

APPENDIX - II-A

Groupwise Average Fertilizer Application and Yield of Total Successful Two-Plot Demonstrations, RHM 1984-85.

Crop	No. of Demonstration.	Average Nutrient Dose (kg/ha)				Farmers Practices				Average Grain Yield (q/ha)		Increase in yield in Recom. Practices, Plot Farmers over Prac. %	
		N		P ₂ O ₅		K ₂ O		N P P ₂ O ₅ K ₂ O		Farmers Prac.	Recom. Prac.	Farmers Prac.	Plot Farmers over Prac. %
		N	P ₂ O ₅	K ₂ O	N	P	P ₂ O ₅	K ₂ O	Farmers Prac.	Recom. Prac.	Farmers over Prac. %	Plot Farmers over Prac. %	
Wheat	337	76.5	14.8	2.5	110.2	56.3	25.6	27.07	38.41	11.33	41.88		
Maize	21	63.2	9.8	1.0	97.3	50.6	17.0	22.44	35.98	13.54	60.32		
Barley	3	40.7	0.0	0.0	68.7	40.0	20.0	26.00	38.33	12.33	47.33		
Bajra	2	22.0	0.0	0.0	67.0	58.0	0.0	9.37	16.87	7.50	80.00		
Jowar	2	83.0	25.0	0.0	80.0	58.0	0.0	18.75	20.00	1.25	6.67		
CEREALS	365	75.2	14.4	2.6	117.7	55.8	24.8	26.65	38.05	11.40	42.77		
Gram	32	2.2	3.9	0.2	15.8	40.1	8.7	8.92	13.85	4.93	55.33		
Pea	2	50.0	0.0	0.0	15.0	40.0	20.0	12.63	22.65	10.02	79.33		
Lentil	3	0.0	0.00	0.0	16.7	43.3	21.7	11.00	18.09	7.08	64.42		
PULSES	37	4.6	3.3	0.2	15.8	40.3	10.4	9.28	14.66	5.38	58.07		
Mustard	34	31.7	5.9	0.0	61.1	39.8	10.1	11.34	16.42	5.08	44.85		
Gourdmat	2	28.8	26.8	37.5	30.0	80.0	40.0	20.00	36.25	16.25	81.00		
Tur	1	0.0	0.0	0.0	15.0	40.0	20.0	10.20	15.00	4.80	47.00		
OIL SEEDS	37	30.6	6.8	2.0	58.1	41.9	11.9	12.65	16.57	3.92	31.02		
COMMERCIAL CROPS													
Potato	3	54.3	33.3	10.0	120.0	100.0	100.0	172.38	256.13	83.75	48.58		
Chillies	5	49.0	17.4	5.0	80.0	40.0	40.0	20.21	28.34	8.13	40.23		
Garlic	2	15.0	30.0	15.0	60.0	30.0	15.0	9.00	10.00	1.00	10.00		
Onion	3	67.1	13.0	6.3	96.5	59.0	59.0	186.93	275.73	88.80	47.50		
Sunflower	1	25.0	25.0	0.0	13.0	33.0	33.0	7.50	10.00	2.50	33.33		
Sugar Cane	1	150.0	0.0	0.0	150.0	60.0	30.0	310.00	80.00	70.00	22.60		
Caster	3	36.0	0.0	0.0	56.0	53.0	0.0	15.00	18.77	3.77	25.10		
Ladies Finger	6	51.8	20.2	15.0	100.0	50.0	50.0	65.56	75.23	9.67	14.75		

APPENDIX - II-B

Average Fertiliser Application and Yield of Wheat in Two Plot Demonstration, Rabi 1984-85.

State/ Zone	No. of Demon- strations	Average Nutrient Dose (kg/ha)			Average Grain Yield (g/ha)		Increase in Yield in Recom. Prac.	
		Farmers Practice			Farmers Prac.		Plot Over Farmers Prac. %	
		N	P	K ₂ O	Farmers Prac.	Recom. Prac.	q/ha	Prac. %
H.P.	19	72.5	0.0	0.0	15.60	39.44	23.84	152.80
Haryana	23	93.7	5.9	1.3	31.02	40.79	9.77	31.49
J & K	2	37.5	25.0	10.0	10.00	14.00	4.00	40.00
Punjab	18	110.9	34.4	7.0	36.44	41.71	5.27	14.46
Rajasthan	36	57.9	15.1	3.1	24.44	37.11	12.69	51.84
NORTH ZONE	98	78.4	13.7	2.9	26.18	38.79	12.62	48.19
Bihar	38	41.2	12.1	4.8	18.87	30.68	11.81	62.58
U.P.	145	86.5	10.4	2.1	30.45	42.19	11.74	38.55
NORTH CENTRAL ZONE	183	77.1	10.7	1.7	28.04	39.79	11.76	41.93
W.B./EAST ZONE	2	69.5	15.0	0.0	29.92	40.90	10.98	36.69
Gujarat	26	74.7	34.7	0.0	31.81	39.21	7.40	23.26
M.P.	17	54.0	17.1	1.9	15.78	25.10	9.32	59.06
Maharashtra	11	91.6	41.6	19.8	30.28	30.65	0.37	22.95
WEST ZONE	54	71.6	30.6	4.6	25.30	32.94	7.64	30.23
GRAND TOTAL	337	76.5	14.8	2.5	27.07	38.41	11.33	41.88