

**Appendix Table II(a)**  
**Changes in the Cropping Pattern**  
**from 1950-51 through 1997-98**

**(Area in percentages)**

Crops	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01
Paddy	23.6	22.3	22.6	23.3	23.0	23.0
Wheat	7.6	8.5	11.0	12.8	12.9	13.0
Coarse cereals	30.0	29.4	27.8	24.6	19.5	15.7
Total Cereals	61.1	60.2	61.4	60.7	55.4	55.3
Total pulses	15.6	15.5	14	13.2	13.5	10.4
Total Foodgrains	76.7	75.7	75.4	73.9	68.9	63.7
Total Oilseeds	8.3	.3	8.9	9.2	13.5	12.1
Cotton	4.3	5.0	4.7	4.5	4.1	4.5
Jute	0.4	0.4	0.4	0.5	0.4	0.5
Total Fibres	5.1	5.7	5.5	5.4	4.7	5.3
Sugarcane	1.3	1.6	1.6	1.6	2.0	1.1
Toabcco	0.3	0.3	0.2	0.3	0.2	0.5
Condiments & Spices	0.9	1.0	1.1	1.2	1.3	1.7
Fruits	0.6	0.7	0.9	1.1	1.4	3.2
Potatoes	0.1	0.2	0.3	0.4	0.5	0.6
Onions	0.1	0.1	0.1	0.1	0.2	0.2
Total Vegetables	1.2	1.0	1.3	1.7	4.5	3.5
Other crops	5.6	5.7	5.1	5.6	5.8	—
Total Non-foodgrains	23.3	24.3	24.6	26.1	31.1	36.3
Gross Cropped Area	100	100	100	100	100	100
(GCA in million ha)	131.9	152.8	165.8	172.6	185.7	192.6
Net Area Sown	118.7	133.2	144.3	140.0	143.0	142.6
Cropping Intensity	111	115	118	123	130	135

Source: Agricultural Statistics at a Glance, 2002.

Appendix Table II(b)

Region-wise Change in Cropping Pattern

Region/ Period	(% share of area under 43 crops)										
	Paddy	Wheat	Coarse cereals	Pulses	Foodgrains	Non-foodgrains	Nine oilseeds	Fibre Crops	Cotton	Sugarcane	Remaining Crops
North-western Region											
1962-65	15.30	19.98	23.20	20.99	79.47	20.53	12.28	2.49	2.18	4.61	1.15
1980-83	18.95	33.83	16.13	10.76	79.68	20.32	10.68	2.89	2.75	4.72	2.04
1992-95	22.49	38.47	12.33	9.20	82.48	17.52	7.02	3.16	3.12	5.47	1.86
Eastern Region											
1962-65	62.71	2.90	7.37	15.63	88.62	11.38	3.30	4.16	0.09	1.01	2.91
1980-83	58.54	7.51	7.58	12.55	86.17	13.83	5.74	3.37	0.03	0.86	3.86
1992-95	61.83	8.41	4.78	9.64	84.66	15.34	6.43	3.04	0.03	0.74	5.13
Central Region											
1962-65	10.55	9.66	38.14	16.68	75.03	24.97	12.06	9.52	9.27	0.44	2.95
1980-83	10.65	10.66	35.94	17.80	75.05	24.95	12.02	8.09	7.90	0.69	4.15
1992-95	10.83	10.16	29.70	17.54	68.23	31.77	20.10	6.91	6.82	0.87	3.90
Southern Region											
1962-65	24.99	1.01	36.81	9.66	72.47	27.53	12.21	6.17	5.76	0.87	8.18
1980-83	24.88	1.10	29.92	11.39	67.30	32.70	13.94	5.66	5.24	1.68	11.42
1992-95	23.56	0.70	20.82	12.19	57.27	42.73	23.04	5.17	4.89	2.15	12.38
All-India											
1962-65	23.78	8.92	29.20	15.93	77.85	22.151	10.59	6.31	5.36	1.56	3.69
1980-83	23.96	13.68	25.08	13.91	76.63	23.37	10.92	5.55	4.78	1.85	5.05
1992-95	24.91	14.32	19.81	13.17	72.21	27.79	15.31	5.04	4.42	2.13	5.32

Source: Bhalla and Singh 2001.

**Appendix Table II(c)**  
**Relative Share of Different States in Area Under Principal Crops**  
**(In percentages)**

State	Paddy					Wheat					Sorghum				
	1					2					3				
	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)
Andhra Pradesh	9.19	8.73	9.06	9.55	8.88						14.66	14.83	13.58	8.61	7.34
Assam															
Bihar	14.93	14.31	13.32	12.13	11.33	5.03	7.14	7.65	8.37	7.74					
Gujarat						4.72	6.15	6.78	7.78	8.04					
Haryana															
Himachal Pradesh															
Jammu & Kashmir															
Karnataka											16.20	15.48	11.60	15.84	18.59
Kerala															
Madhya Pradesh	11.60*	11.80*	12.20*	12.50*	12.21	23.66	18.97	14.65	15.04	16.93					
Maharashtra											33.81	34.20	40.42	43.90	49.67
Orissa	11.28	11.09	10.37	10.46	10.17										
Punjab	0.66	1.08	3.01	4.71	5.56	10.60	12.58	12.84	13.75	12.29					
Rajasthan						9.00	7.86	8.22	7.39	9.92					
Tamil Nadu	7.18	7.14	6.32	4.66	5.13						4.25	4.17	3.93	3.94	4.44
Uttar Pradesh	12.10*	11.80*	13.00*	12.40*	13.11	29.88	32.09	35.16	36.42	34.2					
West Bengal	13.24	12.71	13.45	13.50											
Total of States induced					85.45	82.88	84.80	85.30	88.76	89.15	68.92	68.88	69.53	72.29	80.05
All-India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00					

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State	Pearl Millet					Maize					Ragi				
	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)
	4					5					6				
Andhra Pradesh						4.31	4.42	5.34	5.23	6.53	13.64	11.74	9.85	7.26	6.53
Assam															
Bihar						18.31	15.29	1.451	11.62	11.62	8.09	6.37	6.57	4.41	4.53
Gujarat	12.65	14.37	11.96	11.57	11.00	4.83	4.80	5.24	5.85	6.34					
Haryana	694	7.23	7.55	5.72	6.40										
Himachal Pradesh						5.15	17.13	4.85	5.33	4.87					
Jammu & Kashmir						4.94	4.64	4.66	5.03	4.97					
Karnataka						0.27	1.15	2.53	4.44	8.87	40.06	40.85	43.77	49.41	57.04
Kerala															
Madhya Pradesh						10.64	10.42	13.13	14.90	1.39					
Maharashtra	15.13	14.31	14.35	18.31	18.55						9.05	8.65	8.59	6.61	8.74
Orissa											2.73	6.13	11.51	11.28	4.42
Punjab	9.38	8.31	8.86	7.56	9.06	24.38	25.84	20.11	18.68	15.97					
Rajasthan															
Tamil Nadu															
Uttar Pradesh															
West Bengal															
Total of States induced	82.21	83.42	84.58	889.5	90.98	87.40	97.64	85.36	87.36	87.56	87.73	85.77	89.21	87.3	88.44
All-India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00					

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State	Chick Pea					Pigeon Pea					Total Pulses				
	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)
	7					8					9				
Andhra Pradesh						6.47	7.30	7.80	9.53	11.01	5.48	6.23	6.19	6.87	6.93
Assam															
Bihar															
Gujarat						3.56	3.43	6.63	10.91	10.83					
Haryana	15.22	13.27	10.91	7.56	3.65										
Himachal Pradesh															
Jammu & Kashmir															
Karnataka						12.07	11.90	12.41	13.38	13.70	5.37	5.47	6.70	7.11	7.96
Kerala															
Madhya Pradesh	16.16	20.61	28.04	34.52	35.99	15.94	19.63	18.29	11.94	11.64	15.70	18.66	20.94	19.93	22.45
Maharashtra	4.34	4.99	6.29	8.86	11.40	22.25	23.57	24.19	27.50	29.73	9.96	10.59	11.99	13.53	15.35
Orissa						0.59	1.75	3.05	4.6	04.22					
Punjab											2.07	3.78	7.50	8.66	3.28
Rajasthan	16.18	19.33	21.17	19.55	26.94						13.81	15.70	14.53	13.99	17.05
Tamil Nadu						2.28	2.80	2.95	3.36	2.63	1.76	2.17	2.51	3.73	3.64
Uttar Pradesh	26.82	26.93	21.56	18.82	11.56	26.38	21.24	18.42	13.78	12.96	19.08	15.95	12.91	12.63	12.09
West Bengal															
Total of States induced	78.71	85.58	87.93	89.31	89.54	89.53	91.63	93.75	95.01	96.72	73.24	78.55	83.28	85.84	88.75
All-India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

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State	Groundnut					Rape seed and Mustard					Sunflower				
	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)
	107					11					12				
Andhra Pradesh	12.17	19.94	19.17	27.86	26.18						0.00	20.51	1.95	1096	15.36
Assam						4.00	4.03	5.40	5.21	4.37					
Bihar															
Gujarat	30.93	24.06	29.79	22.24	26.67	1.41	0.98	3.40	6.44	5.12					
Haryana						5.54	4.08	5.25	8.91	7.56					
Himachal Pradesh															
Jammu & Kashmir						0.68	0.71	1.04	1.03	0.96					
Karnataka	14.04	12.09	11.76	14.52	15.74						0.00	13.68	33.77	54.26	42.38
Kerala															
Madhya Pradesh						5.17	6.14	5.93	9.40	10.57					
Maharashtra	16.87	12.06	11.24	9.64	7.45						0.00	0.00	51.08	26.07	25.66
Orissa															
Punjab											0.00	0.00	0.00	2.35	4.10
Rajasthan						7.55	8.11	11.37	34.75	45.03					
Tamil Nadu	13.11	14.11	13.08	12.23	12.97										
Uttar Pradesh						63.34	64.58	54.48	20.07	17.02					
West Bengal						3.50	3.23	3.42	6.66	5.13					
Total of States induced	87.13	82.26	85.03	86.49	89.01	91.18	91.88	90.29	92.47	95.75	NA	34.19	86.80	93.64	87.50
All-India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	NA	100.00	100.00	100.00	100.00

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State	Cotton					Jute					Sugarane				
	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)	(i)	(ii)	(iii)	(iv)	(v)
	13					14					15				
Andhra Pradesh	4.07	4.20	5.42	8.82	11.92										
Assam						18.31	16.90	12.96	12.53	10.81					
Bihar						24.15	17.62	17.15	17.55	17.66					
Gujarat	21.83	21.94	20.08	14.23	17.47										
Haryana	1.32	2.72	3.99	6.79	6.55						5.42	5.65	4.49	3.97	3.27
Himachal Pradesh															
Jammu & Kashmir															
Karnataka	13.15	13.31	12.95	8.24	6.29						3.04	3.80	5.50	7.49	8.25
Kerala															
Madhya Pradesh															
Maharashtra	33.58	34.58	33.18	35.49	35.51						6.32	8.01	9.15	11.67	12.91
Orissa															
Punjab	5.97	5.54	8.17	9.18	6.54						5.59	4.90	3.00	2.85	2.78
Rajasthan															
Tamil Nadu	5.22	4.19	3.09	4.52	2.33						3.08	4.98	6.29	6.40	7.52
Uttar Pradesh											55.42	51.53	51.81	50.60	48.87
West Bengal						48.83	56.00	62.28	64.37	69.54					
Total of States induced	85.14	86.48	86.87	87.26	86.61	91.29	90.52	92.39	94.45	98.01	78.88	78.88	80.34	82.98	83.60
All-India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Note: \* Data compiled from Chandhok and the Policy Group (19990); Gol, Various yeas.

(i) Period 1959-62; (ii) Period 1969-72, (iii) Period 1979-80; (iv) Period 1989-92 and (v) Period 1997-2000