg)	425			
Gross income (Rs)	233,750		577,596	
Profit incl. imputed cost (Rs)	128,069		316,458	
Profit excl. imputed cost (Rs)	165,290		408,432	
Unit cost (incl.imputed cost) (Rs/kg)	192.15			
Unit cost (excl. imputed cost) (Rs/kg)	124.47			

Table 2.14 : Cost of cultivation per acre of Potato (irrigated)- Badulla

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	63	39,308			39,308
1 st Plough with 2wt	78	3,890	25,195		29,085
(do with 4wt)	(6)	.(1,768)			
(do manually)	(16)	.(17,414)			
Preparation beds & ridges	100	25,014		6,131*	31,145
Digging holes & seeding	100	36,174		285,606	321,780
Fertilizer application	100	15,146		98,495	113,641
Weeding & earthing up	100	26,804			26,804
Pest & disease control	100	27,679		53,518	81,197
Water management	65 ***	24,849			24,849
Harvesting & drawing	100	39,983			39,983
Total including imputed cost		238,847	25,195	443,750	707,792
Total excluding imputed cost		121,576	13,507	439,132	574,215

* lime

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Granola - 98
Seed	kg	738.00	387.00	Lapala - 2
LABOUR				
Hired	md	56	2,171	
Family	md	54		
Total	md	110		
	%			
FERTILIZER	Reporting			
Potato mixture	100	kg	469	185
Poultry	56	kg	782	15
YIELD AND RETURNS	per ac		per ha	
Average yield (kg)	3,346	**	8,268	
Price of produce (Rs/kg)	241			
Gross income (Rs)	806,386		1,992,580	
Profit incl. imputed cost (Rs)	98,594		243,626	
Profit excl. imputed cost (Rs)	232,171		573,695	
Unit cost (incl.imputed cost) (Rs/kg)	211.53			
Unit cost (excl. imputed cost) (Rs/kg)	171.61			

** low yeild due to high rainfall.

***Water management done only 65% farmers

Table 2.15 : Cost of cultivation per acre of Potato (irrigated)- Nuwara Eliya

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	97	39,046			39,046
1 st Plough with 2wt (do manually)	94 (6)	5,041 (28,637)	20,000		25,041
Preparation beds & ridges	100	26,181		7,556*	33,737
Digging holes & seeding	100	29,650		363,384	393,034
Fertilizer application	100	11,767		141,281	153,048
Weeding & earthing up	94	28,167			28,167
Pest & disease control	100	31,907		56,321	88,228
Water management	100	41,395	16,085		57,480
Harvesting & drawing	100	42,835			42,835
Total including imputed cost		255,989	36,085	568,542	860,616
Total excluding imputed cost		150,254	30,421	431,360	612,035

Lime*

RELATED INFORMATION

Quantity and Price of Inputs

Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Granola - 83
Seed	kg	721.00	504.00	Other - 17
LABOUR				
Hired	md	54	2,782	
Family	md	38		
Total	md	92		
	%			
FERTILIZER	Reporting			
Potato mixture	94	kg	408	193
Poultry manure	56	Kg	1805	24
Other	66	Kg	89	216
YIELD AND RETURNS	per ac			per ha
Average yield (kg)	5,227			12,916
Price of produce (Rs/kg)	227			
Gross income (Rs)	1,186,529			2,931,913
Profit incl. imputed cost (Rs)	325,913			805,331
Profit excl. imputed cost (Rs)	574,494			1,419,574
Unit cost (incl.imputed cost) (Rs/kg)	164.65			
Unit cost (excl. imputed cost) (Rs/kg)	117.09			

Table 2.16 : Cost of cultivation per acre of Brinjal (irrigated)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	60	11,346			11,346
All nursery preparation	100	9,257		1,600	10,857
1 st & 2 nd plough with 4wt	40	1,436	28,172		29,608
(1 st plough with 4wt)	(27)	(1,327)	(20,500)		
(do with 2wt)	(13)	(1,454)	(15,500)		
(do manually)	(7)	(21,634)			
Preparation beds & ridges	43	23,825			23,825
Digging holes & transplanting	100	27,312		18,463	45,775
Fertilizer application	100	11,833		62,032	73,865
Weeding & earthing up	93	37,794			37,794
Pest & disease control	100	18,837		47,007	65,844
Water management	100	31,643			31,643
Harvesting & drawing	100	60,062			60,062
Total including imputed cost		233,345	28,172	129,102	390,619
Total excluding imputed cost		74,834	26,354	128,569	229,757
RELATED INFORMATION					
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)		Varieties (Ext %)
SEED					Lenairri - 36
Seed	kg	0.105	17,5842.00		Josapina - 35
LABOUR					Raveena - 26
Hired	md	34	2,201		other - 3
Family	md	72			
Total	md	106			
<hr/>					
FERTILIZER	% Reporting				
Urea	87	kg	95	179	
TSP	50	kg	129	213	
MOP	40	kg	75	234	
<hr/>					
YIELD AND RETURNS		Per ac	Per ha		
Average yield (kg)		5,976	14,767		
Price of produce (Rs/kg)		284			
Gross income (Rs)		1,697,184	4,193,742		
Profit incl. imputed cost (Rs)		1,306,565	3,228,521		
Profit excl. imputed cost (Rs)		1,467,427	3,626,011		
Unit cost (incl.imputed cost) (Rs/kg)		65.36			
Unit cost (excl. imputed cost) (Rs/kg)		38.45			

Table 2.17 : Cost of cultivation per acre of Pumpkin (irrigated)- Anuradhapura

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General land preparation	40	2,900			2,900
1 st plough with 4wt	84	750	15,380		16,130
(do with 2wt)	(13)	(850)	(14,842)		
(do manually)	(3)	(3,750)			
Digging holes & seeding	100	4,487		49,547	54,033
Fertilizer application	100	4,160		36,211	40,371
Loosing soil & earthing up	73	4,941			4,941
Weed control with weedicide	90	4,985		6,484	11,469
Pest & disease control	57	1,350		2,905	4,255
Harvesting & drawing	93*	12,152			12,152
Transport Produce to stores	60	925			925
Total including imputed cost		36,650	15,380	95,147	147,177
Total excluding imputed cost		14,658	6,772	95,147	116,577
RELATED INFORMATION					
Quantity and Price of Inputs					
Input	Unit	Quantity	Unit Price (Rs)		Varieties (Ext %)
SEED					Raja - 93
Seed	kg	0.47	105,419.00		Other -7
LABOUR					
Hired	md	6	2,443		
Family	md	9			
Total	md	15			
FERTILIZER	% Reporting				
TSP	60	kg	34	245	
Urea	93	kg	106	181	
Vegetable mixture	50	kg	47	185	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		3,210	*	7,932	
Price of produce (Rs/kg)		90			
Gross income (Rs)		288,900		713,872	
Profit incl. imputed cost (Rs)		141,723		350,199	
Profit excl. imputed cost (Rs)		172,323		425,810	
Unit cost (incl.imputed cost) (Rs/kg)		45.85			
Unit cost (excl. imputed cost) (Rs/kg)		36.32			

*low yield due to yellowing disease & heavy rain

Table 2.18 : Cost of cultivation per acre of Capsicum (irrigated)- Badulla

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
All nursery preparation	93	12,540		5,291	17,831
General land preparation	64	15,060			15,060
1 st Plough with 2wt (do manually)	63 (37)	2,700 , (10,260)	18,462		21,162
Preparation beds & ridges	100	25,866		7,518	33,384
Digging holes & transplanting	100	35,513		38,967	74,480
Fertilizer application	100	14,895		103,641	118,536
Weeding & earthing up	100	34,880			34,880
Pest & disease control	100	24,900		80,016	104,916
Water management	100	14,820	34,317		49,137
Harvesting & drawing	100	44,217			44,217
Total including imputed cost		225,391	52,779	235,433	513,603
Total excluding imputed cost		87,108	48,637	235,433	371,178

**RELATED
INFORMATION**

Quantity and Price of Inputs					
Input	% Reporting	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					Muriya - 47
Seed	93	kg	0.419	93,000	Ps - 23
Plants	(7%)	plants	, (5,600)	, (18.00)	Shivani - 20
LABOUR					Other - 10
Hired		md	51	1,708	
Family		md	81		
Total		md	132		
FERTILIZER					
Poultry	93	kg	917	24	
Nilkata	43	kg	25	349	
Vegetable mixture	77	kg	316	198	
Urea	40	kg	47	220	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		4,859		12,007	
Price of produce (Rs/kg)		477			
Gross income (Rs)		2,317,743		5,727,143	
Profit incl. imputed cost (Rs)		1,804,140		4,458,030	
Profit excl. imputed cost (Rs)		1,946,565		4,809,962	
Unit cost (incl. imputed cost) (Rs/kg)		105.70			
Unit cost (excl. imputed cost) (Rs/kg)		76.39			

Table 2.19 : Cost of cultivation per acre of Cabbage (irrigated)- Nuwaraeliya

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
All nursery preparation	(38)	(23,629)		(18600)	
General land preparation	94	26,213			26,213
1 st Plough with 2wt	100	3,956	15,262		19,218
Preparation beds & ridges	100	26,334		12,871 *	39,205
Digging holes & crop establishment	100	26,560		83,536	110,096
Fertilizer application	100	17,687		92,170	109,857
Weeding & earthing up	79	32,062			32,062
Pest & disease control	100	25,463		44,776	70,239
Water management (pump)	100	53,910	24,440		78,350
Harvesting & drawing done by buyer	100				
Total including imputed cost		212,185	39,702	233,353	485,240
Total excluding imputed cost		120,414	37,629	233,353	391,396

*Lime

RELATED INFORMATION

Quantity and Price of Inputs					
Input	% Reporting	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
Plants	62	Plants	18,564	4.50	Green coronet - 73
Seed	(38)	kg	(0.23)	(149,491)	Sisaro - 06
LABOUR					AS - 06
Hired		md	42	2,867	Other - 15
Family		md	32		
Total		md	74		
FERTILIZER					
Urea	79	kg	74	215	
TDM	56	kg	150	242	
Vegetable fertilizer	50	kg	222	180	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		7,538		18,626	
Price of produce (Rs/kg)		97			
Gross income (Rs)		731,186		1,806,761	
Profit incl. imputed cost (Rs)		245,946		607,733	
Profit excl. imputed cost (Rs)		339,790		839,621	
Unit cost (incl.imputed cost) (Rs/kg)		64.37			
Unit cost (excl. imputed cost) (Rs/kg)		51.92			

Table 2.20 : Cost of cultivation per acre of Carrot (irrigated)- Nuwaraeliya

Operation	Percent Reported	Cost (Rs/ac)			Total
		Labour	Machinery	Material	
General land preparation	82	29,682			29,682
1 st Plough with 2wt (do manually)	88 (9)	2,490 (81,000)	12,668		15,158
Preparation beds & ridges	100	50,943		5,877*	56,820
Seeding	100	28,304		93,973	122,277
Fertilizer application	100	17,570		53,739	71,309
Weeding & thinning out	100	56,385			56,385
Pest & disease control	100	21,689		32,625	54,314
Water management	100	54,588	32,487		87,075
Harvesting & drawing done by buyer	100				
Total including imputed cost		261,651	45,155	186,214	493,020
Total excluding imputed cost		164,871	43,145	186,214	394,230

Lime*

RELATED INFORMATION

Quantity and Price of Inputs

Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Hurculies - 61
Seed	kg	1.13	83,162.00	Teracota - 14
LABOUR				Takis - 22
Hired	md	63	2,617	Other - 03
Family	md	37		
Total	md	100		
FERTILIZER	% Reporting			
Potato mixture	76	kg	221	207
Urea	41	kg	36	222
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	6,152		15,202	
Price of produce (Rs/kg)	179			
Gross income (Rs)	1,101,208		2,721,085	
Profit incl. imputed cost (Rs)	608,188		1,502,833	
Profit excl. imputed cost (Rs)	706,978		1,746,943	
Unit cost (incl.imputed cost) (Rs/kg)	80.14			
Unit cost (excl. imputed cost) (Rs/kg)	64.08			

Table 2.21 : Cost of cultivation per acre of Pole bean (irrigated)- Badulla

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General land preparation	55	17,564			17,564
1 st Plough with 2wt	82	3,758	15,000		18,758
(do with 4wt)	`(9)	`(6,646)	`(16,000)		
(do manually)	`(9)	`(32,705)			
Preparation beds and ridges	85	29,286		7,126*	36,412
Digging holes and seeding	100	28,627		44,325	72,952
Fertilizer applications	100	13,885		77,715	91,600
Weeding & earthing up	100	20,372			20,372
Pest and disease control	100	11,675		38,868	50,543
Fixing support	100	25,896		71,901	97,797
Water management	100	26,000			26,000
Harvesting & drawing	100	41,684			41,684
Total including imputed cost		218,748	15,000	239,935	473,683
Total excluding imputed cost		77,071	8,528	239,935	325,534

*Lime

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Capri - 91
Seeding	kg	15.00	2,955.00	Kakulu - 07
LABOUR				other - 02
Hired	md	37	2,083	
Family	md	68		
Total	md	105		
FERTILIZER	% Reporting			
Poultry	42	kg	832	13
Vegetable mixture	70	kg	153	189
TDM	48	kg	131	217
Nilkata	48	kg	39	245
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	3,412	**	8,431	
Price of produce (Rs/kg)	219			
Gross income (Rs)	747,228		1,846,400	
Profit incl. imputed cost (Rs)	273,545		675,929	
Profit excl. imputed cost (Rs)	421,694		1,042,006	
Unit cost (incl.imputed cost) (Rs/kg)	138.83			
Unit cost (excl. imputed cost) (Rs/kg)	95.41			

** Low yield due to heavy rain & yellowing

Table 2.22 : Cost of cultivation per acre of Pole bean (rain fed)- Matale

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
General Land Preparation	94	30,528			30,528
1 st plough manually	68	42,562			42,562
(do with 4wt)	(22)	,(1,169)	(16,941)		
(do with 2wt)	(10)	,(2,600)	(14,285)		
Preparation of beds and ridges	100	23,553			23,553
Digging holes & seeding	100	15,609		21,104	36,713
Fertilizer application	100	8,046		30,512	38,558
Weeding & earthing up	100	12,918			12,918
Pest & disease control	90	6,674		21,709	28,383
Fixing support	100	25,284		32,473	57,757
Harvesting & drawing	100	21,533			21,533
Total including imputed cost		186,707	0	105,798	292,505
Total excluding imputed cost		31,936	0	91,248	123,184

RELATED INFORMATION

Quantity and Price of Inputs				
Input	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED				Blackcora - 66
seed	kg	9.73	2,169.00	Pokuru sitti - 31
LABOUR				888 - 03
Hired	md	16	1,996	
Family	md	79		
Total	md	94		
FERTILIZER	% Reporting			
Vegetable mixture	81	kg	132	166
Urea	52	kg	40	215
YIELD AND RETURNS	Per ac		Per ha	
Average yield (kg)	1,182	*	2,921	
Price of produce (Rs/kg)	294			
Gross income (Rs)	347,508		858,692	
Profit incl. imputed cost (Rs)	55,003		135,911	
Profit excl. imputed cost (Rs)	224,324		554,304	
Unit cost (incl.imputed cost) (Rs/kg)	247.47			
Unit cost (excl. imputed cost) (Rs/kg)	104.22			

* Low yield due to heavy rain & leaf yellowing.

Table 2.23 : Cost of cultivation per acre of Tomato (irrigated)- Badulla

Operation	Percent Reported	Cost (Rs/ac)			
		Labour	Machinery	Material	Total
All nursery preparation	87	8,788		2,592	11,380
General land preparation	90	19,820			19,820
1 st Plough with 2wt (do manually)	67 (33)	2,043 (32,198)	18,386		20,429
Preparation beds & ridges	100	23,221		2,177	25,398
Digging holes & transplanting	100	25,234		27,295	52,529
Fertilizer application	100	11,800		58,059	69,859
Weeding & earthing up	100	25,916			25,916
Pest & disease control	100	44,000		69,120	113,120
Fixing support & training	100	33,930		77,906	111,836
Water management (pump)	100	31,960	16,030		47,990
Harvesting & drawing	100	45,564			45,564
Total including imputed cost		272,276	34,416	237,149	543,841
Total excluding imputed cost		80,514	30,378	207,306	318,198

RELATED INFORMATION

Quantity and Price of Inputs					
Input	% Reporting	Unit	Quantity	Unit Price (Rs)	Varieties (Ext %)
SEED					Pathma - 90
Seed	87%	kg	0.053	515,000.00	Thilini - 10
	13%	Plant			
LABOUR					
Hired		md	42	1,917	
Family		md	100		
Total		md	142		
FERTILIZER					
Poultry	93	kg	627	19	
Urea	50	kg	63	190	
Vegetable mixture	67	kg	192	178	
YIELD AND RETURNS		Per ac		Per ha	
Average yield (kg)		7,106	*	17,559	
Price of produce (Rs/kg)		256			
Gross income (Rs)		1,819,136		4,495,085	
Profit incl. imputed cost (Rs)		1,275,295		3,151,254	
Profit excl. imputed cost (Rs)		1,500,938		3,708,818	
Unit cost (incl.imputed cost) (Rs/kg)		76.53			
Unit cost (excl. imputed cost) (Rs/kg)		44.78			

*Low yield due to heavy rain