

FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2010-11

Sl. No	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	Oilseeds	Irrigated	Rabi 2011	Ground nut	TMV (Gn) 13		Introduction of HYV	Popularization of new variety TMV (Gn) 13	4	4	5	15	20	Nil
2.		Irrigated	Rabi 2010	Sesame	TMV(Si)7		Introduction of HYV	Popularization of new variety TMV (Si)7	4	4	7	13	20	Nil
3.	Pulses	Irrigated	Rabi 2010	Black gram	VBN (Bg)5		Introduction of HYV	Popularization of new variety VBN (Bg)5	4	4	4	16	20	Nil
4.		Irrigated	Rabi 2010	Green gram	VBN (Gm)3		Introduction of HYV	Popularization of new variety VBN (Gm)3	2	2	1	19	20	Nil
5.		Rainfed	Kharif 2010	Red gram	VBN (Rg)3		Introduction of HYV	Popularization of new variety VBN (Rg)3	4	4	3	17	20	Nil
6.	Cereals	Wetland	Samba 2010	Paddy	CO(R) 49		Introduction of HYV	Popularization of new variety CO(R) 49	2	2	2	8	10	Nil
7.		Wetland	Samba 2010	Paddy		CORH-3	Introduction of Hybrid rice	Popularization of new hybrid CoRH-3	2	2	-	10	10	Nil
8.	Vegetables	Irrigated	Kharif 2010	Snake gourd	PLR2		Introduction of HYV	Popularization of HYV PLR2	2	2	2	8	10	Nil
9.	Fruit	Rainfed	2010-11	Mango	Bangalora		Foliar nutrition	Foliar application of sulphate of potash 2% at peanut stage and 2 sprays at 15	2	2	1	9	10	Nil

								days interval						
10.	Fodder	Irrigated	Rabi	Cumbu Napier, Guinea grass, Desmanthus	Co4 Co(Gg)-3		Popularization of fodder bank	Popularization of fodder bank Cumbu Napier, Guinea grass, Desmanthus	1.04	1.04	4	11	15	Nil
11.	Plantation	Rainfed	2010-11	Cashew	VRI1		ICM	Soil moisture conservation and Spraying of Profenophos 5ml /L at flushing stage followed by chlorpyrifos 5ml/L at flowering stage and Carboryl 1g /L + Urea 4%	2	2	2	8	10	Nil
12.	Poultry	Back yard	2010-11	Turkey	-	-	Introduction of turkey	Popularization of Nandanam-1 Turkey birds	10 units	10 units	2	8	10	Nil
13.	Goat	Open grazing	2010-11	Goat	Tellicherry		Introduction	Popularization of improved tellicherry goat	5 units	5 units	1	4	5	Nil
14.	Implements	Terminal Drought prone areas	2010-11	Pulses	Mini mobile sprinkler		Introduction of mini mobile sprinkler	Mini mobile sprinkler for pulses	20	20	5	15	20	Nil
15.		Pulses Commodity groups	2010-11		Pulses Hulling machine		Introduction of pulses hulling machine	Popularisation of pulses hulling machine	2 tone	2 tone	3	17	20	Nil
16.	Others (Post Harvest Storage)	Retail markets	2010-11	Brinjal	-	-	Introduction of vegetable preservator	Popularisation of low cost vegetable preservator	1 tone	1 tone	4	16	20	Nil

5.A. 1. Soil fertility status of FLDs plots during 2010-11

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil (kg/ha)			Previous crop grown
										N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Oilseeds	Irrigated	Rabi 2010	Ground nut	TMV (Gn) 13		Introduction of HYV	Popularization of new variety TMV (Gn) 13	Rabi 2010	112	24	240	Sesame
2.		Irrigated	Rabi 2010	Sesame	TMV (Si)7		Introduction of HYV	Popularization of new variety TMV7	Rabi 2010	182	12	190	Black gram
3.	Pulses	Irrigated	Rabi 2010	Black gram	VBN (Bg) 5		Introduction of HYV	Popularization of new variety VBN (Bg) 5	Rabi 2010	112	24	240	Paddy
4.		Irrigated	Rabi 2010	Green gram	VBN (Gm)3		Introduction of HYV	Popularization of new variety VBN (Gm)3	Rabi 2010	162	35	240	Paddy
5.		Rainfed	Kharif 2010	Red gram	VBN (Rg)3		Introduction of HYV	Popularization of new variety VBN (Rg)3	Kharif 2010	134	8	226	Black gram
6.	Cereals	Wet land	Samba 2010	Paddy	CO(R) 49		Introduction of HYV	Popularization of new variety CO(R) 49	Kharif 2010	210	10	300	Black gram
7.		Wetland	Samba 2010	Paddy		CORH-3	Hybrid seed production	Popularization of new hybrid CORH-3	Kharif 2010	112	15	260	Black gram
8.	Vegetables	Irrigated	Kharif 2010	Snake gourd	PLR2		Introduction of HYV	Popularization of new variety PLR2	Kharif 2010	185	9	221	Bhendi
9.	Fruit	Irrigated	2010-11	Mango	Bangalora		INM	Spraying of SOP @ 2% at peanut stage and followup spray two times at 15 days interval	2010-11	176	12	213	-
10.	Fodder	Irrigated	Rabi 2010	Fodder bank	Cumbu Napier Co4, Desmanthus, Guines grass Co(Gg)-3		Rational Grazing	Planting Co4 Cumbu Napier, Desmanthus, Guinea grass in 1:1:1 land ratio	Rabi 2010	206	12	365	Maize
11.	Plantation	Rainfed	2010-11	Cashew	VRI 1		IPM	Soil moisture conservation and Spraying of Profenophos 5ml /L at flushing stage followed by chlorpyriphos 5ml/L at flowering stage and Carboryl 1g /L + Urea 4%	2010-11	178	8	241	-

5.B. Results of Frontline Demonstrations

5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)			Check	% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo					Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Oilseeds																			
Ground nut	Popularization of new HYV	TMV(Gn)-13		Irrigated	20	4	21	18	19.5	18.00	8.33	25800	68250	42450	2.64	25800	63000	37200	2.44
Sesame	Popularization of new HYV	TMV(Si)7		Irrigated	20	4	8.9	8.2	8.5	7.65	11.11	15050	32300	17250	2.14	15050	29070	14020	1.93
Pulses																			
Black gram	Popularization of new HYV	VBN (Bg)5		Irrigated	20	4	11.2	8.56	9.88	8.40	17.62	20701	59280	38579	2.86	20701	50400	29699	2.43
Green gram	Popularization of new HYV	VBN (Gm)-3		Irrigated	20	2	12.5	9.75	11.12	9.10	22.2	19900	55625	35725	2.79	19900	45500	25600	2.28
Red gram	Popularization of new HYV	VBN(Rg)3		Rainfed	20	2	9.25	7.50	8.37	6.45	29.77	15580	41875	26295	2.68	15580	32250	16670	2.06
Cereals																			
Paddy	Popularization of new Hybrid		CORH3	Wet land	10	2	97.6	82.2	89.9	73.6	22.15	38812	93496	54684	2.41	38812	76544	37732	1.97
Paddy	Popularization of new HYV	Co (R)49		Wetland	10	2	81.25	70.0	75.63	64.37	17.49	38465	78650	40185	2.04	38465	66950	28485	1.74
Vegetables																			
Snake gourd	Popularization of HYV	PLR2		Irrigated	10	2	390	350	370	160 (Tropical short)	131.25	73123	185000	111877	2.53	52980	80000	27020	1.51
Fruit																			
Mango	Foliar application of sulphate of potash 2% at peanut stage and 2 sprays at 15 days interval	Bangalora		Rainfed	10	2	190	156	173	152	13.82	33650	86500	52850	2.57	36019	76000	39981	2.11

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Fodder	Fodder bank	Co(CN)-4 Co(Gg)-3		Irrigated	16	1.04	3450	2900	3175	2400	32.29	24650	71978	47328	2.92	23750	78450	24700	4.04
Plantation																			
Cashew	Soil moisture conservation by application of coir pith 50kg/tree Spraying against tea mosquito bug Profenophos 5ml/L at fleshing Chlorpyriphos 5ml/L at flowering Carboryl 1g/L at peanut stage	VRI1		Rainfed	10	2	10.4	8.6	9.5	6.13	54.98	15322	38000	22678	2.48	11621	24520	12899	2.11

