

Table - 4.4 (a)

Paddy : Estimates of Cost of Cultivation/Production and related data

	Andhra Pradesh		Assam		Bihar		Chhattisgarh		Gujarat		Haryana		Himachal Pradesh		Jharkhand		Karnataka		
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Cost of Cultivation per hectare(Rs)																			
A1	28410.43	28080.82	10963.40	9359.57	11901.53	11179.75	11759.17	11321.72	21335.53	20051.67	22753.26	21551.10	5624.39	5170.17	12273.10	10566.81	27490.53	22984.85	
A2	29582.92	30132.75	11621.46	9792.43	11901.53	11179.75	11759.17	11321.72	21419.54	20123.88	22884.32	21591.41	5642.82	5209.42	12273.10	10566.81	27490.53	22984.85	
A2+FL	35090.78	35104.80	18967.47	16372.56	15810.83	14171.74	15895.14	14294.67	23878.23	22634.10	28393.05	28168.98	12447.16	11884.34	15617.80	12948.41	33741.67	28657.03	
B1	29695.55	29261.56	12483.19	10966.67	12616.89	12261.65	12544.10	12237.16	22390.08	20817.35	25116.97	25327.29	6807.08	6369.27	13446.17	11907.34	28549.33	24014.37	
B2	45997.47	49230.48	18538.37	16122.01	17050.89	16772.05	19358.02	18152.01	21495.82	29328.53	44359.47	44140.07	11753.52	10514.82	17504.51	14970.95	39406.98	36022.79	
C1	35203.41	34233.61	19829.21	17546.80	16526.19	15253.64	16680.07	15210.11	24848.77	23327.57	30625.70	31904.86	13611.42	13044.18	16790.87	14288.94	34800.46	29686.55	
C2	51505.34	54202.54	25884.38	22702.13	20960.19	19764.04	23493.99	21181.04	33954.51	31838.76	49868.20	50717.64	18557.86	17189.74	20849.20	17352.55	45658.12	41694.97	
C2*	51663.15	54613.64	26027.38	22772.03	22311.59	21287.25	23551.82	21181.04	34405.33	34093.86	49868.20	50717.64	19208.09	17780.06	21924.34	19124.18	45733.34	41694.97	
Yield per hectare (Quintals)	52.60	54.69	29.58	25.83	19.29	18.97	26.19	24.04	42.69	37.00	37.54	43.61	20.34	16.09	13.57	11.89	47.76	48.64	
Value of the main-product per hectare (Rs)	51410.01	61375.65	24954.46	20445.60	18679.99	16244.18	25251.90	22449.30	46887.55	45846.67	72711.13	70844.67	21349.04	17495.87	11972.26	10092.54	49495.05	54596.52	
Value of the by-product per hectare (Rs)	3489.22	3890.80	1511.13	1307.10	3270.54	2711.13	2003.79	1210.12	8036.31	5912.35	1290.72	839.32	7453.20	5558.88	2126.60	1840.90	3120.63	2999.20	
Implicit price (Rs./qtl)	977.38	1122.25	843.63	791.54	968.38	856.31	964.18	933.83	1098.33	1239.10	1936.90	1624.51	1049.61	1087.38	882.26	848.83	1036.33	1122.46	
Cost of production per quintal (Rs)																			
A1	503.63	485.29	346.64	338.17	530.78	508.06	415.80	446.99	427.06	481.42	594.43	488.03	205.85	242.45	767.18	751.36	532.29	444.26	
A2	525.55	521.56	367.85	354.94	530.78	508.06	415.80	446.99	428.89	482.92	597.96	488.95	206.60	243.80	767.18	751.36	532.29	444.26	
A2+FL	624.72	603.62	604.61	595.77	697.52	640.21	562.30	14294.67	477.50	541.86	743.15	638.37	453.60	560.52	977.31	921.02	664.58	558.49	
B1	526.94	504.57	395.31	396.16	555.78	550.23	443.55	483.23	448.49	497.20	656.65	573.83	248.48	300.11	843.10	847.53	554.67	465.76	
B2	819.90	848.07	586.72	582.38	749.53	757.30	684.51	716.52	630.26	701.17	1161.21	1000.75	431.17	488.96	1098.62	1065.66	764.01	690.50	
C1	624.02	588.86	632.92	638.72	729.65	685.23	590.21	600.47	496.85	557.07	800.41	722.83	495.00	617.47	1049.33	1015.90	684.90	581.30	
C2	916.98	932.35	824.34	824.94	923.40	892.31	831.17	833.75	678.62	761.04	1304.97	1149.75	677.68	806.32	1304.85	1234.02	894.25	806.04	
C2*	919.87	939.49	828.81	827.59	982.98	961.30	833.11	836.13	687.67	815.05	1304.97	1149.75	701.48	834.05	1372.44	1359.85	895.71	806.04	
C3	1011.86	1033.43	911.69	910.35	1081.28	1057.44	916.42	919.75	756.43	896.55	1435.47	1264.73	771.63	917.46	1509.68	1495.84	985.28	886.64	
Material and labour inputs per hectare																			
ITEM	UNIT																		
Seeds (kgs.)		78.54	75.91	62.20	64.62	52.14	52.85	93.27	100.41	0.00	0.00	0.00	0.00	100.78	96.18	52.92	56.92	89.43	83.57
Fertilisers (kgs. of Nutrients)		226.15	230.18	15.67	12.61	76.68	65.32	87.56	85.68	209.06	201.84	206.87	190.04	29.36	26.33	40.04	41.04	274.81	257.39
Manure (Quintals)		8.05	19.94	4.59	3.67	0.00	2.28	5.53	6.18	19.12	12.70	0.04	0.00	2.40	2.91	4.13	2.20	7.41	17.41
Human Labour (Man Hours)		735.64	790.66	693.05	678.26	756.92	767.68	508.66	444.37	933.01	950.65	605.86	713.00	421.11	418.42	733.38	748.72	998.62	1058.68
Animal Labour (Pair Hours)		14.25	17.32	200.50	205.03	31.23	26.89	58.05	55.18	16.41	14.07	1.09	0.65	30.83	45.57	65.22	57.96	75.52	84.85

(Contd...)

Table - 4.4 (a-contd..)

Paddy : Estimates of Cost of Cultivation/Production and related data

	Kerala		Madhya Pradesh		Maharashtra		Odisha		Punjab		Tamil Nadu		Uttar Pradesh		Uttarakhand		West Bengal	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Cost of Cultivation per hectare(Rs)																		
A1	30161.06	26605.43	12062.82	10704.61	33169.04	26281.12	15800.21	14087.86	20930.70	20609.13	31268.64	28575.06	15490.64	15690.98	16245.82	19006.89	21608.32	18741.07
A2	30536.71	26693.17	12062.82	10704.61	33169.04	26281.12	15896.55	14201.33	27517.68	25286.02	31774.94	29001.43	15554.48	15702.59	16245.82	19006.89	22884.06	19861.93
A2+FL	33326.83	28756.36	15546.78	14481.13	39058.13	33847.84	21894.98	19175.75	30793.25	29031.73	38033.45	34822.54	21281.30	21336.61	20420.04	20864.93	32872.72	28101.85
B1	30412.98	26848.71	12965.93	11831.70	36614.47	29119.79	16992.86	15439.11	23853.02	23671.32	34247.17	31927.06	17222.46	18022.73	17545.55	22665.48	22490.38	19628.41
B2	41857.73	37244.09	20514.29	18494.32	43010.30	35202.11	24319.97	23169.45	48003.76	46904.50	44373.89	41138.59	26572.54	26693.76	28780.04	36685.11	33031.19	29871.64
C1	33203.10	28911.86	16449.89	15608.22	42503.56	36686.51	22991.29	20413.53	27128.59	27417.04	40505.68	37748.16	22949.67	23656.75	21719.77	24523.52	32479.04	27868.32
C2	44647.85	39307.25	23998.24	22270.83	48899.38	42768.83	30318.40	28143.88	51279.34	50650.21	50632.40	46959.70	32299.35	32327.78	32954.25	38543.16	43019.85	38111.55
C2*	44647.85	39307.25	24074.31	23126.81	48899.38	42768.83	30727.59	28954.51	51279.34	50650.21	50632.40	46959.70	32299.35	33297.59	33231.68	38543.16	43019.85	38111.55
Yield per hectare (Quintals)	40.15	41.46	23.31	21.45	27.76	27.45	28.30	31.62	60.49	64.70	50.32	48.94	37.51	37.58	38.13	44.28	36.85	38.91
Value of the main-product per hectare (Rs)	53338.98	48484.39	27707.08	24162.88	33568.59	32995.26	26023.86	27427.51	66313.44	70621.63	50640.79	52640.51	36459.18	36978.26	41305.22	43216.80	36602.98	36310.81
Value of the by-product per hectare (Rs)	3844.70	3672.11	2486.34	2487.58	4798.69	3491.42	3148.09	3327.18	879.20	872.23	3143.20	3588.04	2442.43	2128.47	2325.45	2697.73	5153.54	4832.87
Implicit price (Rs./qtl)	1328.49	1169.43	1188.63	1126.47	1209.24	1202.01	919.57	867.41	1096.27	1091.52	1006.38	1075.61	971.99	983.99	1083.27	975.99	993.30	933.20
Cost of production per quintal (Rs)																		
A1	700.30	596.42	479.96	445.60	1021.41	866.02	498.50	397.82	341.32	314.51	581.64	541.34	390.06	397.37	434.07	406.78	516.52	426.05
A2	709.01	598.40	479.96	445.60	1021.41	866.02	501.55	401.16	449.61	386.32	590.23	547.60	392.53	397.60	434.07	406.78	547.28	452.01
A2+FL	774.25	644.76	612.04	612.10	1231.02	1115.08	690.18	540.84	502.40	443.24	711.66	666.13	531.73	536.86	506.99	443.52	781.97	637.39
B1	706.16	601.88	515.64	492.56	1139.15	960.55	534.31	435.16	388.88	361.28	639.65	614.13	436.20	461.19	476.47	485.85	538.20	445.77
B2	971.56	835.06	812.48	781.14	1333.69	1154.92	767.59	653.48	783.79	716.08	829.25	787.59	663.30	668.49	738.83	783.29	786.06	678.77
C1	771.21	647.98	648.41	649.87	1326.21	1213.41	722.32	575.33	441.55	418.38	757.15	723.70	579.76	605.67	553.67	521.32	774.97	632.12
C2	1036.61	881.15	945.25	938.45	1520.74	1407.78	955.59	793.65	836.46	773.18	946.75	897.16	806.87	812.97	816.04	818.76	1022.83	865.12
C2*	1036.61	881.15	948.40	974.68	1520.74	1407.78	968.47	816.63	836.46	773.08	946.75	897.16	806.87	837.31	822.91	818.76	1022.83	865.12
C3	1140.27	969.27	1043.24	1072.15	1672.81	1548.56	1065.32	898.29	920.11	850.50	1041.43	986.88	887.56	921.05	905.20	900.64	1125.11	951.63
Material and labour inputs per hectare																		
ITEM	UNIT																	
Seeds (kgs.)	0.00	0.00	65.06	68.80	66.10	63.95	89.75	89.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.32	65.76
Fertilisers (kgs. of Nutrients)	160.94	146.95	79.75	85.16	130.14	118.03	90.82	95.28	204.99	206.28	240.10	247.35	175.02	182.70	136.44	80.22	140.48	150.56
Manure (Quintals)	7.27	9.69	10.46	11.03	32.61	45.77	23.76	23.82	29.25	21.50	25.26	28.00	6.35	6.71	28.11	15.77	17.92	24.31
Human Labour (Man Hours)	518.49	579.30	538.98	578.57	1313.98	1385.36	1041.75	1061.59	390.95	439.46	771.44	721.14	795.06	853.12	485.76	454.81	1222.56	1245.19
Animal Labour (Pair Hours)	0.59	0.77	65.10	65.38	86.21	123.39	188.95	188.29	2.00	3.56	11.08	17.31	11.48	8.20	46.62	0.44	75.17	79.42

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (a-contd..)

Paddy : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Assam		Bihar		Chhattisgarh		Gujarat		Haryana		Himachal Pradesh		Jharkhand		Karnataka	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Operational Cost	33686.84	32845.45	17707.20	15297.14	15569.43	13917.94	15331.80	13708.89	23667.22	22384.36	28187.01	27954.28	12094.27	11547.36	15025.28	12284.28	33364.11	28410.86
Human Labour																		
Casual	13175.33	11540.79	2840.53	2571.55	5027.09	4779.33	2799.31	2471.29	8434.20	6883.68	8496.30	7898.01	424.40	280.63	5752.14	4457.05	10813.76	9109.00
Attached	498.98	407.33	488.97	430.06	21.46	9.75	16.22	14.31	318.92	234.13	1335.02	954.53	0.00	2.43	0.00	0.00	63.97	22.23
Family	5507.86	4972.05	7346.01	6580.13	3909.30	2991.99	4135.97	2972.85	2458.69	2510.22	5508.73	6577.57	6804.34	6674.92	3344.70	2381.60	6251.14	5672.18
Total	19182.17	16920.17	10675.51	9581.74	8957.85	7781.07	6951.50	5458.45	11211.81	9628.03	15340.05	15430.11	7228.74	6957.98	9096.84	6838.65	17128.87	14803.41
Bullock Labour																		
Hired	200.42	229.07	28.25	27.27	207.08	96.34	554.03	477.54	51.21	28.81	0.00	0.00	184.74	300.88	84.70	112.53	553.91	779.14
Owned	434.78	506.14	4016.36	3252.60	612.38	554.68	843.00	725.50	487.03	415.26	106.40	71.01	199.41	348.96	2669.52	2208.05	2132.06	1675.73
Total	635.20	735.21	4044.61	3279.87	819.46	651.02	1397.03	1203.04	538.24	444.07	106.40	71.01	384.15	649.84	2754.22	2320.58	2685.97	2454.87
Machine Labour																		
Hired	5678.33	5037.07	953.32	723.37	1799.44	1683.80	3068.88	3341.00	3248.12	3107.55	2357.55	2284.54	2323.99	1753.42	1031.99	1310.56	5006.38	3594.14
Owned	39.84	37.84	159.45	105.44	12.01	6.99	3.25	2.54	194.68	125.69	790.19	1382.63	15.28	17.65	0.00	0.00	358.47	251.32
Total	5718.17	5074.91	1112.77	828.81	1811.45	1690.79	3072.13	3343.54	3442.80	3233.24	3147.74	3667.17	2339.27	1771.07	1031.99	1310.56	5364.85	3845.46
Seed	1608.79	3108.30	807.28	719.29	1368.92	1189.03	1354.72	1265.24	2524.47	2400.84	930.14	905.20	1194.09	1299.96	999.40	799.72	1785.14	1354.20
Fertilisers and Manure																		
Fertilisers	3168.88	3005.75	332.73	273.27	1162.70	969.94	1304.72	1205.20	3161.62	2954.54	2906.73	2506.70	338.09	273.46	641.37	649.43	4082.37	3675.06
Manure	281.52	542.75	279.36	199.53	0.00	179.16	399.88	393.12	708.58	360.64	1.69	0.00	115.62	132.54	145.45	65.26	447.68	853.65
Total	3450.40	3548.50	612.09	472.80	1162.70	1149.10	1704.60	1598.32	3870.20	3315.18	2908.42	2506.70	453.71	406.00	786.82	714.69	4530.05	4528.71
Insecticides	1567.40	1760.52	3.13	3.94	9.18	7.28	240.53	246.18	470.44	319.43	1600.54	1162.06	257.18	233.06	0.00	0.00	503.48	399.04
Irrigation charges	585.89	761.32	137.83	146.54	1086.53	1118.56	267.61	265.49	966.58	2441.32	3466.50	3562.59	76.83	81.79	2.05	0.00	544.14	336.12
Interest on working capital	853.91	844.65	313.98	264.15	353.34	331.09	339.27	325.33	642.68	602.25	0.00	647.78	160.30	147.66	353.96	300.08	821.61	689.05
Miscellaneous	84.91	91.87	0.00	0.00	0.00	0.00	4.41	3.30	0.00	0.00	687.22	1.66	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost	17818.50	21357.09	8177.18	7404.99	5390.76	5846.10	8162.17	7415.97	10287.29	9454.40	21681.19	22763.36	6463.59	5642.38	5823.92	5068.27	12294.01	13284.11
Rental value of owned land	15129.43	17916.99	5397.12	4722.47	4434.01	4510.40	6813.92	5914.85	9021.73	8438.98	19111.43	18772.48	4928.01	4106.30	4058.34	3063.61	10857.65	12008.42
Rent paid for leased-in land	1172.49	2051.94	658.06	432.87	0.00	0.00	0.00	0.00	84.01	72.21	131.06	40.30	18.43	39.25	0.00	0.00	0.00	0.00
Land revenue, cesses & taxes	1.87	1.24	43.24	45.12	38.34	28.47	3.24	3.40	13.55	14.88	0.00	0.00	11.63	11.10	41.99	41.94	11.91	10.63
Depreciation on implements & Farm buildings	229.58	206.18	558.97	597.43	203.05	225.33	560.08	582.28	113.45	162.65	74.99	174.40	322.83	286.64	550.52	622.19	365.64	235.54
Interest on fixed capital	1285.13	1180.74	1519.79	1607.10	715.36	1081.90	784.93	915.44	1054.55	765.68	2363.71	3776.18	1182.69	1199.09	1173.07	1340.53	1058.81	1029.52
Total Cost	51505.34	54202.54	25884.38	22702.13	20960.19	19764.04	23493.97	21124.86	33954.51	31838.76	49868.20	50717.64	18557.86	17189.74	20849.20	17352.55	45658.12	41694.97
Operational Cost (based on new methodology)	33844.68	33256.55	17850.20	15367.04	16920.83	15441.15	15389.65	13765.07	24118.04	24639.46	28187.01	27954.28	12744.50	12137.68	13950.14	14055.91	33439.33	28410.86
Human Labour (based on new methodology)	19339.98	17331.27	10818.51	9651.64	10309.25	9304.28	7009.33	5514.63	11662.63	11883.13	15340.05	15430.11	7878.97	7548.30	8021.70	8610.28	17204.09	14803.41
Total Cost (based on new methodology)	51663.15	54613.64	26027.38	22772.03	22311.59	21287.25	23551.82	21181.04	34405.33	34093.86	49868.20	50717.64	19208.09	17780.06	20849.20	19124.18	45733.34	41694.97

(Contd.....)

Table - 4.4 (a-contd..)

Paddy : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Kerala		Madhya Pradesh		Maharashtra		Odisha		Punjab		Tamil Nadu		Uttar Pradesh		Uttarakhand		West Bengal		
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	
	1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Operational Cost	32688.61	28424.29	14949.74	13972.66	38408.23	33110.65	21299.84	18479.84	23916.12	23978.71	37227.36	34017.45	20808.28	20898.49	20253.31	20407.03	31006.18	26396.28	
Human Labour																			
Casual	15161.51	14830.23	3717.47	2877.39	12697.10	8718.79	7346.43	5989.48	6028.79	5198.22	10797.49	8933.61	4257.46	3939.38	3571.87	4456.20	9608.51	7855.77	
Attached	0.00	0.00	133.48	98.31	653.26	400.62	257.49	168.36	1181.33	1103.85	529.38	440.00	84.96	120.79	200.40	103.16	8.23	10.47	
Family	2790.12	2063.19	3483.96	3776.52	5889.09	7566.72	5998.43	4974.42	3275.57	3745.71	6258.51	5821.11	5726.82	5634.02	4174.22	1858.04	9988.66	8239.92	
Total	17951.63	16893.42	7334.91	6752.22	19239.45	16686.13	13602.35	11132.26	10485.69	10047.78	17585.38	15194.72	10069.24	9694.19	7946.49	6417.40	19605.40	16106.16	
Bullock Labour																			
Hired	48.34	47.32	564.65	399.25	1601.89	1993.09	336.18	266.19	1.18	2.42	218.58	181.95	46.25	15.50	791.06	0.00	398.41	454.21	
Owned	2.29	1.71	1409.58	1451.39	3030.43	4093.72	2643.90	2596.00	109.31	221.67	156.82	272.15	798.01	612.43	2.36	70.85	1622.52	1275.67	
Total	50.63	49.03	1974.23	1850.64	4632.32	6086.81	2980.08	2862.19	110.49	224.09	375.40	454.10	844.26	627.93	793.42	70.85	2020.93	1729.88	
Machine Labour																			
Hired	8259.53	5906.49	1638.99	1087.34	4393.82	1752.71	827.13	789.68	2671.01	2600.14	6796.27	6623.82	2318.24	2292.80	1471.44	2444.78	1678.43	1391.56	
Owned	35.43	39.57	31.32	55.66	293.71	38.43	22.43	22.16	1898.13	2342.40	155.61	135.18	419.89	420.62	1741.12	999.30	16.01	12.28	
Total	8294.96	5946.06	1670.31	1143.00	4687.53	1791.14	849.56	811.84	4569.14	4942.54	6951.88	6759.00	2738.13	2713.42	3212.56	3444.08	1694.44	1403.84	
Seed	1566.63	1453.23	1377.48	1334.20	2311.28	2273.19	889.69	840.95	1263.59	1109.10	4782.12	4220.82	2035.50	1899.00	2986.99	4369.13	1256.27	1030.89	
Fertilisers and Manure																			
Fertilisers	2118.43	1863.51	1146.08	1148.80	1961.44	1612.89	1362.58	1321.97	2848.31	2717.05	3389.73	3470.67	2467.99	2561.27	1726.06	1153.95	2275.98	2331.43	
Manure	830.58	650.02	790.80	736.84	3688.35	3402.62	950.35	865.67	248.79	183.69	1154.14	849.23	130.51	196.93	1686.71	1495.18	1117.08	858.12	
Total	2949.01	2513.53	1936.88	1885.64	5649.79	5015.51	2312.93	2187.64	3097.10	2900.74	4543.87	4319.90	2598.50	2758.20	3412.77	2649.13	3393.06	3189.55	
Insecticides	893.03	709.34	234.49	271.78	260.17	205.54	100.83	129.68	2279.75	2104.67	946.50	974.39	207.41	178.87	759.05	1903.24	522.02	401.74	
Irrigation charges	76.71	44.90	69.92	422.52	642.27	278.26	100.72	106.02	1451.54	1995.62	1078.43	1218.99	1844.89	2564.30	654.78	991.11	1860.11	1963.15	
Interest on working capital	906.01	798.82	347.45	308.97	985.42	774.07	463.68	409.26	625.47	613.12	938.45	854.43	457.01	462.56	487.25	562.09	636.89	550.19	
Miscellaneous	0.00	15.96	4.07	3.69	0.00	0.00	0.00	0.00	33.35	41.05	25.33	21.10	13.34	0.02	0.00	0.00	17.06	20.88	
Fixed Cost	11959.24	10882.96	9048.50	8298.17	10491.15	9658.18	9018.56	9664.04	27363.22	26671.50	13405.04	12942.25	11491.07	11429.29	12700.94	18136.13	12013.67	11715.27	
Rental value of owned land	11069.11	10307.65	7548.35	6662.62	6395.83	6082.33	7230.77	7616.88	17563.76	18556.29	9620.42	8785.16	9285.83	8659.42	11234.49	14019.63	9265.08	9122.38	
Rent paid for leased-in land	375.64	87.74	0.00	0.00	0.00	0.00	96.35	113.46	6586.98	4676.89	506.30	426.38	63.85	11.61	0.00	0.00	1275.74	1120.85	
Land revenue, cesses & taxes	77.85	49.42	2.93	3.26	43.18	35.68	20.64	19.14	0.00	0.00	8.37	90.74	5.67	5.38	5.44	8.55	38.83	40.13	
Depreciation on implements & Farm buildings	184.73	194.88	594.11	505.20	606.70	701.51	478.15	563.32	290.16	376.12	291.42	287.97	403.50	421.13	161.28	449.36	551.96	544.58	
Interest on fixed capital	251.91	243.27	903.11	1127.09	3445.44	2838.66	1192.65	1351.24	2922.32	3062.20	2978.53	3352.00	1732.22	2331.75	1299.73	3658.59	882.06	887.33	
Total Cost	44647.85	39307.25	23998.24	22270.83	48899.38	42768.83	30318.40	28143.88	51279.34	50650.21	50632.40	46959.70	32299.35	32327.78	32954.25	38543.16	43019.85	38111.55	
Operational Cost (based on new methodology)	32688.61	28424.29	15025.81	14828.64	38408.23	33110.65	21709.03	19290.47	23916.12	23978.71	37227.36	34017.45	20808.28	21868.30	20530.74	20407.03	31006.18	26396.28	
Human Labour (based on new methodology)	17951.63	16893.42	7410.98	7608.20	19239.45	16686.13	14011.54	11942.89	10485.69	10047.78	17585.38	15194.72	10069.24	10664.00	8223.92	6417.40	19605.40	16106.16	
Total Cost (based on new methodology)	44647.85	39307.25	24074.31	23126.81	48899.38	42768.83	30727.59	28954.51	51279.34	50650.21	50632.40	46959.70	32299.35	33297.59	33231.68	38543.16	43019.85	38111.55	

Table - 4.4 (b)

Jowar : Estimates of Cost of Cultivation/Production and related data

	Andhra Pradesh		Karnataka		Madhya Pradesh		Maharashtra		Rajasthan		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	209-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Cost of Cultivation per hectare(Rs)												
A1	15673.61	11962.67	7599.19	7298.79	9163.04	6584.05	14809.04	12145.25	5066.35	3660.17	8912.85	7603.63
A2	16966.39	12238.33	7599.19	7298.79	9163.04	6584.05	14809.04	12145.25	5296.85	3660.17	8912.85	7655.34
A2+FL	21130.34	16102.21	9535.15	9376.81	13783.97	9090.50	18579.22	14587.23	10300.63	7286.38	11993.71	9953.17
B1	17008.31	13394.31	8329.71	8169.82	10083.78	7425.70	17598.76	14570.01	5903.70	4374.02	9204.71	7808.63
B2	27284.57	19923.16	11945.01	10612.88	13976.87	10382.71	22563.05	17989.24	8041.67	5822.17	12543.16	9862.38
C1	21172.26	17258.20	10265.67	10247.84	14704.70	9932.15	21368.94	17011.99	10907.48	8000.23	12285.58	10106.46
C2	31448.52	23787.04	13880.98	12690.90	18597.79	12889.16	26333.23	20431.22	13045.45	9448.38	15624.02	12160.21
C2*	31448.52	23787.04	13984.85	13214.66	18597.79	13275.41	26333.23	20431.22	13045.45	9527.51	15624.02	12160.21
Yield per hectare (Quintals)	13.99	14.17	6.57	7.99	14.42	10.82	12.77	12.00	5.56	2.44	8.47	6.23
Value of the main-product per hectare (Rs)	30668.50	20587.20	13229.28	8591.04	11852.64	9001.58	20002.96	12657.25	5185.21	2760.74	10743.95	5939.64
Value of the by-product per hectare (Rs)	2379.09	2792.79	2246.20	2174.90	3719.71	2826.45	9776.83	7854.01	7236.91	5926.45	6085.68	4320.16
Implicit price (Rs./qtl)	2192.17	1452.87	2013.59	1075.22	821.96	831.94	1566.40	1054.77	932.59	1131.45	1268.47	953.39
Cost of production per quintal (Rs)												
A1	1062.39	766.68	990.67	730.94	480.58	444.86	757.08	618.40	382.89	448.70	710.50	719.91
A2	1194.36	797.12	990.67	730.94	480.58	444.86	757.08	618.40	399.71	448.70	710.50	725.79
A2+FL	1401.66	1000.62	1240.66	936.49	727.56	639.39	977.26	750.13	773.32	949.00	903.98	924.90
B1	1168.98	863.79	1082.62	818.28	529.16	496.86	917.59	746.22	446.75	540.74	732.87	740.52
B2	1750.79	1209.45	1539.94	1057.98	734.61	709.82	1168.35	921.30	604.75	709.21	996.90	936.17
C1	1428.55	1084.01	1338.87	1026.19	774.68	691.85	1130.97	876.97	828.88	984.71	972.68	958.35
C2	2010.36	1429.67	1796.19	1265.90	980.14	904.81	1381.73	1052.04	986.89	1153.17	1236.71	1153.99
C2*	2010.36	1429.67	1810.48	1218.29	980.14	931.72	1381.73	1052.04	986.89	1164.52	1236.71	1153.99
C3	2211.40	1572.64	1991.53	1450.12	1078.15	1024.90	1519.90	1157.24	1085.58	1280.97	1360.38	1269.39
Material and labour inputs per hectare												
ITEM	UNIT											
Seeds (kgs.)	9.97	10.61	7.73	7.96	15.46	12.66	10.75	11.61	35.61	19.32	27.91	23.93
Fertilisers (kgs. of Nutrients)	137.47	111.69	40.74	56.88	39.93	34.89	64.79	61.39	19.26	13.81	23.38	16.32
Manure (Quintals)	0.26	0.36	0.00	0.43	4.43	8.46	3.99	3.63	0.32	0.00	9.15	12.75
Human Labour (Man Hours)	517.54	408.34	350.37	420.22	404.70	301.16	517.11	506.89	304.71	15.99	327.96	305.07
Animal Labour (Pair Hours)	50.29	44.84	41.15	48.86	72.65	70.46	77.89	72.24	4.97	49.88	6.60	6.55

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4(b-contd..)

Jowar : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Karnataka		Madhya Pradesh		Maharashtra		Rajasthan		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Operational Cost	19569.97	15397.08	9352.67	9132.19	13323.96	8613.58	18035.17	13947.88	9778.13	6752.12	11816.14	9685.93
Human Labour												
Casual	7078.40	4485.67	3686.40	3026.63	1821.99	788.08	4795.55	3419.25	1440.90	175.62	4080.87	3428.60
Attached	618.99	906.88	12.45	40.36	391.50	279.47	284.26	350.71	0.00	0.59	0.47	169.33
Family	4163.95	3863.88	1935.96	2078.02	4620.93	2506.45	3770.18	2441.98	5003.78	3626.21	3080.86	2297.83
Total	11861.34	9256.43	5634.81	5145.01	6834.42	3574.00	8849.99	6211.94	6444.68	3802.42	7162.20	5895.76
Bullock Labour												
Hired	448.96	158.61	746.05	1029.69	472.76	640.24	1007.44	636.47	38.30	17.23	215.36	148.77
Owned	1967.35	1999.90	779.22	620.37	1935.03	1471.85	3436.69	3590.05	38.69	552.02	70.25	0.21
Total	2416.31	2158.51	1525.27	1650.06	2407.79	2112.09	4444.13	4226.52	76.99	569.25	285.61	148.98
Machine Labour												
Hired	1866.33	1401.32	919.41	715.40	1779.07	1268.36	2036.20	1269.03	1593.70	1330.28	2030.58	1631.05
Owned	106.43	35.98	98.18	275.07	0.00	0.00	34.80	9.84	30.04	175.02	0.12	3.01
Total	1972.76	1437.30	1017.59	990.47	1779.07	1268.36	2071.00	1278.87	1623.74	1505.30	2030.70	1634.06
Seed	550.43	384.17	245.23	181.85	1002.49	494.83	476.43	450.25	1180.67	588.74	788.03	617.09
Fertilisers and Manure												
Fertilisers	2016.26	1529.30	695.04	893.87	608.50	471.56	991.96	881.07	291.57	180.15	294.84	215.78
Manure	7.94	11.55	0.00	21.49	427.96	507.68	328.21	233.34	15.80	0.00	851.58	864.92
Total	2024.20	1540.85	695.04	915.36	1036.46	979.24	1320.17	1114.41	307.37	180.15	1146.42	1080.70
Insecticides	50.58	92.03	6.03	0.00	0.00	0.00	1.19	4.86	0.00	0.00	7.42	37.12
Irrigation charges	222.28	171.61	3.95	35.68	0.00	0.00	440.00	312.37	0.00	11.54	131.05	48.34
Interest on working capital	5.22	349.49	224.75	213.76	263.73	185.06	432.26	348.66	144.68	94.72	264.71	223.88
Miscellaneous	466.85	6.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost	11878.55	8389.96	4528.31	3558.71	5273.83	4275.58	8298.06	6483.34	3267.32	2696.26	3807.88	2474.28
Rental value of owned land	8983.48	6253.19	3615.31	2443.05	3893.09	2957.01	4964.29	3419.23	1907.46	1448.15	3338.44	2002.04
Rent paid for leased-in land	1292.78	275.66	0.00	0.00	0.00	0.00	0.00	0.00	230.51	0.00	0.00	51.71
Land revenue, cesses & taxes	3.92	0.93	12.08	10.74	3.70	2.17	28.12	28.22	2.56	3.74	7.59	25.53
Depreciation on implements & Farm buildings	263.67	428.54	170.40	233.89	456.30	474.75	515.93	611.13	289.43	530.52	169.99	190.00
Interest on fixed capital	1334.70	1431.64	730.52	871.03	920.74	841.65	2789.72	2424.76	837.36	713.85	291.86	205.00
Total Cost	31448.52	23787.04	13880.98	12690.90	18597.79	12889.16	26333.23	20431.22	13045.45	9448.38	15624.02	12160.21
Operational Cost (based on new methodology)	19569.97	15397.08	9456.54	9655.95	13323.96	8999.83	18035.17	13947.88	9778.13	6831.25	11816.14	9685.93
Human Labour (based on new methodology)	11861.34	9256.43	5738.68	5668.77	6834.42	3960.25	8849.99	6211.94	6444.68	3881.55	7162.20	5895.76
Total Cost (based on new methodology)	31448.52	23787.04	13984.85	13214.66	18597.79	13275.41	26333.23	20431.22	13045.45	9527.51	15624.02	12160.21

Table - 4.4(c)

Bajra : Estimates of Cost of Cultivation/Production and related data

	Gujarat		Haryana		Karnataka		Maharashtra		Rajasthan		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Cost of Cultivation per hectare(Rs)												
A1	11804.20	11422.69	7789.60	6989.17	7658.26	5252.61	13987.52	14503.10	4047.61	3811.05	6691.17	6655.58
A2	11804.20	11440.74	7789.60	6989.17	7658.26	5252.61	13987.52	14503.10	4106.70	3850.04	7709.49	8129.17
A2+FL	15308.81	14958.45	14454.14	13131.37	9166.85	6953.12	18719.23	18010.92	8863.59	7556.88	13268.35	13802.95
B1	12850.51	12275.04	9189.48	8961.52	8155.99	5583.91	15549.89	18655.10	5063.16	4902.95	7943.45	7960.88
B2	17623.71	17243.30	15226.03	15593.31	10624.00	6915.84	19767.14	22675.46	7507.08	7284.27	14335.86	14426.51
C1	16355.12	15792.75	15854.02	15103.72	9664.58	7284.43	20281.60	22162.92	9820.05	8609.79	13502.32	13634.67
C2	21128.32	20761.02	21890.57	21735.51	12132.59	8616.36	24499.11	26183.29	12263.97	10991.10	19894.72	20100.31
C2*	21973.90	22864.73	22159.03	21735.51	12279.66	9500.14	24499.11	26183.29	13017.06	11061.44	19894.72	20100.31
Yield per hectare (Quintals)	18.38	19.76	17.86	16.95	10.71	7.80	20.59	19.78	11.28	7.40	20.26	19.87
Value of the main-product per hectare (Rs)	18964.13	20408.17	14881.14	14914.24	8883.64	5859.90	20060.04	19583.51	8344.96	7188.74	15369.47	15468.85
Value of the by-product per hectare (Rs)	9669.30	9421.88	3959.14	5843.41	1261.98	519.25	5239.99	4533.85	6128.18	7022.60	4294.43	4044.84
Implicit price (Rs./qtl)	1031.78	1032.80	833.21	879.90	829.47	751.27	974.26	990.07	739.80	971.45	758.61	778.50
Cost of production per quintal (Rs)												
A1	425.35	390.63	345.39	298.44	633.13	616.75	539.43	594.65	208.54	256.17	277.04	266.42
A2	425.35	391.15	345.39	298.44	633.13	616.75	539.43	594.65	211.70	258.59	310.76	322.69
A2+FL	551.64	517.90	639.23	556.63	749.45	818.87	720.85	739.38	489.93	516.57	511.88	550.67
B1	462.42	418.84	407.60	374.92	672.31	651.78	599.26	766.31	254.72	330.44	324.37	318.43
B2	628.81	586.78	675.06	642.74	874.29	801.05	761.71	928.10	381.41	485.94	561.67	576.09
C1	589.97	537.90	702.04	653.35	793.94	865.34	781.23	910.62	501.89	584.70	531.67	542.26
C2	756.36	705.84	969.50	921.17	995.70	1014.61	943.68	1072.41	628.58	740.20	768.97	799.92
C2*	786.64	777.28	981.39	921.17	1107.70	1119.15	943.68	1072.41	667.31	745.36	768.97	799.92
C3	865.31	855.01	1079.52	1013.29	1108.47	1231.07	1038.05	1179.65	734.04	819.90	845.87	879.91
Material and labour inputs per hectare												
ITEM	UNIT											
Seeds (kgs.)	6.08	7.16	4.09	5.05	3.27	5.18	4.62	4.77	5.85	5.15	6.02	5.86
Fertilisers (kgs. of Nutrients)	111.58	106.33	73.02	55.90	34.93	44.32	84.19	94.69	15.20	12.52	60.50	55.43
Manure (Quintals)	11.52	18.84	0.00	0.00	0.00	2.85	4.79	2.77	3.54	4.86	0.13	0.40
Human Labour (Man Hours)	583.68	653.03	297.12	298.00	320.57	301.42	532.47	582.18	302.76	266.98	454.51	506.33
Animal Labour (Pair Hours)	13.11	14.36	9.04	6.52	33.47	47.46	49.04	39.33	2.73	7.06	11.25	15.35

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue)

and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4(c-contd..)

Bajra : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Gujarat		Haryana		Karnataka		Maharashtra		Rajasthan		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Operational Cost	15133.14	14726.51	14173.11	12960.40	8992.89	6773.47	18000.54	17475.76	8549.12	7302.12	11773.30	11943.01
Human Labour												
Casual	2906.15	2503.38	1661.25	1508.85	3370.42	1481.87	4694.10	4698.73	1033.47	577.07	1339.49	1312.33
Attached	39.66	38.08	7.37	4.94	0.00	0.00	34.12	5.70	11.30	10.87	3.50	10.62
Family	3504.61	3517.71	6664.54	6142.20	1508.59	1481.87	4731.71	3507.82	4756.89	3706.84	5558.86	5673.79
Total	6450.42	6059.17	8333.16	7655.99	4879.01	3182.38	9459.93	8212.25	5801.66	4294.78	6901.85	6996.74
Bullock Labour												
Hired	390.37	298.49	199.58	8.36	1251.84	1180.44	931.09	637.74	12.15	9.60	1.36	27.69
Owned	499.00	457.91	624.05	581.87	312.35	357.03	1742.49	1750.24	21.07	261.61	776.50	1061.16
Total	889.37	756.40	823.63	590.23	1564.19	1537.47	2673.58	2387.98	33.22	271.21	777.86	1088.85
Machine Labour												
Hired	2837.08	2836.73	2575.83	1981.13	1147.70	745.38	2387.16	1922.57	1653.20	1254.53	2422.45	2071.98
Owned	133.18	128.40	480.30	754.89	81.42	0.00	246.64	940.84	43.03	102.85	30.70	18.79
Total	2970.26	2965.13	3056.13	2736.02	1229.12	745.38	2633.80	2863.41	1696.23	1357.38	2453.15	2090.77
Seed	919.89	910.32	680.00	565.49	446.95	303.70	739.12	734.57	486.91	485.44	659.89	538.54
Fertilisers and Manure												
Fertilisers	1555.36	1392.87	951.25	602.82	580.21	669.04	1227.56	1155.52	204.15	161.51	755.54	633.03
Manure	679.42	756.65	0.00	0.00	0.00	142.50	462.76	265.28	178.37	195.69	3.94	11.95
Total	2234.78	2149.52	951.25	602.82	580.21	811.54	1690.32	1420.80	382.52	357.20	759.48	644.98
Insecticides	57.92	32.15	10.07	7.12	0.00	0.00	0.00	2.65	19.80	1.92	0.00	0.04
Irrigation charges	1258.12	1514.16	91.34	596.12	66.61	39.27	401.72	1430.83	13.86	425.24	32.75	393.11
Interest on working capital	352.38	339.66	227.53	206.61	226.80	153.73	402.07	423.27	114.92	108.95	188.32	189.98
Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost	5995.18	6034.51	7717.46	8775.11	3139.70	1842.89	6498.57	8707.53	3714.85	3688.98	8121.42	8157.30
Rental value of owned land	4773.19	4950.22	6036.55	6631.80	2468.01	1331.93	4217.51	4020.37	2384.84	2342.32	5374.08	4992.05
Rent paid for leased-in land	0.00	18.04	0.00	0.00	0.00	0.00	0.00	0.00	59.09	38.99	1018.32	1473.59
Land revenue, cesses & taxes	7.57	7.30	0.00	0.00	3.51	4.33	15.89	16.63	4.85	3.35	6.21	7.65
Depreciation on implements & Farm buildings	168.11	206.61	281.04	170.96	170.45	175.33	702.80	518.54	250.52	212.42	470.53	378.71
Interest on fixed capital	1046.31	852.34	1399.87	1972.35	497.73	331.30	1562.37	4151.99	1015.55	1091.90	1252.28	1305.30
Total Cost	21128.32	20761.02	21890.57	21735.51	12132.59	8616.36	24499.11	26183.29	12263.97	10991.10	19894.72	20100.31
Operational Cost (based on new methodology)	15978.72	16830.22	14441.57	12960.40	9139.96	7657.25	18000.54	17475.76	9302.21	7372.46	11773.30	11943.01
Human Labour (based on new methodology)	7296.00	8162.88	8601.62	7655.99	5026.08	4066.16	9459.93	8212.25	6554.75	3777.18	6901.85	6996.74
Total Cost (based on new methodology)	21973.90	22864.73	22159.03	21735.51	12279.66	9500.14	24499.11	26183.29	13017.06	11061.44	19894.72	20100.31

Table - 4.4 (d)

Maize : Estimates of Cost of Cultivation/Production and related data

1	Andhra Pradesh		Bihar		Chhattisgarh		Gujarat		Himachal Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	2	3	4	5	6	7	8	9	10	11
Cost of Cultivation per hectare(Rs)										
A1	24171.49	20403.50	14624.37	13769.41	2177.45	2062.11	14633.29	10247.57	6010.41	5380.48
A2	25565.13	21856.64	14624.37	13769.41	2177.45	2062.11	14633.29	10247.57	6014.70	5392.20
A2+FL	31080.06	26735.73	16911.51	16478.91	9360.71	5496.88	17492.87	12773.63	12256.82	10762.74
B1	25487.91	21659.44	14990.77	14443.46	2364.24	2593.64	15488.28	10925.79	7795.37	7132.14
B2	40713.57	33685.45	20964.14	19018.41	4671.22	4118.25	19689.99	14054.99	11685.49	10093.59
C1	31002.85	26538.53	17277.91	17152.97	9547.50	6028.41	18347.86	13451.85	14037.49	12502.69
C2	46228.50	38564.55	23251.28	21727.92	11854.48	7553.02	22549.57	16581.06	17927.61	15464.13
C2*	46228.50	38683.84	24166.97	22966.44	12536.06	7553.02	23436.07	17865.60	17927.61	15734.15
Yield per hectare (Quintals)	51.06	44.26	36.44	34.62	8.86	6.86	17.15	13.79	15.30	10.42
Value of the main-product per hectare (Rs)	52500.77	37503.29	46321.89	32627.75	7479.07	5513.85	17749.60	13388.53	14386.88	9619.52
Value of the by-product per hectare (Rs)	2380.47	1761.68	12600.54	5710.02	1748.84	584.62	7455.64	5382.93	5499.63	3440.77
Implicit price (Rs./qtl)	1028.22	847.34	1271.18	942.45	844.14	803.77	1034.96	970.89	940.32	923.18
Cost of production per quintal (Rs)										
A1	474.38	445.41	282.02	312.71	199.18	271.72	600.61	528.69	281.65	365.22
A2	501.90	486.65	282.02	312.71	199.18	271.72	600.61	528.69	281.85	366.03
A2+FL	582.29	576.96	364.85	405.10	856.29	724.48	718.28	660.67	579.55	760.77
B1	497.53	469.67	290.65	324.63	216.26	341.76	635.42	564.52	365.41	487.95
B2	769.75	734.60	436.74	450.49	427.29	542.66	808.06	724.18	550.23	694.84
C1	594.24	566.77	371.27	415.94	873.33	794.36	754.23	692.27	662.44	883.34
C2	866.46	831.69	517.36	541.80	1084.35	995.25	926.87	851.92	847.27	1090.23
C2*	866.46	834.27	537.67	572.73	1146.76	995.25	963.06	917.62	847.27	1109.48
C3	953.11	917.69	591.44	630.01	1261.45	1094.78	1059.37	1009.39	932.00	1220.43
Material and labour inputs per hectare										
ITEM UNIT										
Seeds (kgs.)	20.50	20.26	24.43	22.37	23.95	20.00	14.95	19.92	31.84	34.45
Fertilisers (kgs. of Nutrients)	211.93	216.59	159.98	159.96	0.00	21.60	136.52	106.38	47.79	42.84
Manure (Quintals)	6.46	5.16	1.38	4.55	0.00	0.00	48.76	14.74	36.11	33.13
Human Labour (Man Hours)	646.12	643.90	457.73	562.80	554.09	375.38	543.53	492.45	365.08	346.33
Animal Labour (Pair Hours)	36.86	35.57	4.17	4.00	68.37	70.77	33.68	32.36	39.76	36.53

(Contd..)

Table - 4.4 (d-contd..)

Maize : Estimates of Cost of Cultivation/Production and related data

	Karnataka		Madhya Pradesh		Rajasthan		Tamil Nadu		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	12	13	14	15	16	17	18	19	20	21
Cost of Cultivation per hectare (Rs)										
A1	14528.02	11652.50	7225.33	6461.75	12119.32	11483.92	25076.75	20935.12	8274.64	11642.53
A2	14528.02	11652.50	7225.33	6461.75	12504.29	11992.51	25406.24	21254.00	8316.14	11671.55
A2+FL	17945.68	14452.24	12391.65	10224.10	20407.05	18142.09	30807.80	25805.00	14413.67	17832.72
B1	15409.27	12546.86	7867.22	7206.15	13973.58	13933.53	27477.47	23196.26	9947.51	15084.35
B2	22528.82	17979.32	11258.58	9903.25	18441.37	18021.26	38058.99	31079.34	15043.93	20661.60
C1	18826.93	15346.60	13033.54	10968.50	21876.34	20083.11	32789.04	27747.26	16045.04	21245.52
C2	25946.48	20779.06	16424.90	13665.60	26344.13	24170.84	43460.55	35630.34	21141.46	26822.77
C2*	26176.07	21851.44	16424.90	13665.60	26344.13	24279.71	43460.55	35630.34	21141.46	27074.28
Yield per hectare (Quintals)	34.28	28.56	12.37	10.12	19.42	15.53	49.44	45.11	18.51	17.95
Value of the main-product per hectare (Rs)	31062.45	22920.57	10550.45	8600.54	17088.77	15980.02	56041.63	39933.68	18255.59	16731.87
Value of the by-product per hectare (Rs)	2682.21	1987.79	3015.00	2187.87	8543.89	6910.72	2865.56	1316.46	3276.19	2191.35
Implicit price (Rs./qtl)	906.14	802.54	852.91	849.86	879.96	1028.98	1133.53	885.25	986.26	932.14
Cost of production per quintal (Rs)										
A1	392.15	368.74	469.26	494.92	413.09	528.96	483.54	454.75	379.46	605.90
A2	392.15	368.74	469.26	494.92	423.26	557.55	490.57	462.68	381.08	606.93
A2+FL	481.89	465.65	779.11	805.40	700.56	815.52	592.82	553.79	660.21	878.42
B1	414.16	402.71	507.51	548.05	479.01	636.53	533.07	500.25	461.84	745.42
B2	600.97	571.17	712.21	746.25	623.84	809.49	731.13	665.36	690.46	1007.59
C1	505.27	497.70	839.74	888.82	757.63	916.72	641.05	599.48	737.73	1046.42
C2	692.08	666.17	1044.43	1087.02	902.46	1089.69	839.12	764.59	966.35	1308.53
C2*	698.20	700.45	1044.43	1087.02	902.46	1094.34	839.12	764.59	966.35	1320.49
C3	768.02	770.49	1148.87	1195.72	992.71	1203.77	923.03	841.05	1062.99	1452.54
Material and labour inputs per hectare										
ITEM UNIT										
Seeds (kgs.)	15.89	15.35	19.94	19.44	31.73	27.15	20.37	19.87	20.80	21.99
Fertilisers (kgs. of Nutrients)	121.36	132.58	40.73	51.89	105.73	118.18	232.20	259.66	79.88	70.55
Manure (Quintals)	6.08	4.13	5.27	4.40	26.52	11.19	28.07	23.19	2.75	0.92
Human Labour (Man Hours)	596.56	584.57	411.56	400.47	669.16	564.18	621.91	617.78	583.00	669.86
Animal Labour (Pair Hours)	67.88	59.16	70.58	68.54	34.39	57.81	1.98	1.55	8.53	29.22

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (d-contd..)

Maize : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Bihar		Chhattisgarh		Gujarat		Himachal Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11
Operational Cost	29285.75	24965.85	16753.12	16303.44	9253.42	5248.18	17354.85	12625.38	11902.50	10385.98
Human Labour										
Casual	8982.30	7646.66	3030.18	2870.94	446.51	0.00	3039.36	2293.19	163.65	226.81
Attached	706.12	464.76	1.27	2.18	0.00	0.00	8.69	51.84	11.75	13.31
Family	5514.93	4879.09	2287.14	2709.50	7183.26	3434.77	2859.58	2526.06	6242.12	5370.54
Total	15203.35	12990.51	5318.59	5582.62	7629.77	3434.77	5907.63	4871.09	6417.52	5610.66
Bullock Labour										
Hired	551.36	493.66	55.77	16.40	0.00	0.00	102.77	259.83	158.78	149.32
Owned	1062.33	1201.17	70.29	95.03	1200.92	1169.23	1469.57	1171.36	292.39	345.84
Total	1613.69	1694.83	126.06	111.43	1200.92	1169.23	1572.34	1431.19	451.17	495.16
Machine Labour										
Hired	3059.97	2416.65	1978.66	1841.81	0.00	0.00	3271.00	2199.69	1665.19	1352.20
Owned	125.96	40.66	13.26	2.30	0.00	0.00	49.15	40.19	22.07	47.52
Total	3185.93	2457.31	1991.92	1844.11	0.00	0.00	3320.15	2239.88	1687.26	1399.72
Seed	2550.54	2490.49	2441.97	2867.40	360.00	306.15	1193.90	1314.30	881.32	688.06
Fertilisers and Manure										
Fertilisers	3243.97	2962.07	2516.08	2203.72	0.00	283.08	1876.65	1381.00	565.21	468.58
Manure	329.79	248.28	86.52	141.14	0.00	0.00	2072.40	376.13	1604.26	1380.23
Total	3573.76	3210.35	2602.60	2344.86	0.00	283.08	3949.05	1757.13	2169.47	1848.81
Insecticides	490.51	532.72	5.24	17.36	0.00	0.00	12.47	5.33	107.56	117.70
Irrigation charges	1947.36	980.90	3828.38	3123.72	0.00	0.00	960.06	700.42	16.68	73.90
Interest on working capital	720.33	608.69	438.36	411.94	62.73	54.95	439.25	306.04	171.52	151.97
Miscellaneous	0.28	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost	16942.75	13598.70	6498.16	5424.48	2601.06	2304.84	5194.72	3955.68	6025.11	5078.15
Rental value of owned land	13832.02	10572.88	5973.37	4574.96	2306.98	1524.62	4201.71	3129.20	3885.83	2949.73
Rent paid for leased-in land	1393.63	1453.14	0.00	0.00	0.00	0.00	0.00	0.00	4.29	11.72
Land revenue, cesses & taxes	3.03	4.88	30.55	31.28	4.26	4.10	6.86	8.76	12.09	13.07
Depreciation on implements & Farm buildings	397.65	311.86	127.84	144.20	103.03	244.60	131.17	139.50	337.94	351.97
Interest on fixed capital	1316.42	1255.94	366.40	674.04	186.79	531.52	854.98	678.22	1784.96	1751.66
Total Cost	46228.50	38564.55	23251.28	21727.92	11854.48	7553.02	22549.57	16581.06	17927.61	15464.13
Operational Cost (based on new methodology)	29285.75	25085.14	17668.81	17541.96	9935.00	5248.18	18241.35	13909.92	11902.50	10656.00
Human Labour (based on new methodology)	15203.35	13109.80	6234.28	6821.14	8311.35	3434.77	6794.13	6155.63	6417.52	5880.68
Total Cost (based on new methodology)	46228.50	38683.84	24166.97	22966.44	12536.06	7553.02	23436.07	17865.60	17927.61	15734.15

(Contd..)

Table - 4.4 (d-contd..)

Maize : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Karnataka		Madhya Pradesh		Rajasthan		Tamil Nadu		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	12	13	14	15	16	17	18	19	20	21
Operational Cost	17642.39	14303.32	11970.57	9898.27	19501.55	17133.39	30231.77	25314.82	13951.16	17029.21
Human Labour										
Casual	5131.11	3919.56	1955.15	1929.20	1440.42	1116.93	9732.61	7452.72	1940.37	1930.50
Attached	128.28	94.17	123.18	0.00	477.06	308.75	136.79	111.92	70.16	30.07
Family	3417.66	2799.74	5166.32	3762.35	7902.76	6149.58	5401.56	4551.00	6097.53	6161.17
Total	8677.05	6813.47	7244.65	5691.55	9820.24	7575.26	15270.96	12115.64	8108.06	8121.74
Bullock Labour										
Hired	923.40	1004.45	242.86	91.43	415.15	378.52	99.13	33.26	36.77	76.94
Owned	1343.54	713.05	1531.88	1429.11	696.48	1514.28	8.19	24.46	610.09	2478.14
Total	2266.94	1717.50	1774.74	1520.54	1111.63	1892.80	107.32	57.72	646.86	2555.08
Machine Labour										
Hired	2087.91	1554.40	800.88	851.89	2626.79	2129.70	4628.03	3406.83	2174.04	1504.76
Owned	115.85	47.45	10.79	5.36	64.51	103.44	141.98	298.25	269.34	280.76
Total	2203.76	1601.85	811.67	857.25	2691.30	2233.14	4770.01	3705.08	2443.38	1785.52
Seed	1696.31	1323.31	705.76	565.52	2377.40	2083.02	3226.69	3166.15	655.28	630.52
Fertilisers and Manure										
Fertilisers	1906.41	1892.42	626.49	717.31	1501.54	1549.38	3184.42	3333.86	1099.06	860.81
Manure	279.98	218.43	527.18	360.16	1574.25	829.43	1468.29	870.86	111.12	27.42
Total	2186.39	2110.85	1153.67	1077.47	3075.79	2378.81	4652.71	4204.72	1210.18	888.23
Insecticides	50.92	0.00	73.89	0.00	20.20	6.59	383.42	391.57	6.12	0.85
Irrigation charges	129.97	387.75	0.00	0.00	53.51	630.93	1068.23	1044.73	643.29	2717.94
Interest on working capital	431.05	348.59	206.19	185.94	351.48	332.84	752.43	629.21	237.99	329.33
Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost	8304.09	6475.74	4454.33	3767.33	6842.58	7037.45	13228.78	10315.52	7190.30	9793.56
Rental value of owned land	7119.55	5432.46	3391.36	2697.10	4082.81	3579.15	10252.02	7564.20	5054.93	5548.23
Rent paid for leased-in land	0.00	0.00	0.00	0.00	384.97	508.58	329.49	318.88	41.50	29.02
Land revenue, cesses & taxes	9.02	8.10	4.24	4.05	9.06	13.03	10.93	49.71	7.14	14.38
Depreciation on implements & Farm buildings	294.27	140.82	416.84	321.78	511.48	487.08	235.61	121.58	413.86	760.12
Interest on fixed capital	881.25	894.36	641.89	744.40	1854.26	2449.61	2400.73	2261.15	1672.87	3441.81
Total Cost	25946.48	20779.06	16424.90	13665.60	26344.13	24170.84	43460.55	35630.34	21141.46	26822.77
Operational Cost (based on new methodology)	18171.98	15375.70	11970.57	9898.27	19501.55	17242.26	30231.77	25314.82	13951.16	17280.72
Human Labour (based on new methodology)	9206.64	7885.85	7244.65	5691.55	9820.24	7684.13	15270.96	12115.64	8108.06	8373.25
Total Cost (based on new methodology)	26176.07	21851.44	16424.90	13665.60	26344.13	24279.71	43460.55	35630.34	21141.46	27074.28

Table - 4.4 (e)

Ragi : Estimates of Cost of Cultivation/Production and related data

1	Andhra Pradesh		Karnataka		Maharashtra		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	2	3	4	5	6	7	8	9
Cost of Cultivation per hectare(Rs)								
A1	16623.90	17217.58	16852.48	13625.95	19315.07	26102.49	11010.69	14115.85
A2	16623.90	17217.58	16852.48	13625.95	19315.07	26102.49	11010.69	14115.85
A2+FL	31631.74	30134.02	22511.61	17621.67	27525.15	32417.81	18167.16	20349.07
B1	17010.51	17573.11	19279.17	15615.30	22589.44	31878.47	11867.90	15491.89
B2	29674.93	26198.11	23482.66	19944.43	26539.65	35863.23	15651.54	21790.07
C1	32018.35	30489.56	24938.30	19611.01	30799.52	38193.80	19024.37	21725.11
C2	44682.76	39114.55	29141.79	23940.15	34749.73	42178.55	22808.01	28023.29
C2*	44682.76	39114.55	29141.79	23940.15	35589.57	42733.22	22808.01	28152.44
Yield per hectare (Quintals)	27.26	23.61	15.63	13.42	21.07	18.58	20.24	34.11
Value of the main-product per hectare (Rs)	41381.37	28333.33	14297.89	15503.58	21306.18	21262.60	24144.75	33363.21
Value of the by-product per hectare (Rs)	833.33	416.67	4717.62	4700.03	2390.35	2641.10	1971.65	4813.30
Implicit price(Rs./qtl)	1518.03	1200.06	914.77	1155.26	1011.21	1144.38	1192.92	978.11
Cost of production per quintal (Rs)								
A1	597.90	718.65	817.63	821.65	871.88	1247.58	501.37	365.98
A2	597.90	718.65	817.63	821.65	871.88	1247.58	501.37	365.98
A2+FL	1137.47	1257.83	1082.96	1007.62	1174.59	1551.99	829.82	521.36
B1	611.80	733.49	942.93	934.43	1012.69	1544.00	540.16	401.25
B2	1067.29	1093.49	1141.71	1146.98	1198.32	1719.40	712.34	559.29
C1	1151.57	1272.61	1125.44	1162.98	1298.50	1848.97	866.11	560.49
C2	1607.06	1632.61	1424.23	1375.54	1484.12	2024.37	1038.30	718.52
C2*	1607.06	1632.61	1424.23	1375.54	1519.80	2050.49	1038.30	721.86
C3	1767.77	1795.87	1566.65	1513.09	1671.78	2255.54	1142.13	794.04
Material and labour inputs per hectare								
ITEM								
Seed (Qtl.)	16.00	20.83	20.04	15.37	24.24	21.55	9.68	6.74
Fertiliser (kgs. of Nutrients)	99.78	97.92	97.90	113.62	38.89	52.75	39.93	61.92
Manure (Quintals)	0.00	0.00	15.34	17.28	3.86	65.06	0.00	29.46
Human Labour (Man Hours)	1228.38	1375.20	734.80	721.01	1179.42	1294.47	587.28	871.03
Animal Labour (Pair Hours)	124.03	86.11	104.53	110.31	100.70	125.64	0.49	43.10

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (e-contd..)

Ragi : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Karnataka		Maharashtra		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	1	2	3	4	5	6	7	8
Operational Cost	31364.91	29831.81	22185.28	17267.98	26359.10	30903.56	17651.71	20091.64
Human Labour								
Casual	9565.72	12000.00	7766.86	5739.23	10225.75	8956.39	7546.15	9998.08
Attached	0.00	0.00	0.00	0.00	927.79	833.45	21.52	67.18
Family	15007.84	12916.44	5659.13	3995.72	8210.08	6315.32	7156.47	6233.22
Total	24573.56	24916.44	13425.99	9734.95	19363.62	16105.16	14724.14	16298.48
Bullock Labour								
Hired	199.46	0.00	1401.11	656.44	2323.92	2224.68	0.00	0.00
Owned	4021.20	2152.78	1921.92	1730.76	1343.02	5628.83	16.46	1198.73
Total	4220.66	2152.78	3323.03	2387.20	3666.94	7853.51	16.46	1198.73
Machine Labour								
Hired	149.60	555.56	638.43	930.08	51.44	216.28	1493.34	164.30
Owned	0.00	0.00	864.74	542.77	0.00	0.00	0.00	0.00
Total	149.60	555.56	1503.17	1472.85	51.44	216.28	1493.34	164.30
Seed	424.98	250.00	240.43	205.74	289.91	271.28	359.83	261.76
Fertilisers and Manure								
Fertilisers	1500.44	1444.44	1578.06	1711.46	483.42	681.73	614.25	719.60
Manure	0.00	0.00	1177.18	1037.33	308.64	5030.49	0.00	371.11
Total	1500.44	1444.44	2755.24	2748.79	792.06	5712.22	614.25	1090.71
Insecticides	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.02
Irrigation charges	0.00	0.00	436.63	316.26	0.00	0.00	125.65	646.69
Interest on working capital	495.67	512.59	500.79	402.19	1645.15	745.11	318.04	419.95
Miscellaneous	0.00	0.00	0.00	0.00	549.98	0.00	0.00	0.00
Fixed Cost	13317.85	9282.74	6956.51	6672.17	8390.63	11274.99	5156.30	7931.65
Rental value of owned land	12664.41	8625.00	4203.49	4329.13	3950.21	3984.75	3783.64	6298.17
Rent paid for leased-in land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land revenue, cesses & tax	0.00	0.00	22.30	24.08	21.25	30.33	4.91	60.09
Depreciation on implements & Farm buildings	266.83	302.22	304.02	329.61	1144.81	1483.93	510.54	197.35
Interest on fixed capital	386.61	355.52	2426.70	1989.35	3274.36	5775.98	857.21	1376.04
Total Cost	44682.76	39114.55	29141.79	23940.15	34749.73	42178.55	22808.01	28023.29
Operational Cost (based on new methodology)	31364.91	29831.81	22185.28	17267.98	27198.94	31458.23	17651.71	20220.79
Human Labour (based on new methodology)	24573.56	24916.44	13425.99	9734.95	20203.46	16659.83	14724.14	16427.63
Total Cost (based on new methodology)	44682.76	39114.55	29141.79	23940.15	35589.57	42733.22	22808.01	28152.44

Table - 4.4 (f)

Tur (Arhar) : Estimates of Cost of Cultivation/Production and related data

	Andhra Pradesh		Bihar		Gujarat		Karnataka		Madhya Pradesh		Maharashtra		Odisha		Tamil Nadu		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Cost of Cultivation per hectare(Rs)																		
A1	14577.58	14235.21	7976.45	6493.35	14178.63	12725.89	13636.85	9786.76	9165.12	8297.45	27049.97	21367.71	5783.49	4488.95	13274.71	9185.11	7728.92	6227.79
A2	14667.28	14244.59	7976.45	6493.35	14563.47	13009.17	12636.85	9786.76	9165.12	8297.45	27107.20	21397.14	5783.49	4488.95	13274.71	9185.11	7783.91	6227.79
A2+FL	16551.29	16519.59	9409.77	8129.09	16794.13	15186.15	15502.48	11974.66	12335.25	10350.94	32977.66	25763.42	9514.64	6844.09	17288.75	13019.99	11998.49	10036.52
B1	15767.19	15950.77	8825.84	7188.60	14905.87	13585.40	13524.69	10396.63	10632.38	9688.48	31070.36	25438.68	6679.08	5529.00	14743.72	10202.16	10532.08	11133.62
B2	22910.16	28685.04	17858.78	14263.11	21418.52	20750.14	19780.39	17232.10	15960.95	18079.80	38779.93	35941.99	12008.77	10362.38	18654.03	13751.61	20466.84	19835.90
C1	17651.21	18225.77	10259.15	8824.35	17136.53	15762.38	16390.33	12584.54	13802.50	11741.97	36940.82	29804.96	10410.23	7884.13	18757.77	14037.04	14746.65	14942.35
C2	24794.18	30960.04	19292.10	15898.85	23649.18	22927.11	22646.03	19420.00	19131.08	20133.30	44650.40	40308.28	15739.92	12717.51	22668.07	17586.49	24681.41	23644.63
C2*	24794.18	30976.21	20038.64	16289.99	25047.85	24828.81	22646.03	19583.45	19141.49	20448.74	44650.40	40308.28	15739.92	13249.84	22668.07	17586.49	24836.04	23661.90
										4.40								
Yield per hectare (Quintals)	5.45	9.50	10.64	8.61	10.93	6.18	7.31	7.17	6.08	8.27	11.74	16.05	4.75	4.17	6.88	3.77	7.63	4.71
Value of the main-product per hectare (Rs)	22695.35	41005.12	36787.11	36320.87	34992.98	39716.18	27766.41	30469.55	19909.42	31905.12	44671.04	61248.61	20800.17	18746.98	27427.57	23212.66	28927.97	24343.53
Value of the by-product per hectare (Rs)	1040.65	1581.90	2482.21	2248.08	2231.00	2470.31	640.65	597.30	1411.89	1660.17	1827.04	1878.21	518.60	586.55	376.55	396.20	3824.37	4375.16
Implicit price (Rs./qtl)	4164.28	4316.33	3457.44	4218.45	3201.55	6426.57	3798.41	4249.59	3274.58	3857.93	3805.03	3816.11	4378.98	4495.68	3986.57	6157.20	3791.35	5168.48
Cost of production per quintal (Rs)																		
A1	2843.30	1584.79	702.30	704.21	1246.29	2247.95	1735.46	1318.21	1447.26	974.62	2220.39	1297.57	1224.12	1063.87	1904.39	2578.82	878.02	1080.70
A2	2850.19	1585.49	702.30	704.21	1269.24	2264.19	1735.46	1318.21	1447.26	974.62	2225.44	1299.25	1224.12	1063.87	1904.39	2578.82	883.75	1080.70
A2+FL	2903.79	1674.31	828.48	889.11	1444.43	2313.41	2072.89	1638.00	1894.48	1189.72	2698.63	1557.44	1954.36	1591.47	2478.87	3395.87	1388.92	1806.26
B1	3050.70	1787.70	801.87	793.37	1314.20	2411.41	1836.09	1403.56	1647.63	1145.23	2555.41	1539.57	1408.16	1301.62	2115.14	2785.54	1209.46	2113.87
B2	4027.31	2916.95	1572.24	1491.83	1816.21	3060.68	2633.29	2338.27	2467.35	2091.95	3177.38	2173.85	2488.77	2420.19	2676.11	3706.98	2351.94	3399.56
C1	3382.72	2020.53	930.85	1036.16	1531.23	2811.42	2228.98	1711.55	2112.61	1370.79	3035.11	1801.49	2150.53	1839.38	2690.99	3628.18	1702.33	2884.55
C2	4359.32	3149.79	1701.22	1734.63	2033.24	3460.69	3026.18	2646.26	2932.33	2317.51	3657.08	2435.77	3231.14	2957.94	3251.96	4549.62	2844.81	4170.24
C2*	4359.32	3150.91	1766.25	1777.31	2152.72	3750.56	3026.18	2668.72	2936.25	2353.76	3657.08	2435.77	3231.14	3083.60	3251.96	4549.62	2862.95	4172.54
C3	4795.25	3466.00	1942.87	1955.04	2368.00	4125.61	3328.80	2935.59	3229.88	2589.14	4022.79	2679.35	3554.25	3391.96	3577.16	5004.58	3149.25	4589.79
Material and labour inputs per hectare																		
ITEM (UNIT)																		
Seeds (kgs.)	20.92	12.75	22.03	18.40	9.78	10.44	11.98	12.28	20.44	19.79	18.20	17.91	23.51	23.72	18.06	12.73	14.35	15.59
Fertilisers (kgs. of Nutrients)	175.04	146.99	2.23	3.90	78.66	78.32	93.18	72.04	37.99	34.77	142.04	98.07	0.00	0.07	148.30	37.20	3.64	2.21
Manure (Quintals)	3.65	0.96	0.00	0.00	66.62	38.04	0.86	1.48	2.60	5.22	11.13	10.38	3.11	0.00	15.52	18.39	0.00	0.00
Human Labour (Man Hours)	376.94	404.89	427.18	385.21	621.30	621.80	429.85	404.15	381.04	366.61	942.73	930.46	480.19	392.01	457.09	407.56	512.48	472.60
Animal Labour (Pair Hours)	31.16	27.18	17.43	21.12	34.87	38.22	37.40	34.49	19.90	37.63	113.10	111.56	126.59	110.18	7.48	1.15	8.39	9.78

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture

Table - 4.4 (f-contd..)

Tur (Arhar) : Break- up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Bihar		Gujarat		Karnataka		Madhya Pradesh		Maharashtra		Odisha		Tamil Nadu		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Operational Cost	16061.37	16275.77	8920.97	7665.91	16178.02	14659.03	15182.65	11707.27	11686.12	9843.10	31657.91	24560.01	8970.75	6384.09	17015.92	12643.30	11149.37	9120.85
Human Labour																		
Casual	5533.42	6018.23	3638.33	2641.87	3971.30	3364.85	4321.75	3084.86	2539.31	2015.60	8341.92	5568.47	1603.79	1277.22	5946.66	3702.76	2936.95	2073.10
Attached	855.42	189.24	0.00	0.00	165.62	328.97	29.54	15.77	243.43	436.39	866.35	257.39	343.32	245.42	473.44	43.71	222.17	41.48
Family	1884.01	2275.00	1433.32	1635.74	2230.66	2176.98	2865.63	2187.90	3170.13	2053.49	5870.46	4366.28	3731.15	2355.14	4014.04	3834.88	4214.58	3808.73
Total	8272.85	8482.47	5071.65	4277.61	6367.58	5870.80	7216.92	5288.53	5952.87	4505.48	15078.73	10192.14	5678.26	3877.78	10434.14	7581.35	7373.70	5923.31
Bullock Labour																		
Hired	431.32	499.54	18.94	89.74	505.56	400.71	842.19	810.58	127.02	232.15	1215.26	922.71	105.67	187.73	192.98	37.05	39.71	76.92
Owned	692.37	854.70	666.70	462.93	1132.11	1204.55	576.55	421.13	722.19	908.23	4759.68	5040.57	1747.99	1296.45	67.04	0.00	474.98	366.21
Total	1123.69	1354.24	685.64	552.67	1637.67	1605.26	1418.74	1231.71	849.21	1140.38	5974.94	5963.28	1853.66	1484.18	260.02	37.05	514.69	443.13
Machine Labour																		
Hired	1388.58	1866.50	1709.76	1716.14	2474.85	2245.22	2066.18	1492.54	1725.04	1517.98	2449.48	2350.73	54.32	64.04	1506.50	1723.99	1672.26	1274.58
Owned	50.20	0.94	0.00	0.00	38.86	33.32	34.01	58.63	84.22	81.41	131.38	51.39	0.00	50.16	365.44	14.90	227.94	173.89
Total	1438.78	1867.44	1709.76	1716.14	2513.71	2278.54	2100.19	1551.17	1809.26	1599.39	2580.86	2402.12	54.32	114.20	1871.94	1738.89	1900.20	1448.47
Seed	676.74	934.92	996.54	863.57	1048.11	698.94	823.13	702.79	1279.15	1083.73	1377.34	1204.86	1070.01	784.71	1020.64	849.01	839.94	815.55
Fertilisers and Manure																		
Fertilisers	2624.76	1973.72	48.89	73.19	1123.25	1019.86	1526.96	1119.56	629.69	517.67	2401.12	1714.81	0.00	1.14	2007.36	741.61	44.93	26.10
Manure	235.48	53.15	0.00	0.00	1805.53	894.35	75.31	135.62	198.10	334.91	910.11	785.33	155.72	0.00	310.40	785.16	0.00	0.00
Total	2860.24	2026.87	48.89	73.19	2928.78	1914.21	1602.27	1255.18	827.79	852.58	3311.23	2500.14	155.72	1.14	2317.76	1526.77	44.93	26.10
Insecticides	1258.18	997.53	0.00	0.00	271.23	710.69	1621.72	1285.28	675.85	400.27	2260.68	1451.99	0.00	0.00	576.37	432.22	0.00	0.00
Irrigation charges	0.31	188.03	181.59	0.00	988.30	1202.35	26.44	104.14	29.18	18.40	269.45	212.55	0.00	0.00	141.05	211.09	265.76	303.32
Interest on working capital	429.62	424.27	226.90	182.73	422.64	378.24	373.24	288.47	258.06	236.05	781.44	611.93	158.78	122.08	394.00	266.92	210.15	160.97
Miscellaneous	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.75	6.82	23.24	21.00	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost	8732.81	14684.27	10371.13	8232.94	7471.16	8268.08	7463.38	7712.73	7444.96	10290.20	12992.49	15748.27	6769.17	6333.42	5652.15	4943.19	13532.04	14523.78
Rental value of owned land	7053.27	12724.89	9032.94	7074.51	6127.81	6881.44	6255.70	6835.47	5328.58	8391.32	7652.36	10473.89	5329.69	4833.38	3910.31	3549.45	9879.76	8702.29
Rent paid for leased-in land	89.71	9.38	0.00	0.00	384.84	283.29	0.00	0.00	0.00	0.00	57.22	29.42	0.00	0.00	0.00	0.00	55.00	0.00
Land revenue, cesses & taxes	3.40	1.06	35.05	31.91	29.51	29.71	9.83	20.79	8.14	9.39	62.37	72.35	10.93	12.92	18.56	53.27	27.40	29.34
Depreciation on implements & Farm buildings	396.81	233.37	453.75	431.26	201.75	214.12	310.00	246.60	640.98	498.46	1200.16	1101.64	532.97	447.08	254.26	323.42	766.72	886.33
Interest on fixed capital	1189.62	1715.57	849.39	695.26	727.25	859.52	887.85	609.87	1467.26	1391.03	4020.38	4070.97	895.58	1040.04	1469.02	1017.05	2803.16	4905.82
Total Cost	24794.18	30960.04	19292.10	15898.85	23649.18	22927.11	22646.03	19420.00	19131.08	20133.30	44650.40	40308.28	15739.92	12717.51	22668.07	17586.49	24681.41	23644.63
Operational Cost (based on new methodology)	16061.37	16291.94	9667.51	8057.05	17576.69	16560.73	15182.65	11870.72	11696.53	10158.54	31657.91	24560.01	8970.75	6916.42	17015.92	12643.30	11304.00	9138.12
Human Labour (based on new methodology)	8272.85	8498.64	5818.19	4668.75	7766.25	7772.50	7216.92	5451.98	5963.28	4820.92	15078.73	10192.14	5678.26	4410.11	10434.14	7581.35	4528.33	5940.58
Total Cost (based on new methodology)	24794.18	30976.21	20038.64	16289.99	25047.85	24828.81	22646.03	19583.45	19141.49	20448.74	44650.40	40308.28	15739.92	13249.84	22668.07	17586.49	24836.04	23661.90

Table - 4.4 (g)

Moong : Estimates of Cost of Cultivation/Production and related data

	Andhra Pradesh		Karnataka		Maharashtra		Odisha		Rajasthan	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11
Cost of Cultivation per hectare(Rs)										
A1	5540.74	4765.39	6907.58	5724.68	16271.03	12243.06	4534.36	4168.30	4817.42	3324.18
A2	5540.74	4954.33	6907.58	5724.68	16293.64	12356.24	4583.15	4212.68	6163.37	3324.18
A2+FL	7906.38	7351.56	8635.72	6975.16	19206.96	13697.82	7686.21	6776.60	10761.18	6566.81
B1		5384.25	7428.64	6297.38	17786.91	13751.04	5079.67	4733.08	5559.81	4468.01
B2	10421.95	10227.06	9847.21	8708.30	21611.31	17868.96	8456.98	8765.82	9749.66	6354.89
C1	8061.62	7781.48	9156.78	7547.87	20700.23	15092.62	8182.73	7297.01	10157.62	7710.64
C2	12787.60	12624.29	11575.35	9958.79	24524.63	19210.54	11560.04	11329.74	14347.47	9597.52
C2*	12787.60	12624.29	11590.78	10615.11	24524.63	19210.54	11794.54	11635.45	14458.74	9650.17
Yield per hectare (Quintals)	4.15	3.14	2.83	2.55	6.44	6.13	2.99	3.23	4.92	1.66
Value of the main-product per hectare (Rs)	15487.79	16024.03	10851.42	11002.12	22544.87	23763.07	13031.21	15635.35	19377.17	9963.04
Value of the by-product per hectare (Rs)	265.47	8.46	396.57	667.22	283.99	284.36	382.29	424.70	1736.35	1355.94
Implicit price (Rs./qtl)	3732.00	5103.19	3834.42	4314.56	3500.76	3876.52	4358.26	4840.67	3938.45	6001.83
Cost of production per quintal (Rs)										
A1	1348.30	1607.39	2380.33	2170.82	2524.62	1976.63	1477.57	1250.42	1057.27	1804.24
A2	1348.30	1952.12	2380.33	2170.82	2527.97	1994.44	1492.83	1263.55	1170.53	1804.24
A2+FL	7906.38	2340.03	2943.90	2578.96	2945.35	2208.13	2497.37	2042.54	2007.36	3482.02
B1	1391.05	1777.38	2547.72	2398.68	2749.76	2219.31	1647.34	1418.82	1191.02	2424.16
B2	2424.72	3225.62	3345.89	3239.93	3324.02	2878.90	2736.23	2636.72	1841.66	3340.69
C1	1995.96	2565.32	3148.26	2841.83	3187.75	2435.83	2669.10	2197.27	2028.22	4118.87
C2	3029.63	4013.56	3946.43	3683.08	3762.02	3095.42	3758.00	3415.17	2678.85	5035.39
C2*	3029.63	4013.56	3947.72	3933.24	3762.02	3095.42	3834.26	3507.92	2701.74	5051.32
C3	3332.59	4414.92	4342.49	4326.57	4138.22	3404.96	4217.68	3858.71	2971.91	5556.46
Material and labour inputs per hectare										
ITEM (Unit)										
Seeds (kgs.)	20.06	19.89	12.01	9.25	16.56	16.18	29.87	29.57	13.49	12.75
Fertilisers (kgs. of Nutrients)	11.93	32.46	25.93	27.32	87.36	62.54	0.12	0.49	8.26	4.06
Manure (Quintals)	12.61	6.05	1.79	11.48	11.67	7.72	0.08	0.06	5.84	0.69
Human Labour (Man Hours)	169.03	181.18	288.94	285.11	496.64	411.86	318.03	346.55	285.51	245.97
Animal Labour (Pair Hours)	2.69	14.69	35.48	43.20	56.28	60.76	93.95	100.23	2.78	3.04

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue)

and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher

Cost C3 = Cost C2* + 10% of C2* on account of managerial functions performed by farmer

Source : Directorate of Economics & Statistics, Ministry of Agriculture

Table - 4.4 (g-contd..)

Moong : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Karnataka		Maharashtra		Odisha		Rajasthan	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11
Operational Cost	7756.05	7010.40	8488.24	6912.71	18770.66	13123.79	7414.92	6499.54	9179.11	6216.76
Human Labour										
Casual	1365.69	862.98	2734.94	1939.33	5129.36	2960.25	1111.16	938.14	1064.20	547.03
Attached	22.81	6.85	0.00	0.00	209.46	350.66	70.49	90.92	59.69	36.64
Family	2365.64	2397.23	1728.14	1250.48	2913.32	1341.58	3103.06	2563.92	4597.81	3242.63
Total	3754.14	3267.06	4463.08	3189.81	8252.14	4652.49	4284.71	3592.98	5721.70	3826.3
Bullock Labour										
Hired	19.27	15.63	388.52	519.67	341.77	489.35	7.84	5.83	44.83	21.94
Owned	55.75	405.69	848.88	798.06	2971.48	2484.44	1256.10	1176.72	26.23	93.47
Total	75.02	421.32	1237.40	1317.73	3313.25	2973.79	1263.94	1182.55	71.06	115.41
Machine Labour										
Hired	1723.76	1367.68	691.88	311.71	2053.65	1938.89	104.83	123.70	1567.48	1222.63
Owned	15.51	0.00	302.13	41.79	163.82	77.27	8.53	7.90	40.33	214.47
Total	1739.27	1367.68	994.01	353.50	2217.47	2016.16	113.36	131.60	1607.81	1437.1
Seed	1431.44	1119.47	887.32	400.83	1532.96	1204.00	1608.09	1455.91	1144.60	590.05
Fertilisers and Manure										
Fertilisers	182.32	453.35	422.42	434.21	1558.83	960.92	1.57	8.23	134.32	63.75
Manure	379.03	151.25	166.32	1000.85	1121.86	662.02	3.82	2.42	234.61	33.15
Total	561.35	604.60	588.74	1435.06	2680.69	1622.94	5.39	10.65	368.93	96.9
Insecticides	31.35	90.48	112.84	44.20	268.49	184.96	8.76	5.24	98.87	17.8
Irrigation charges	0.00	0.00	0.00	0.00	25.13	112.41	0.00	1.35	7.53	43.07
Interest on working capital	163.35	139.79	204.85	171.58	480.53	357.04	130.67	119.26	138.83	90.13
Miscellaneous	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.78	0
Fixed Cost	5031.55	5613.89	3087.11	3046.08	5753.97	6086.75	4145.12	4830.20	5168.36	3380.76
Rental value of owned land	4725.98	4653.87	2418.57	2410.92	3801.79	4004.74	3328.52	3988.36	2843.91	1886.87
Rent paid for leased-in land	0.00	188.94	0.00	0.00	22.61	113.18	48.79	44.38	1345.94	0
Land revenue, cesses & taxes	2.02	1.45	5.19	3.12	30.24	28.17	8.47	8.17	1.50	3.24
Depreciation on implements & Farm buildings	148.32	150.77	142.29	59.34	383.45	432.68	214.03	224.51	234.63	346.82
Interest on fixed capital	155.23	618.86	521.06	572.70	1515.88	1507.98	545.31	564.78	742.38	1143.83
Total Cost	12787.60	12624.29	11575.35	9958.79	24524.63	19210.54	11560.04	11329.74	14347.47	9597.52
Operational Cost (based on new methodology)	7756.05	7010.40	8503.67	7569.03	18770.66	13123.79	7649.42	6808.25	9290.38	6269.41
Human Labour (based on new methodology)	3754.14	3267.06	4478.51	3846.13	8252.14	4652.49	4519.21	3901.69	5832.97	3878.95
Total Cost (based on new methodology)	12787.60	12624.29	11590.78	10615.11	24524.63	19210.54	11794.54	11635.45	14458.74	9650.17

Table - 4.4 (h)

Urad : Estimates of Cost of Cultivation/Production and related data

	Andhra Pradesh		Chhattisgarh		Madhya Pradesh		Maharashtra		Odisha		Rajasthan		Tamil Nadu		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Cost of Cultivation per hectare(Rs)																
A1	11278.09	12449.24	5530.90	8857.31	8122.42	6971.64	14303.60	11549.10	4675.85	4006.10	5466.80	4609.87	12214.24	7497.37	5446.70	6025.29
A2	11978.31	13373.90	5530.90	8857.31	8122.42	6971.64	14362.14	11549.10	4675.85	4006.10	5466.80	4609.87	10344.76	7797.31	5569.07	6044.83
A2+FL	12878.99	14304.82	7807.55	10329.72	12200.54	10597.42	16339.25	13487.17	8087.51	6736.84	11407.10	8517.21	12005.77	9179.84	9443.88	8192.58
B1	11571.57	12831.96	5785.98	9189.19	8510.34	7274.05	15951.65	13565.46	5173.02	4622.77	6480.39	5216.30	11247.11	8173.05	6102.06	7041.22
B2	19754.01	24627.40	10498.78	12109.58	15123.93	11473.98	20061.15	16618.75	9541.60	8912.92	10413.39	7561.99	15761.13	11847.75	10585.78	10610.10
C1	12472.25	13762.89	8062.63	10661.60	12588.46	10899.83	17928.76	15503.54	8584.68	7353.51	12420.69	9123.64	12908.12	9555.58	9976.86	9188.96
C2	20654.69	25558.33	12775.43	13581.99	19202.05	15099.76	22038.26	18556.83	12953.26	11643.66	16353.69	11469.33	17422.14	13230.27	14460.58	12757.84
C2*	20736.28	25829.22	12950.80	13581.99	19202.05	15099.76	22512.47	18556.83	13294.95	11964.01	16353.69	12053.86	17422.14	13230.27	14460.58	12960.87
Yield per hectare (Quintals)	5.23	8.84	5.18	3.29	7.96	5.12	6.80	3.87	3.95	4.16	4.52	2.49	5.11	4.21	5.12	3.30
Value of the main-product per hectare (Rs)	26308.20	39097.21	17124.83	11353.77	25585.63	16161.41	24077.37	18073.25	16928.36	16482.99	21159.72	12981.16	23353.25	19759.74	18102.02	13913.81
Value of the by-product per hectare (Rs)	33.00	64.48	1726.38	327.79	868.73	638.31	306.18	242.86	545.95	677.61	2433.56	1090.17	393.83	252.00	458.76	296.04
Implicit price (Rs./qtl)	5030.25	4422.76	3305.95	3450.99	3214.28	3156.53	3540.79	4670.09	4285.66	3962.26	4681.35	5213.32	4570.11	4693.52	3535.55	4216.31
Cost of production per quintal (Rs)																
A1	2065.55	1372.59	969.62	2614.95	1011.34	1314.45	2040.66	2961.60	1154.45	936.85	1010.85	1730.56	1887.15	1787.21	1052.11	1955.08
A2	2165.83	1466.85	969.62	2614.95	1011.34	1314.45	2048.91	2961.60	1154.45	936.85	1010.85	1730.56	1908.82	1853.74	1069.85	1959.18
A2+FL	2459.44	1615.53	1369.22	3051.63	1482.40	1991.17	2372.66	3438.85	1983.50	1555.49	2263.38	3155.56	2310.50	2153.03	1798.92	2430.88
B1	2178.41	1432.12	1014.33	2712.94	1063.83	1371.30	3269.60	3519.43	1279.19	1080.54	1192.66	1953.15	2097.62	1932.13	1172.73	2241.33
B2	3540.38	2709.48	1840.53	3575.13	1848.80	2133.39	3596.56	4202.47	2325.28	2047.66	1813.68	2828.81	2993.01	2795.14	1975.84	3162.14
C1	2578.84	1607.23	1413.45	3147.64	1548.80	2074.75	3269.60	4041.83	2127.54	1719.88	2422.92	3364.46	2455.40	2235.18	1950.16	2869.70
C2	3940.82	2884.59	2239.65	4009.83	2333.78	2836.84	3596.56	4724.87	3173.64	2687.00	3043.94	4240.11	3350.79	3098.18	2753.27	3790.51
C2*	3958.64	2915.95	2271.19	4009.83	2333.78	2836.84	3269.60	4724.87	3259.15	2763.83	3043.94	4459.21	3350.79	3098.18	2753.27	3848.30
C3	4354.50	3207.54	2498.31	4410.81	2567.16	3120.52	3596.56	5197.36	3585.07	3040.21	3348.33	4905.13	3685.87	3408.00	3028.60	4233.13
Material and labour inputs per hectare																
ITEM																
UNIT																
Seeds (kgs.)	32.38	39.73	25.42	25.01	24.74	24.43	16.05	16.90	33.75	33.90	26.93	27.29	24.96	25.87	17.59	16.59
Fertilisers (kgs. of Nutrients)	6.79	2.96	2.32	37.84	37.10	27.84	48.80	71.10	5.08	3.15	5.49	9.13	34.88	24.62	2.25	5.69
Manure (Quintals)	0.00	0.00	0.00	0.00	4.08	4.13	14.47	4.70	1.74	1.45	1.94	0.00	3.13	0.01	0.00	0.00
Human Labour (Man Hours)	202.80	274.14	224.94	380.32	336.70	362.78	498.92	473.10	366.75	363.00	373.83	332.28	277.93	257.03	267.39	307.43
Animal Labour (Pair Hours)	2.01	3.95	36.03	23.78	18.18	29.01	46.64	64.62	72.29	73.13	5.59	2.25	2.31	1.70	4.94	11.27

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (h-contd..)

Urad : Break- up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Chhattisgarh		Madhya Pradesh		Maharashtra		Odisha		Rajasthan		Tamil Nadu		Uttar Pradesh	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operational Cost	11944.18	13205.77	7500.03	10106.62	12036.54	10446.33	15785.27	12859.55	7874.67	6460.76	11131.49	8350.37	11693.70	8637.73	9058.86	7912.16
Human Labour																
Casual	4812.15	5805.02	1054.79	3105.43	924.45	1121.24	4090.97	2480.43	1272.40	939.02	790.69	1507.30	4890.81	3190.47	1344.48	1479.11
Attached	3.63	8.41	0.00	201.76	0.00	31.75	238.03	142.17	178.43	93.64	0.00	1.81	71.54	61.59	11.47	12.99
Family	900.68	930.92	2276.65	1472.41	4078.12	3625.78	1977.11	1938.07	3411.66	2730.74	5940.30	3907.34	1661.01	1382.53	3874.81	2147.75
Total	5716.46	6744.35	3331.44	4779.60	5002.57	4778.77	6306.11	4560.67	4862.49	3763.40	6730.99	5416.45	6623.36	4634.59	5230.76	3639.85
Bullock Labour																
Hired	1.77	4.43	77.14	227.88	57.39	198.92	297.13	678.07	33.62	45.62	222.86	45.46	10.16	2.46	46.73	59.69
Owned	79.39	181.48	1102.78	308.35	738.08	609.55	2365.90	3035.26	959.70	857.94	17.50	51.95	65.27	64.05	440.64	692.54
Total	81.16	185.91	1179.92	536.23	795.47	808.47	2663.03	3713.33	993.32	903.56	240.36	97.41	75.43	66.51	487.37	752.23
Machine Labour																
Hired	1048.92	1119.49	1534.96	2868.90	3298.58	2670.67	2506.16	1787.65	55.98	123.01	1704.60	1720.79	1402.18	1163.44	1729.77	1830.10
Owned	119.02	2.01	0.00	0.00	34.36	31.90	202.94	23.76	0.65	0.28	45.64	53.00	13.57	89.13	110.62	68.94
Total	1167.94	1121.50	1534.96	2868.90	3332.94	2702.57	2709.10	1811.41	56.63	123.29	1750.24	1773.79	1415.75	1252.57	1840.39	1899.04
Seed	2721.30	2327.77	1256.00	1042.00	1386.71	1041.68	1383.30	860.40	1574.42	1362.02	2030.74	788.92	1935.36	1630.66	1082.14	776.97
Fertilisers and Manure																
Fertilisers	109.27	46.72	39.43	618.00	598.17	456.88	915.68	945.92	78.29	51.16	77.88	139.16	410.02	402.16	28.72	64.50
Manure	0.00	0.00	0.00	0.00	275.25	299.07	1115.37	435.24	82.11	60.83	135.98	0.00	176.30	2.37	0.00	0.00
Total	109.27	46.72	39.43	618.00	873.42	755.95	2031.05	1381.16	160.40	111.99	213.86	139.16	586.32	404.53	28.72	64.50
Insecticides	1731.93	2402.98	0.00	0.00	206.49	145.48	273.33	188.71	92.16	81.89	7.99	0.00	471.69	198.18	175.84	549.81
Irrigation charges	2.72	3.74	0.00	0.00	188.08	0.00	0.92	12.91	0.00	1.58	0.00	0.00	281.77	218.94	56.55	55.08
Interest on working capital	334.65	371.96	158.28	261.64	241.16	206.68	418.43	330.96	135.25	113.03	157.31	134.64	304.02	219.85	157.09	174.68
Miscellaneous	78.75	0.84	0.00	0.00	9.70	6.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.90	0.00	0.00
Fixed Cost	8710.51	12352.56	5275.40	3475.37	7165.51	4653.43	6252.99	5697.28	5078.59	5182.90	5222.20	3118.96	5728.44	4592.54	5401.72	4845.68
Rental value of owned land	7482.23	10870.78	4712.80	2920.39	6613.59	4199.93	4050.96	3053.30	4368.58	4290.15	3933.00	2345.69	4383.49	3374.75	4361.35	3549.35
Rent paid for leased-in land	700.22	924.66	0.00	0.00	0.00	0.00	58.54	0.00	0.00	0.00	0.00	0.00	130.53	299.94	122.37	19.53
Land revenue, cesses & taxes	0.10	0.00	5.18	3.97	3.01	2.55	31.85	21.84	10.61	10.44	4.30	9.53	7.72	76.52	5.98	8.19
Depreciation on implements & Farm buildings	234.48	174.40	302.33	219.13	160.99	148.54	463.59	605.78	202.23	265.64	271.31	157.31	173.83	165.64	256.67	252.69
Interest on fixed capital	293.48	382.72	255.09	331.88	387.92	302.41	1648.05	2016.36	497.17	616.67	1013.59	606.43	1032.87	675.69	655.35	1015.92
Total Cost	20654.69	25558.33	12775.43	13581.99	19202.05	15099.76	22038.26	18556.83	12953.26	11643.66	16353.69	11469.33	17422.14	13230.27	14460.58	12757.84
Operational Cost (based on new methodology)	12025.77	13476.66	7675.40	10106.62	12036.54	10446.33	16259.48	12859.55	8216.36	6781.11	11131.49	6781.11	11693.70	8637.73	9058.86	8115.19
Human Labour (based on new methodology)	5798.05	7015.24	3506.81	4779.00	5002.57	4778.77	6777.32	4560.67	5204.18	4083.75	6730.99	6000.98	6623.36	4634.59	5230.76	3842.88
Total Cost (based on new methodology)	20736.28	25829.22	12950.80	13581.99	19202.05	15099.76	22512.47	18556.83	13294.95	11964.01	16353.69	12053.86	17422.14	13230.27	14460.58	12960.57

Table - 4.4 (i)

Groundnut : Estimates of Cost of Cultivation/Production and related data

1	Andhra Pradesh		Gujarat		Karnataka		Maharashtra		Odisha		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	2	3	4	5	6	7	8	9	10	11	12	13
Cost of Cultivation per hectare(Rs)												
A1	29003.98	19025.38	20873.69	19765.45	14114.36	10888.75	23893.68	19737.72	14187.77	13727.81	21221.14	17566.04
A2	29024.93	20244.03	21067.74	19811.13	14114.36	10888.75	23893.68	19737.72	14187.77	13727.81	21221.14	17566.04
A2+FL	34822.15	24771.12	24913.47	23652.41	17307.36	13947.36	29548.34	23563.94	22654.07	21403.65	30103.17	25244.64
B1	30227.64	20950.81	22037.09	21535.69	15426.12	11998.55	26157.26	21936.12	14972.15	14646.18	23611.03	20433.11
B2	46825.17	31172.25	30061.90	27211.72	20181.31	15988.27	35793.84	28589.24	24408.54	22915.76	29367.57	25434.10
C1	36024.86	25477.90	25882.82	25376.97	18619.12	15057.16	31811.93	25762.34	23438.46	22322.02	32493.06	28111.71
C2	52622.39	35699.44	33907.63	31053.00	23374.30	19046.88	41448.50	32685.46	32874.84	30591.60	38249.59	33112.70
C2*	52622.39	35713.19	33907.63	31116.68	23674.35	19949.69	41448.50	32685.46	33064.69	31172.56	38249.59	33112.70
Yield per hectare (Quintals)	19.53	13.27	14.32	9.94	5.12	7.08	18.06	17.65	12.39	11.33	13.60	11.47
Value of the main-product per hectare (Rs)	52635.59	30683.56	41848.76	27612.88	20587.77	18358.51	55147.82	39180.58	36701.88	31894.51	34101.36	28129.65
Value of the by-product per hectare (Rs)	2661.29	1763.54	6713.79	6540.74	1447.05	982.58	2660.11	2349.86	1043.66	1183.79	2228.21	2093.85
Implicit price (Rs./qtl)	2695.11	2312.25	2922.40	2777.96	4021.05	2593.01	3053.59	2219.86	2962.22	2815.05	2507.45	2452.45
Cost of production per quintal (Rs)												
A1	1413.60	1354.76	1257.04	1600.84	2651.99	1426.63	1298.98	1079.55	1143.04	1181.94	1463.85	1419.60
A2	1414.63	1435.60	1266.87	1604.20	2651.99	1426.63	1298.98	1079.55	1143.04	1181.94	1463.85	1419.60
A2+FL	1697.20	1765.24	1499.24	1923.82	3158.35	1869.89	1560.83	1259.53	1777.86	1821.51	2077.71	2048.45
B1	1473.24	1491.59	1326.62	1740.37	2883.92	1570.68	1407.40	1182.35	1205.57	1265.19	1632.09	1658.11
B2	2282.18	2232.45	1805.95	2179.07	3515.30	2114.04	1898.23	1562.17	1910.44	1938.20	2029.23	2065.85
C1	1755.79	1796.17	1556.72	2050.90	3541.50	2008.00	1697.49	1373.54	1876.44	1934.67	2234.78	2265.18
C2	2564.73	2537.04	2036.06	2489.61	4172.88	2551.35	2188.33	1753.36	2581.30	2607.68	2631.91	2672.92
C2*	2564.73	2537.04	2036.06	2493.61	4224.35	2671.00	2188.33	1753.36	2597.04	2656.87	2631.91	2672.92
C3	2821.20	2791.30	2239.67	2742.97	4646.78	2938.10	2407.16	1928.70	2856.74	2922.55	2895.10	2940.21
Material and labour inputs per hectare												
ITEM UNIT												
Seeds (kgs.)	125.90	118.40	122.57	119.09	99.96	92.84	91.14	95.58	132.64	133.46	124.33	130.59
Fertilisers (kgs. of Nutrients)	150.49	87.97	98.73	105.70	80.51	49.50	97.80	98.09	84.33	79.49	65.96	76.60
Manure (Quintals)	9.35	11.09	36.38	31.18	2.83	6.75	30.66	10.34	2.99	4.91	31.14	33.28
Human Labour (Man Hours)	959.30	657.80	543.44	540.87	521.26	490.95	899.84	908.14	1040.78	1073.67	687.01	631.48
Animal Labour (Pair Hours)	65.11	56.11	53.28	58.82	37.53	54.32	56.49	67.12	161.10	159.80	49.83	37.03

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (i-contd..)

Groundnut : Break- up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Gujarat		Karnataka		Maharashtra		Odisha		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	1	2	3	4	5	6	7	8	9	10	11	12
Operational Cost	34565.00	23214.43	24563.71	23400.94	17112.38	13699.43	28859.59	23132.38	22271.56	20895.28	29699.99	24771.83
Human Labour												
Casual	12153.00	6812.31	3415.46	2782.64	4275.80	2583.67	6773.99	4559.91	4527.21	3783.99	7246.64	5152.63
Attached	0.00	224.13	20.70	73.28	13.56	77.83	156.08	799.43	13.73	38.00	93.56	51.20
Family	5797.22	4527.09	3845.73	3841.28	3193.00	3058.61	5654.66	3826.22	8466.30	7675.84	8882.03	7678.60
Total	17950.22	11563.53	7281.89	6697.20	7482.36	5720.11	12584.73	9185.56	13007.24	11497.83	16222.23	12882.43
Bullock Labour												
Hired	1719.24	902.59	872.90	770.35	821.99	468.83	1184.10	892.83	258.92	212.56	223.76	163.70
Owned	311.41	509.24	2411.44	2557.80	552.19	1191.29	2710.34	3413.95	1865.67	2017.57	1126.30	849.47
Total	2030.65	1411.83	3284.34	3328.15	1374.18	1660.12	3894.44	4306.78	2124.59	2230.13	1350.06	1013.17
Machine Labour												
Hired	1776.61	1342.39	2097.61	1913.87	530.49	472.98	2207.26	1417.89	672.63	875.78	1670.76	1493.37
Owned	17.67	0.19	140.22	219.74	595.28	140.34	99.08	802.62	1.47	1.51	41.12	14.32
Total	1794.28	1342.58	2237.83	2133.61	1125.77	613.32	2306.34	2220.51	674.10	877.29	1711.88	1507.69
Seed	7372.40	5718.65	6698.52	5932.03	5050.11	3859.11	4446.37	3859.63	4070.83	4008.57	5961.85	5241.92
Fertilisers and Manure												
Fertilisers	2268.89	1329.80	1574.98	1515.25	1312.18	772.73	1536.51	1401.57	1379.11	1379.11	1194.46	1160.33
Manure	446.57	344.16	1288.55	1009.00	204.74	501.81	2615.46	845.07	139.13	139.13	1739.97	1533.58
Total	2715.46	1673.96	2863.53	2524.25	1516.92	1274.54	4151.97	2246.64	1518.24	1518.24	2934.43	2693.91
Insecticides	849.10	373.09	960.34	931.98	41.15	23.68	8.53	6.63	0.00	0.00	231.64	182.42
Irrigation charges	970.44	561.39	609.44	1261.00	100.09	226.10	764.04	721.59	458.21	458.21	657.05	675.95
Interest on working capital	10.70	566.28	627.82	592.72	421.80	322.45	703.17	585.04	418.35	418.35	630.85	517.98
Miscellaneous	871.75	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.36
Fixed Cost	18057.39	12485.01	9343.92	7652.06	6261.92	5347.45	12588.91	9553.08	10603.28	9696.32	8549.60	8340.87
Rental value of owned land	16576.58	9002.90	7830.75	5630.35	4755.19	3989.72	9636.58	6923.12	9436.38	8269.58	5756.54	5000.99
Rent paid for leased-in land	20.96	1218.64	194.05	45.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land revenue, cesses & taxes	0.36	0.15	6.58	9.50	32.10	9.18	25.82	27.04	11.94	12.52	10.27	46.55
Depreciation on implements & Farm buildings	235.83	337.89	149.13	196.29	162.87	238.76	662.92	404.53	370.58	495.85	392.90	426.25
Interest on fixed capital	1223.66	1925.43	1163.41	1770.24	1311.76	1109.79	2263.59	2198.39	784.38	918.37	2389.89	2867.08
Total Cost	52622.39	35699.44	33907.63	31053.00	23374.30	19046.88	41448.50	32685.46	32874.84	30591.60	38249.59	33112.70
Operational Cost (based on new methodology)	34565.00	23228.18	24563.71	23464.62	17412.43	14602.24	28859.59	23132.38	22461.41	21476.24	29699.99	24771.83
Human Labour (based on new methodology)	17950.22	11577.28	7281.89	6760.88	7782.41	6622.92	12584.73	9185.56	13197.09	12078.79	16222.23	12882.43
Total Cost (based on new methodology)	52622.39	35713.19	33907.63	31116.68	23674.35	19949.69	41448.50	32685.46	33064.69	31172.56	38249.59	33112.70

Table - 4.4 (j)

Soyabean : Estimates of Cost of Cultivation/Production and related data

1	Madhya Pradesh		Maharashtra		Rajasthan		
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	
	2	3	4	5	6	7	
Cost of Cultivation per hectare(Rs)							
A1	11282.46	10728.46	17723.48	16991.51	8125.02	10869.25	
A2	11282.46	10728.46	17851.53	17234.19	8125.02	10869.25	
A2+FL	14050.21	13432.23	20383.72	19130.11	12772.56	12631.27	
B1	11990.83	11532.72	19258.33	18876.29	11048.27	12510.02	
B2	19900.35	18781.96	24022.22	23220.96	14434.69	15409.95	
C1	14758.58	14236.49	21790.53	20772.21	15695.81	14272.04	
C2	22668.10	21485.73	26554.41	25116.88	19082.23	17171.97	
C2*	22668.10	21506.49	26554.41	25116.88	19519.55	17276.71	
Yield per hectare (Quintals)	15.40	14.09	14.07	11.02	8.38	7.79	
Value of the main-product per hectare (Rs)	30046.03	27494.83	27642.83	24372.17	18412.58	16129.25	
Value of the by-product per hectare (Rs)	1592.05	1502.14	604.15	684.68	1901.88	1884.98	
Implicit price (Rs./qtl)	1951.04	1951.37	1964.66	2211.63	2197.21	2070.51	
Cost of production per quintal (Rs)							
A1	700.62	720.37	1251.35	1498.76	933.20	1244.58	
A2	700.62	720.37	1255.91	1519.89	933.20	1244.58	
A2+FL	866.44	903.93	1417.75	1688.51	1381.48	1451.80	
B1	744.39	774.24	1353.39	1666.42	1238.55	1432.52	
B2	1224.97	1261.87	1678.33	2044.91	1574.05	1765.29	
C1	916.29	956.29	1521.39	1837.56	1730.17	1639.97	
C2	1396.87	1443.92	1846.33	2216.05	2065.68	1972.73	
C2*	1396.87	1445.30	1846.33	2216.05	2113.56	1985.83	
C3	1536.56	1589.83	2030.96	2437.66	2324.91	2184.41	
Material and labour inputs per hectare							
ITEM	UNIT						
Seeds (kgs.)		87.39	87.12	79.58	75.62	87.06	91.09
Fertilisers (kgs. of Nutrients)		41.31	42.41	80.62	79.28	10.54	2.45
Manure (Quintals)		5.92	6.08	7.89	10.39	6.64	0.00
Human Labour (Man Hours)		283.37	327.57	447.03	499.41	406.95	349.96
Animal Labour (Pair Hours)		28.69	34.20	70.50	77.11	7.92	5.87

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (j-contd..)

Soyabean : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Madhya Pradesh		Maharashtra		Rajasthan	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7
Operational Cost	13704.54	13061.87	19780.01	18342.16	12463.63	12427.64
Human Labour						
Casual	2014.71	1983.08	4132.02	3544.35	2130.94	3154.37
Attached	82.86	88.01	198.13	262.01	40.12	161.78
Family	2767.75	2703.77	2532.19	1895.92	4647.54	1762.02
Total	4865.32	4774.86	6862.34	5702.28	6818.60	5078.17
Bullock Labour						
Hired	278.23	226.47	819.34	832.61	10.36	96.94
Owned	785.99	906.15	2988.16	3483.75	150.30	106.15
Total	1064.22	1132.62	3807.50	4316.36	160.66	203.09
Machine Labour						
Hired	2820.59	2339.02	3132.61	2335.08	1888.00	2179.93
Owned	152.86	195.11	99.17	116.76	51.99	147.82
Total	2973.45	2534.13	3231.78	2451.84	1939.99	2327.75
Seed	2221.78	2396.53	2556.38	2608.01	2675.16	3220.85
Fertilisers and Manure						
Fertilisers	674.47	651.43	1446.54	1289.41	146.74	31.25
Manure	547.53	509.87	688.71	806.69	372.38	0.00
Total	1222.00	1161.30	2135.25	2096.10	519.12	31.25
Insecticides	1008.52	730.65	643.00	573.15	107.82	983.36
Irrigation charges	0.00	0.00	18.08	90.01	5.43	259.97
Interest on working capital	331.42	313.88	3.02	498.37	236.85	323.20
Miscellaneous	17.83	17.90	522.66	6.04	0.00	0.00
Fixed Cost	8963.56	8423.86	6774.40	6774.72	6618.60	4744.33
Rental value of owned land	7909.52	7249.24	4635.84	4101.98	3386.42	2899.93
Rent paid for leased-in land	0.00	0.00	128.05	242.68	0.00	0.00
Land revenue, cesses & taxes	3.82	3.88	26.73	25.43	7.14	11.30
Depreciation on implements & Farm buildings	341.86	366.48	448.93	519.85	301.79	192.33
Interest on fixed capital	708.36	804.26	1534.85	1884.78	2923.25	1640.00
Total Cost	22668.10	21485.73	26554.41	25116.88	19082.23	17171.97
Operational Cost (based on new methodology)	13704.54	13082.63	19780.01	18242.16	12899.95	12532.38
Human Labour (based on new methodology)	4865.32	4795.62	6862.34	5702.28	7254.92	5182.91
Total Cost (based on new methodology)	22668.10	21506.49	26554.41	25116.88	19519.55	17276.71

Table - 4.4 (k)

Sunflower : Estimates of Cost of Cultivation/Production and related data

1	Andhra Pradesh		Karnataka		Maharashtra	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
	2	3	4	5	6	7
Cost of Cultivation per hectare(Rs)						
A1	15796.01	13167.41	9194.47	6841.09	13262.42	11607.59
A2	15796.01	13167.41	9194.47	6841.09	13262.42	11988.81
A2+FL	17974.91	16301.68	10546.85	7950.83	15870.11	13503.52
B1	16595.48	14189.46	9508.52	7454.97	14299.32	14005.49
B2	22953.72	20338.62	12564.43	9134.43	18130.53	17260.59
C1	18774.38	17323.73	10860.90	8564.70	16907.00	15520.20
C2	25132.62	23472.89	13916.81	10244.17	20738.21	18775.31
C2*	25287.37	23472.89	14252.58	11048.47	21203.50	18775.31
Yield per hectare (Quintals)	8.11	9.74	5.27	3.47	9.33	9.42
Value of the main-product per hectare (Rs)	21095.10	20333.77	13834.03	7289.77	22774.68	19194.32
Value of the by-product per hectare (Rs)	99.03	163.42	256.53	177.00	207.99	487.65
Implicit price (Rs./qtl)	2601.12	2087.66	2625.05	2100.80	2441.02	2037.61
Cost of production per quintal (Rs)						
A1	1906.43	1342.60	1732.64	1908.95	1421.47	1217.57
A2	1906.43	1342.60	1732.64	1908.95	1421.47	1259.68
A2+FL	2206.03	1660.34	1964.86	2236.99	1685.58	1397.98
B1	1998.88	1447.19	1791.54	2109.23	1530.53	1477.50
B2	2783.85	2075.11	2331.18	2576.16	1925.15	1809.77
C1	2301.31	1765.67	2052.42	2420.24	1805.81	1623.19
C2	3086.28	2393.59	2592.05	2887.17	2200.43	1955.46
C2*	3103.40	2393.59	2654.33	3110.19	2248.89	1955.46
C3	3413.74	2632.95	2919.76	3421.21	2473.78	2151.01
Material and labour inputs per hectare						
ITEM (Unit)						
Seeds (kgs.)	4.91	5.18	5.84	5.77	9.37	9.09
Fertilisers (kgs. of Nutrients)	105.38	123.94	58.68	54.08	69.80	51.14
Manure (Quintals)	1.26	9.41	0.37	3.95	3.34	2.99
Human Labour (Man Hours)	442.21	495.11	309.50	265.61	435.76	359.92
Animal Labour (Pair Hours)	65.07	15.09	55.45	44.07	102.77	90.10

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (k-contd..)

Sunflower : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Karnataka		Maharashtra	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7
Operational Cost	17634.49	16056.78	10425.29	7715.17	15560.31	12757.52
Human Labour						
Casual	6025.66	5066.44	2932.69	1665.16	2848.86	2534.24
Attached	312.43	42.21	0.00	3.88	0.00	151.62
Family	2178.90	3134.27	1352.38	1109.74	2607.69	1514.71
Total	8516.99	8242.92	4285.07	2778.78	5456.55	4200.57
Bullock Labour						
Hired	2345.15	375.40	861.83	796.60	517.56	429.35
Owned	339.02	107.44	1197.25	620.49	4496.57	3869.12
Total	2684.17	482.84	2059.08	1417.09	5014.13	4298.47
Machine Labour						
Hired	1603.03	1691.95	1277.89	928.71	440.69	1110.75
Owned	4.30	0.00	19.27	15.17	0.00	73.16
Total	1607.33	1691.95	1297.16	943.88	440.69	1183.91
Seed	1670.47	1388.80	1270.92	1312.95	2164.35	1568.70
Fertilisers and Manure						
Fertilisers	1804.86	1667.65	1021.89	771.56	1193.82	740.19
Manure	82.69	385.05	36.97	209.05	667.82	234.00
Total	1887.55	2052.70	1058.86	980.61	1861.64	974.19
Insecticides	588.96	831.77	152.34	21.38	0.00	15.88
Irrigation charges	203.78	974.21	26.92	60.32	230.45	175.10
Interest on working capital	468.35	391.59	274.94	200.16	392.50	340.70
Miscellaneous	6.89	0.00	0.00	0.00	0.00	0.00
Fixed Cost	7498.13	7416.11	3491.52	2529.00	5177.90	6017.79
Rental value of owned land	6358.24	6149.16	3055.91	1679.47	3831.21	2873.89
Rent paid for leased-in land	0.00	0.00	0.00	0.00	0.00	381.22
Land revenue, cesses & taxes	1.30	0.37	12.61	10.53	18.27	42.37
Depreciation on implements & Farm buildings	339.12	244.53	108.95	225.12	291.52	322.42
Interest on fixed capital	799.47	1022.05	314.05	613.88	1036.90	2397.89
Total Cost	25132.62	23472.89	13916.81	10244.17	20738.21	18775.31
Operational Cost (based on new methodology)	17789.24	16056.78	10761.06	8519.47	16025.60	12757.52
Human Labour (based on new methodology)	8671.74	8242.92	4620.84	3583.08	5921.84	4200.57
Total Cost (based on new methodology)	25287.37	23472.89	14252.58	11048.47	21203.50	18775.31

Table - 4.4 (I)

Sesamum : Estimates of Cost of Cultivation/Production and related data

	Gujarat		Odisha		Rajasthan		Tamil Nadu		West Bengal	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11
Cost of Cultivation per hectare(Rs)										
A1	9647.68	9453.99	5305.85	4578.49	2549.01	2283.31	7779.48	9465.97	10186.07	8685.73
A2	10063.73	6554.55	5305.85	4578.49	2622.35	2283.31	7779.48	9468.08	10228.43	8810.50
A2+FL	13988.78	9096.79	9451.44	7398.10	6377.36	6459.91	13024.11	12553.31	16128.40	13003.79
B1	10439.03	10686.32	6146.93	5437.87	3473.17	3288.44	9153.79	11412.33	10555.70	9138.63
B2	14299.45	13969.10	9129.05	8939.67	6153.21	5982.75	14178.98	17035.21	17380.97	14347.43
C1	14364.08	13228.57	10292.52	8257.48	7228.18	7465.04	14398.42	14497.55	16455.67	13331.92
C2	18224.51	16511.35	13274.65	11759.28	9908.21	10159.35	19423.61	20120.44	23280.94	18540.52
C2*	18224.51	17574.80	13725.93	12364.08	10192.24	10370.65	19423.61	20120.44	23381.05	18887.52
Yield per hectare (Quintals)	3.80	3.13	3.09	3.24	2.81	2.64	4.73	4.95	8.27	7.56
Value of the main-product per hectare (Rs)	22795.82	19582.95	11623.34	13618.57	15478.41	15600.65	19037.70	22422.63	26453.99	20115.52
Value of the by-product per hectare (Rs)	171.80	138.40	305.14	388.61	426.02	561.98	89.90	49.55	847.10	799.21
Implicit price (Rs./qtl)	5998.90	6256.53	3761.60	4203.26	5508.33	5909.34	4024.88	4529.82	3198.79	2660.78
Cost of production per quintal (Rs)										
A1	2617.25	2999.87	1677.62	1376.26	793.47	901.51	1569.40	1893.19	1198.05	1103.21
A2	2710.25	3024.10	1677.62	1376.26	823.69	901.51	1569.40	1893.44	1203.14	1116.20
A2+FL	3653.72	2885.93	2980.47	2220.02	2208.73	2361.85	2740.57	2530.43	1889.72	1654.35
B1	2824.15	3431.73	1940.88	1631.56	1107.23	1327.43	1869.88	2323.81	1242.34	1156.88
B2	3741.77	4415.44	2875.71	2690.56	1971.73	2248.14	2927.46	3419.80	2023.38	1807.80
C1	3830.84	4250.51	3249.46	2466.14	2557.64	2796.67	3027.86	2955.90	1941.92	1707.60
C2	4748.47	5234.22	4184.29	3525.14	3422.13	3717.38	4085.44	4051.90	2722.96	2358.51
C2*	4748.47	5571.20	4323.82	3702.29	3522.98	3787.65	4085.44	4051.90	2736.08	2403.49
C3	5223.32	6128.32	4756.21	4072.52	3875.28	4166.42	4493.98	4457.09	3009.69	2643.84
Material and labour inputs per hectare										
ITEM	UNIT									
Seeds (kgs.)	2.83	2.95	10.75	10.04	4.73	4.46	7.59	7.76	8.42	7.95
Fertilisers (kgs. of Nutrients)	109.51	89.68	11.55	12.64	4.34	6.63	42.53	62.99	40.68	42.56
Manure (Quintals)	23.77	6.39	0.00	0.00	0.52	1.37	0.00	0.21	2.87	0.19
Human Labour (Man Hours)	481.70	469.67	188.18	440.75	259.97	261.32	393.69	427.42	695.61	654.91
Animal Labour (Pair Hours)	22.92	30.05	132.55	140.85	3.79	2.50	3.24	9.12	42.52	61.15

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (I-contd..)

Sesamum : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Gujarat		Odisha		Rajasthan		Tamil Nadu		West Bengal	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11
Operational Cost	13274.63	11682.43	9109.12	7049.08	6036.58	6011.42	12633.49	12173.77	15922.13	12588.25
Human Labour										
Casual	2265.23	2265.19	1219.94	821.06	389.47	162.18	4050.87	4971.49	4997.39	3617.54
Attached	0.00	0.00	602.76	712.97	102.77	7.34	33.34	144.93	2.58	2.33
Family	3925.05	2542.24	4145.59	2819.61	3755.01	4176.60	5244.63	3085.23	5899.97	4193.29
Total	6190.28	4807.43	5968.29	4353.64	4247.25	4346.12	9328.84	8201.65	10899.94	7813.16
Bullock Labour										
Hired	770.41	702.17	8.49	6.33	36.38	4.95	5.98	128.38	270.53	264.37
Owned	789.97	964.78	2116.22	1765.04	20.71	114.15	111.59	162.45	773.00	1100.25
Total	1560.38	1666.95	2124.71	1771.37	57.09	119.10	117.57	290.83	1043.53	1364.62
Machine Labour										
Hired	1267.03	1020.65	167.10	202.18	1026.77	758.47	1483.78	1290.09	1541.09	1006.22
Owned	102.15	85.06	11.99	14.34	62.76	124.07	73.70	86.83	22.05	1.85
Total	1369.18	1105.71	179.09	216.52	1089.53	882.54	1557.48	1376.92	1563.14	1008.07
Seed	460.59	413.55	519.79	403.51	462.82	354.54	511.97	452.88	479.24	323.35
Fertilisers and Manure										
Fertilisers	1607.49	1197.90	166.83	148.92	60.49	97.14	616.71	848.17	752.48	671.17
Manure	1167.80	184.12	0.00	0.00	28.66	68.70	0.00	23.61	118.47	5.69
Total	2775.29	1382.02	166.83	148.92	89.15	165.84	616.71	871.78	870.95	676.86
Insecticides	465.58	564.08	0.00	0.00	19.15	7.13	143.85	222.63	144.01	166.90
Irrigation charges	170.01	1465.71	0.00	26.95	2.45	80.55	133.17	481.67	616.63	980.90
Interest on working capital	283.32	276.98	150.41	128.17	69.14	55.60	223.90	275.41	303.70	254.39
Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00
Fixed Cost	4949.88	4828.92	4165.53	4710.20	3871.63	4147.93	6790.12	7946.67	7358.81	5952.47
Rental value of owned land	3444.37	3182.22	2982.12	3501.80	2606.69	2694.31	5025.19	5620.78	6782.91	5084.04
Rent paid for leased-in land	416.06	100.56	0.00	0.00	73.34	0.00	0.00	2.10	42.36	124.76
Land revenue, cesses & taxes	4.24	5.14	14.43	13.36	6.73	7.34	11.74	66.48	16.40	24.11
Depreciation on implements & Farm buildings	293.86	308.67	327.90	335.65	260.71	441.16	378.87	310.96	147.51	266.66
Interest on fixed capital	791.35	1232.33	841.08	859.39	924.16	1005.12	1374.32	1946.35	369.63	452.90
Total Cost	18224.51	16511.35	13274.65	11759.28	9908.21	10159.35	19423.61	20120.44	23280.94	18540.72
Operational Cost (based on new methodology)	13274.63	12745.88	9560.40	7653.88	6320.61	6222.72	12633.49	12173.77	16022.24	12935.05
Human Labour (based on new methodology)	6190.28	5870.88	6419.57	4958.45	4531.28	4547.42	9328.84	8201.65	11000.05	8159.96
Total Cost (based on new methodology)	18224.51	17574.80	13725.93	12364.08	10192.24	10370.65	19423.61	20120.44	23381.05	18887.52

Table - 4.4 (m)

Nigerseed : Estimates of Cost of Cultivation/Production and related data

Odisha		
1	2010-11	2009-10
1	2	3
Cost of Cultivation per hectare(Rs)		
A1	5088.15	4378.26
A2	5088.15	4378.26
A2+FL	6880.23	6029.14
B1	5616.00	4907.79
B2	8406.21	7654.04
C1	7408.07	6558.67
C2	10198.28	9304.92
C2*	10234.10	9385.87
Yield per hectare (Quintals)	3.21	3.15
Value of the main-product per hectare (Rs)	11093.16	10922.50
Value of the by-product per hectare (Rs)	67.68	62.47
Implicit price (Rs./qtl)	3455.81	3467.46
Cost of production per quintal (Rs)		
A1	1576.60	1381.40
A2	1576.60	1381.40
A2+FL	2130.38	1903.13
B1	1740.15	1548.48
B2	2604.72	2414.92
C1	2295.44	2069.35
C2	3160.00	2935.83
C2*	3168.86	2962.70
C3	3485.75	3258.96
Material and labour inputs per hectare		
ITEM		
Seeds	10.10	10.10
Fertilisers (kgs. of Nutrients)	0.00	0.00
Manure	0.00	0.00
Human Labour (Man Hours)	312.06	299.80
Animal Labour (Pair Hours)	116.64	120.04

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue) and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (m-contd..)

Nigerseed : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Odisha	
	2010-11	2009-10
1	2	3
Operational Cost	6540.91	5744.82
Human Labour		
Casual	2203.92	1640.92
Attached	0.00	0.00
Family	1792.08	1650.88
Total	3996.00	3291.80
Bullock Labour		
Hired	483.10	386.16
Owned	1564.52	1596.67
Total	2047.62	1982.83
Machine Labour		
Hired	0.00	0.00
Owned	0.00	0.00
Total	0.00	0.00
Seed	353.39	346.12
Fertilisers and Manure		
Fertilisers	0.00	0.00
Manure	0.00	0.00
Total	0.00	0.00
Insecticides	0.00	0.00
Irrigation charges	0.00	0.00
Interest on working capital	143.90	124.07
Miscellaneous	0.00	
Fixed Cost	3657.87	3560.10
Rental value of owned land	2790.21	2746.24
Rent paid for leased-in land	0.00	0.00
Land revenue, cesses & taxes	5.96	6.09
Depreciation on implements & Farm buildings	333.85	278.24
Interest on fixed capital	527.85	529.53
Total Cost	10198.78	9304.92
Operational Cost (based on new methodology)	6576.73	5825.77
Human Labour (based on new methodology)	4031.82	3372.75
Total Cost (based on new methodology)	10234.10	9385.87

Table - 4.4 (n)

Cotton : Estimates of Cost of Cultivation/Production and related data

	Andhra Pradesh		Gujarat		Haryana		Karnataka		Madhya Pradesh		Maharashtra		Odisha		Punjab		Rajasthan		Tamil Nadu		
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Cost of Cultivation per hectare(Rs)																					
A1	23976.78	21963.84	27019.02	23735.13	20268.46	20879.78	18778.12	13625.48	12442.69	11728.59	31655.82	22906.19	17798.61	14353.27	26364.81	24723.23	11885.88	11848.03	33378.43	27514.25	
A2	24061.65	23316.64	27287.13	23796.57	20268.46	20879.78	18778.12	13625.48	12442.69	11728.59	31655.82	22906.19	18099.76	14592.21	26845.81	25633.98	11885.88	11848.03	33454.44	27659.43	
A2+FL	28861.62	27204.15	34552.00	29559.06	29345.24	31895.29	22087.89	15994.78	17976.33	16011.14	38359.30	26407.55	25475.42	20011.53	31178.78	30055.90	25194.76	23041.31	42390.85	36849.59	
B1	25979.83	23672.15	29550.05	26377.56	22927.70	23496.54	19869.88	14508.88	13804.82	12982.77	35288.73	25583.39	18548.05	15222.11	28491.71	26679.61	14526.17	14781.06	35393.88	29622.03	
B2	44601.43	39031.84	46460.91	36532.87	37738.34	37904.81	32228.97	20690.90	29130.99	22639.03	45880.07	32320.71	31727.40	23947.74	54949.08	48649.71	30696.70	25223.32	47811.11	38769.46	
C1	30779.80	27559.66	36814.93	32140.04	32004.47	34512.05	23179.65	16878.19	19338.46	17265.32	41992.21	29084.75	25923.71	20641.43	32824.69	31101.54	27835.05	25974.34	44330.28	38812.20	
C2	49401.41	42919.36	53725.77	42295.36	46815.11	48920.33	35538.75	23060.21	34664.63	26921.58	52583.55	35822.07	39103.06	29367.06	59282.06	53071.62	44005.58	36416.60	56747.52	47959.62	
C2*	49401.41	42919.36	54089.07	44333.49	46815.11	48920.33	36216.84	24811.57	35786.99	27374.83	52748.59	35822.07	40206.55	33502.98	59282.06	53071.62	44005.58	36416.60	56747.52	47959.62	
Yield per hectare (Quintals)	14.94	17.83	22.01	18.74	16.26	19.65	12.10	9.46	14.36	12.99	14.40	13.19	14.88	12.66	19.30	21.37	21.59	18.82	19.85	18.45	
Value of the main-product per hectare (Rs)	62053.40	51828.91	102270.90	60254.18	71900.80	57762.04	59090.52	28197.68	58790.49	36910.12	62684.87	39754.52	54832.87	37576.43	82064.02	63878.96	93152.16	60321.63	79735.18	56196.95	
Value of the by-product per hectare (Rs)	5.67	0.87	1081.28	851.33	2020.20	1810.28	925.08	548.93	2514.20	1714.94	850.48	661.33	1191.54	989.43	3442.75	3523.89	3851.59	2319.41	154.87	576.94	
Implicit price (Rs./qtl)	4153.51	2906.84	4646.57	3215.27	4421.94	2939.54	4883.51	2980.73	4094.05	2841.43	4353.12	3013.99	3685.00	2968.12	4252.02	2989.19	4314.60	3205.19	4016.89	3045.91	
Cost of production per quintal (Rs)																					
A1	1607.21	1228.60	1228.42	1251.59	1213.53	1030.31	1570.39	1408.31	873.69	887.78	2171.55	1740.56	1180.15	1127.68	1310.78	1096.60	545.35	606.24	1684.42	1453.81	
A2	1612.29	1307.18	1237.50	1253.97	1213.53	1030.31	1570.39	1408.31	873.69	887.78	2171.55	1740.56	1196.56	1140.32	1334.69	1137.00	545.35	606.24	1686.89	1461.04	
A2+FL	1931.66	1525.73	1553.41	1555.35	1755.43	1573.85	1797.31	1658.49	1200.49	1177.85	2628.18	1969.33	1675.65	1540.14	1550.44	1332.92	1120.63	1178.97	2131.42	1976.97	
B1	1743.03	1325.78	1341.47	1386.50	1373.16	1159.36	1670.93	1499.73	970.55	984.93	2419.02	1932.14	1230.99	1196.25	1416.52	1183.38	660.87	755.70	1785.73	1571.49	
B2	2984.20	2188.41	2091.35	1913.80	2260.33	1871.42	2596.74	2143.16	1972.63	1668.65	3142.90	2425.40	2088.11	1863.99	2731.90	2157.87	1389.20	1279.59	2412.72	2034.56	
C1	2064.35	1543.90	1664.88	1698.15	1913.37	1701.55	1958.42	1743.98	1314.04	1277.01	2879.31	2178.40	1713.44	1592.25	1631.94	1379.51	1229.80	1338.79	2226.52	2112.20	
C2	3305.52	2406.53	2414.76	225.45	2800.54	2413.61	2884.22	2387.40	2316.11	1980.73	3603.20	2671.66	2570.56	2259.98	2947.32	2354.00	1958.13	1862.68	2853.51	2575.26	
C2*	3305.52	2406.53	2431.06	2332.12	2800.54	2413.61	2939.09	2568.20	2390.65	2013.80	3614.43	2671.66	2643.69	2577.67	2947.32	2354.00	1958.13	1862.68	2853.51	2575.26	
C3	3636.07	2647.18	2674.16	2565.33	3080.59	2654.97	3233.00	2825.02	2629.71	2215.18	3975.88	2938.83	2908.06	2835.43	3242.05	2589.40	2153.94	2048.95	3138.86	2832.79	
Material and labour inputs per hectare																					
ITEM																					
UNIT																					
Seeds (kgs.)	1.47	1.80	1.58	1.52	1.93	2.33	1.98	3.18	1.24	1.17	1.87	1.67	1.52	1.52	2.70	2.23	10.42	11.28	6.68	7.17	
Fertilisers (kgs. of Nutrients)	261.98	245.03	203.50	187.58	152.80	155.58	151.98	92.27	80.36	73.40	218.17	155.32	183.47	178.65	211.60	191.90	132.78	118.13	361.11	311.36	
Manure (Quintals)	13.44	9.25	40.90	49.31	0.73	0.02	11.02	3.98	1.52	4.91	18.94	14.02	18.34	14.95	1.66	11.12	7.62	19.76	20.53	35.19	
Human Labour (Man Hours)	612.11	666.84	1335.62	1199.92	573.77	764.18	750.59	698.37	505.24	541.92	1067.47	828.07	1562.39	1393.80	703.12	714.82	782.48	717.59	1226.56	1188.06	
Animal Labour (Pair Hours)	32.29	39.42	42.54	41.39	9.32	19.82	77.10	68.06	82.44	86.97	109.52	104.76	120.75	133.90	3.76	2.83	2.71	0.60	1.01	1.24	

Note : The estimates are provisional unless specified.

Cost A1 = All actual expenses in cash and kind incurred in production by owner.

Cost A2 = Cost A1 + rent paid for leased-in land.

Cost A2+FL = Cost A2 + imputed value of Family Labour.

Cost B1 = Cost A1 + interest on value of owned capital assets (excluding land).

Cost B2 = Cost B1 + rental value of owned land (net of land revenue)

and rent paid for leased-in land

Cost C1 = Cost B1 + imputed value of Family Labour.

Cost C2 = Cost B2 + imputed value of Family Labour.

Cost C2* = Cost C2 estimated by taking into account statutory minimum or actual wage whichever is higher.

Cost C3 = Cost C2* + 10% of Cost C2* on account of managerial functions performed by farmer.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

Table - 4.4 (n-contd..)

Cotton : Break-up of Cost of Cultivation per Hectare (In Rs.)

Cost Items	Andhra Pradesh		Gujarat		Haryana		Karnataka		Madhya Pradesh		Maharashtra		Odisha		Punjab		Rajasthan		Tamil Nadu	
	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Operational Cost	28327.24	25435.20	34950.98	29096.23	29155.28	31544.51	21726.24	15727.33	17238.11	15507.49	37489.84	25664.06	24813.71	19336.06	30337.67	28833.81	24886.12	22756.32	42044.43	36336.08
Human Labour																				
Casual	8825.55	8417.66	8956.01	7022.85	5772.95	5420.87	7193.79	5172.29	3254.89	2833.81	11466.89	5982.74	8702.68	5945.80	7999.73	7678.96	1062.10	1009.09	17202.15	12263.34
Attached	803.58	767.91	111.07	175.53	530.58	816.40	24.66	128.06	22.13	17.27	569.48	335.49	395.06	179.21	1388.25	1983.50	1251.98	876.10	873.93	480.62
Family	4799.97	3887.51	7264.87	5762.49	9076.78	11015.51	3309.77	2369.30	5533.64	4282.55	6703.48	3501.36	7375.66	5419.32	4332.97	4421.92	13308.88	11193.28	8936.41	9190.16
Total	14429.10	13073.08	16331.95	12960.87	15380.31	17252.78	10528.22	7669.65	8810.66	7133.63	18739.85	9819.59	16473.40	11544.33	13720.95	14084.38	15622.96	13078.47	27012.49	21934.12
Bullock Labour																				
Hired	446.12	462.66	615.95	675.85	69.53	197.45	901.78	487.02	216.48	266.57	990.84	922.61	96.21	35.27	0.00	0.00	20.78	0.93	40.54	2.38
Owned	1133.94	1653.55	1906.06	1634.06	618.96	722.28	1796.88	1662.59	2567.51	2609.13	5346.75	5033.39	1520.80	1684.70	299.54	209.04	61.84	27.99	0.00	55.57
Total	1580.06	2116.21	2522.01	2309.91	688.49	919.73	2698.66	2149.61	2783.99	2875.70	6337.59	5956.00	1617.01	1719.97	299.54	209.04	82.62	28.92	40.54	57.95
Machine Labour																				
Hired	2575.02	1819.70	1814.49	1685.91	1229.86	1577.34	1143.67	962.92	871.75	510.29	1439.12	1194.17	473.93	479.14	826.29	1400.87	1516.53	1589.51	3434.12	3081.06
Owned	38.91	15.19	137.77	143.22	1662.38	1013.69	510.64	264.09	4.16	49.86	84.03	81.78	9.87	8.02	2609.63	3031.76	92.28	366.14	449.28	187.92
Total	2613.93	1834.89	1952.26	1829.13	2892.24	2591.03	1654.31	1227.01	875.91	560.15	1523.15	1275.95	483.80	487.16	3435.92	4432.63	1608.81	1955.65	3883.40	3268.98
Seed	2212.22	2254.61	2496.29	2388.08	3512.57	3576.89	2491.98	1918.56	1836.90	1866.36	2753.70	2396.52	2221.00	1892.56	4754.51	4137.77	2555.58	2233.52	1853.05	1514.83
Fertilisers and Manure																				
Fertilisers	3615.54	3411.89	2909.88	2496.06	2072.46	2069.51	2453.63	1367.56	1203.08	1038.12	3549.41	2423.11	2404.45	2356.91	2801.91	2314.75	1825.00	1729.87	5055.83	4883.22
Manure	1110.77	442.60	1785.22	1653.33	14.58	0.45	526.02	210.23	167.59	390.88	1465.21	1151.30	802.61	660.47	16.56	111.20	459.49	1053.32	1166.69	1655.84
Total	4726.31	3854.49	4695.10	4149.39	2087.04	2069.96	2979.65	1577.79	1370.67	1429.00	5014.62	3574.41	3207.06	3017.38	2818.47	2425.95	2284.49	2783.19	6222.52	6539.06
Insecticides	1791.00	1548.17	3069.38	1893.37	1500.96	1673.01	749.77	753.95	1070.00	1265.41	1449.27	1089.14	218.27	196.07	4101.78	2449.38	1735.15	1273.39	1356.59	1139.78
Irrigation charges	231.65	76.18	3075.33	2858.40	2485.23	2837.90	65.58	25.97	135.30	35.84	703.79	841.06	0.00	0.00	415.70	340.02	645.68	1052.78	672.57	949.90
Interest on working capital	712.95	652.96	808.66	707.08	608.44	622.09	558.07	404.79	354.68	340.15	932.92	671.60	528.43	421.72	788.02	739.75	350.83	350.40	1003.27	822.60
Miscellaneous	30.02	24.61	0.00	0.00	0.00	1.12	0.00	0.00	0.00	1.25	34.95	39.79	64.74	56.87	2.78	14.89	0.00	0.00	0.00	108.86
Fixed Cost	21074.17	17484.16	19774.79	13199.13	17659.83	17375.82	13812.51	7332.88	17426.52	11414.09	15093.71	10158.01	14289.35	10031.00	28944.39	24237.81	19119.46	13660.28	14703.09	11623.54
Rental value of owned land	18536.74	14006.89	16642.75	10093.87	14810.64	14408.27	12359.09	6182.02	15326.17	9656.26	10591.34	6737.32	12878.19	8486.68	25976.36	21059.34	16170.53	10442.26	12341.23	9002.25
Rent paid for leased-in land	84.87	1352.80	268.11	61.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	301.15	238.95	481.00	910.75	0.00	0.00	76.01	145.18
Land revenue, cesses & taxes	0.83	2.37	14.86	14.59	0.00	0.00	21.80	16.00	3.27	3.32	42.02	40.21	7.32	7.21	0.00	0.00	8.12	7.00	16.09	62.70
Depreciation on implements & Farm buildings	448.68	413.79	318.04	386.80	189.96	350.78	339.86	251.46	734.95	500.33	827.44	703.28	353.25	429.32	360.12	311.33	300.52	277.99	254.32	305.64
Interest on fixed capital	2003.05	1708.31	2531.03	2642.43	2659.23	2616.77	1091.76	883.40	1362.13	1254.18	3632.91	2677.20	749.44	868.84	2126.91	1956.39	2640.29	2933.03	2015.44	2107.77
Total Cost	49401.41	42919.36	54725.77	42295.36	46815.11	48920.33	35538.75	23060.21	34664.63	26921.58	52583.55	35822.07	39103.06	29367.06	59282.06	53071.62	44005.58	36416.60	56747.52	47959.62
Operational Cost (based on new methodology)	28327.24	25435.20	35314.28	31134.36	29155.28	31544.51	22404.33	17478.69	18360.47	15960.74	37654.88	25664.06	25917.20	23471.98	30337.67	28833.81	24886.12	22756.32	42044.43	36336.08
Human Labour (based on new methodology)	14429.10	13073.08	16695.25	14999.00	15380.31	17252.78	11206.31	9421.01	9933.02	7586.88	18904.89	9819.59	17576.89	15680.25	13720.95	14084.38	15622.96	13078.47	27012.49	21934.12
Total Cost (based on new methodology)	49401.41	42919.36	54089.07	44333.49	46815.11	48920.33	36216.84	24811.57	35786.99	27374.83	52748.59	35822.07	40206.55	33502.98	59282.06	53071.62	44005.58	36416.60	56747.52	47959.62