

APPENDIX - I-A

**Cropwise Average of Fertilizer Application and Yield of Total Successful
Two-Plot Demonstrations, Kharif 1984.**

Crop	No. of Demon- stra- tions	Average Nutrient Dose (Kg/Ha)						Average Grain Yield (q/ha)		Increase inYield in Recomm. practices. Plot over Farmers Prac. %	
		Farmers Practices			Recommended Practices			Farmers Prac.	Recomm. Prac.		
		N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O				
Paddy	220	78.0	10.2	3.6	105.0	52.1	26.4	36.76	48.34	11.57	31.36
Bajra	49	42.8	4.5	0.0	81.9	43.4	15.9	14.33	21.89	7.56	52.78
Jowar	11	101.2	45.7	25.3	89.0	60.1	53.8	28.70	34.89	6.19	21.56
Ragi	1	5.0	10.0	0.0	50.0	57.5	0.0	7.50	12.50	5.00	66.00
Maize	25	62.5	4.5	2.2	107.8	56.5	27.5	20.09	33.62	13.54	67.40
CEREALS	306	71.7	10.1	3.7	100.8	51.4	25.7	31.42	42.30	10.88	34.63
Soyabtan	10	8.2	13.9	2.8	26.0	61.1	27.1	9.12	13.54	4.42	48.49
Arhar	18	0.7	1.3	0.0	15.8	41.7	15.0	9.43	15.15	5.72	60.61
Mung	4	5.8	5.0	0.0	25.6	49.4	10.8	8.91	14.11	5.20	58.38
Urd	3	0.0	0.0	0.0	13.0	34.7	17.3	5.67	9.00	3.33	58.73
PULSES	35	3.3	5.2	0.8	19.6	47.5	18.2	8.96	14.04	5.08	56.6
Ground-nut	24	5.1	22.6	0.6	21.1	50.7	12.6	7.41	10.99	3.58	48.47
TIL	3	2.0	5.3	2.6	10.3	26.9	7.3	4.85	8.01	3.16	65.22
OILSEEDS	27	4.8	20.7	0.8	19.9	48.0	12.0	7.12	10.66	3.53	49.70
COMMERCIAL CROPS											
Guar	4	3.5	0.0	0.0	14.6	35.0	7.5	6.90	14.07	60.97	60.51
Sugar Cane	7	151.0	22.8	16.0	176.6	81.4	52.9	635.03	746.71	111.68	17.69
Cotton	22	91.8	22.5	9.0	106.5	48.9	30.4	19.48	24.77	5.29	27.17
Water Melon	1	100.0	42.5	42.5	125.0	62.5	62.5	65.00	70.00	5.00	7.69
Sunflower	3	39.2	13.3	0.0	56.8	48.7	35.0	5.92	8.96	3.03	51.29
Castor	4	23.0	8.0	0.0	40.0	20.0	10.0	11.80	15.80	4.00	33.80
Chillies	2	0.0	0.0	0.0	93.0	64.0	32.0	4.50	10.35	5.85	130.00

APPENDIX - I-B

Average Fertiliser Application and Yield of Paddy in Two-Plot Demonstrations, Kharif, 1984.

State/ Zone	No. of Demon- strations.	Average Nutrient Dose (kg/ha)					Average Grain Yield (q/ha)		Increase in yield in Recomm. Practices	
		Farmers		Recommended			Farmers Prac.	Recomm. Prac.	Plot Over Farmers Pract. q/ha	Pract. q/ha
		N	P ₂ O ₅	N	P	O				
K.P.	9	87.0	0.0	98.0	40.0	20.0	30.70	41.07	10.37	33.77
Haryana	12	114.3	2.6	123.3	59.2	27.2	48.30	59.97	11.67	24.16
J & K	7	29.7	6.8	107.1	52.9	6.4	11.79	30.79	19.00	61.71
Punjab	33	120.6	27.6	127.3	53.8	21.7	59.66	67.66	8.00	13.41
Rajasthan	1	51.6	64.0	32.0	80.0	40.0	30.00	35.00	5.00	16.67
NORTH ZONE	62	103.1	16.9	5.8	118.9	53.8	47.37	57.62	10.25	21.64
Bihar	15	29.4	4.7	3.7	61.9	31.0	32.0	45.36	13.27	41.35
U. P.	93	80.5	2.9	0.8	118.5	59.2	32.09	45.36	13.27	41.35
NORTH CENTRAL	108	73.4	3.1	1.2	110.6	55.3	30.55	43.20	12.65	141.4
W.B./EAST ZONE	16	47.0	7.5	1.6	60.0	31.6	44.28	53.01	8.73	19.73
Gujarat	1	70.0	0.0	0.0	125.0	62.5	28.00	43.00	15.00	53.60
M.P.	22	41.9	19.0	0.1	68.9	42.9	25.09	38.56	13.47	53.70
Maharashtra	2	157.5	0.0	0.0	82.5	65.0	28.80	43.50	14.70	50.10
WEST ZONE	25	52.3	16.7	0.1	72.2	45.4	25.50	39.13	13.63	53.46
A.P.	2	46.3	14.0	0.0	120.0	72.5	29.25	35.50	6.25	21.40
Karnataka	7	112.8	41.9	39.1	111.4	58.3	63.82	71.27	7.45	11.70
SOUTH ZONE	9	87.7	3.7	30.4	113.3	61.4	56.13	63.32	7.19	12.81
GRAND TOTAL	220	78.0	10.2	3.6	105.0	52.1	36.76	48.34	11.57	31.66