

Front Line Demonstration (FLD)

5.A. Summary of FLDs implemented during 2009-10

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	Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Cereals	Irrigated	Kharif 10	Paddy	-	CORH 3	Popularization	Cultivation practices of hybrid under SRI method	8	8	-	20	20	-
4		Irrigated	Kharif 10	Paddy	CO 49	-	Popularization	Crop Production	4	4	-	10	10	-
5		Irrigated	Kharif 10	Paddy	BPT 5204	-	Farm Mechanization	Complete mecha - nization of Paddy	2	2	-	5	5	-
6		Irrigated	Rabi 10	Wheat	COW (W)1	-	Popularization	Cultivation practices of COW(W)1	2	2	-	10	10	-
7	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Vegetables	Irrigated	Rabi 10	Brinjal	Non descript	-	Pest management	Pheromone trap (water) @ 38 nos./ ha,(15 DAP) & replacing the lures once in a month + Removal & destru - ction of affected terminal shoots & fruits each time before spraying +spraying of Neem soap @ 2kg/ha on 25 th and 45 th DAP Tricogrammachilonis @ 5 CC/ha 6 time @ weekly intervals star -ting from 15 th DAP	1	1	-	5	5	Ongoing

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									Proposed	Actual	SC/ST	Others	Total	
9	Vegetables	Irrigated	Rabi 10	Tomato	-	Arka Ananya	Popularization	Cultivation practices	2	2	-	10	10	-
10		Irrigated	Rabi 10	French bean	-	Arka Anoop	Popularization	Cultivation practices	2	2	-	10	10	-
11		Irrigated	Rabi 10	Onion	CO (On) 5	-	Popularization	Cultivation practices	2	2	-	10	10	Ongoing
12	Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Fruits	Irrigated	Kharif 10	Mango	Bangalora	-	Nutrient Mgt.	Spraying of IIHR Mango special nutrient mixture	5	5	-	10	10	Ongoing
15		Rainfed	Rabi 09	Mango	Bangalora	-	Pest Management	Integrated management of mango fruit fly	5	5	-	10	10	Ongoing
16		Irrigated	Kharif 10	Banana	Ellaki	-	Nutrient Mgt.	Spraying of IIHR Banana special	4	4	-	10	10	-
17		Irrigated	Kharif 10	Banana	Ellaki	-	Post harvest management	Popularization of Banana bunch cover	1000 plants	1000 plants	-	10	10	-

5.A. 1. Soil fertility status of FLDs plots during 2009-10

Sl. No.	Category	Farming Situation	Season & Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season & year	Status of soil			Previous crop
										N	P	K	
1	Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-
2	Pulses	-	-	-	-	-	-	-	-	-	-	-	-
3	Cereals	Irrigated	Kharif 10	Paddy	-	CORH 3	Popularization	Cultivation practices of hybrid under SRI method	Kharif 10	L	M	H	Paddy
4		Irrigated	Kharif 10	Paddy	CO 49	-	Popularization	Crop Production	Kharif 10	L	M	H	Vegetables
5		Irrigated	Kharif 10	Paddy	BPT 5204	-	Farm Mechanization	Complete mechanization of Paddy	Rabi 10	L	M	M	Paddy
6		Irrigated	Rabi 10	Wheat	COW (W)1	-	Popularization	Cultivation practices of COW(W)1		L	M	M	Paddy
	Millets	-	-	-	-	-	-	-	-	-	-	-	-
7	Vegetables	Irrigated	Rabi 10	Brinjal	Non descript	-	Pest management	Pheromone trap (water) @ 38 nos./ ha,(15 DAP) & replacing the lures once in a month + Removal & destruction of affected terminal shoots & fruits each time before spraying + Spraying of Neem soap @ 2kg/ha on 25 th & 45 th DAP Tricogramma chilonis @ 5 CC/ha 6 time@ weekly intervals starting from 15 th DAP	Rabi 10	L	M	H	Vegetables

Sl. No.	Category	Farming Situation	Season & Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season & year	Status of soil			Previous crop
										N	P	K	
8	Vegetables	Irrigated	Rabi 10	Tomato	-	Arka Ananya	Popularization	Cultivation practices	Rabi 10	L	M	M	Paddy, Ragi
9		Irrigated	Rabi 10	French bean	-	Arka Anoop	Popularization	Cultivation practices	Rabi 10	M	M	H	Cabbage, Tomato
10		Irrigated	Rabi summer11	Onion	CO (On) 5	-	Popularization	Cultivation practices	Rabi summer 11	L	M	M	Ragi
11	Flowers	-	-	-	-	-	-	-	-	-	-	-	-
12	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-
13	Fruits	Irrigated	Kharif 10	Mango	Bangalora	-	Nutrient Mgt.	Spraying of IIHR Mango special nutrient mixture	Kharif 10	L	M	H	-
14		Rainfed	Rabi 11	Mango	Bangalora	-	Pest Management	Integrated management of mango fruit fly	Rabi 11	L	M	H	-
15		Irrigated	Kharif 10	Banana	Ellaki	-	Nutrient Mgt.	Spraying of IIHR Banana special	Kharif 10	L	H	M	Paddy
16		Irrigated	Kharif 10	Banana	Ellaki	-	Post harvest management	Popularization of Banana bunch cover	Kharif 10	L	H	M	Paddy

Sl. No.	Category	Farming Situation	Season & Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season & year	Status of soil			Previous crop
										N	P	K	
17	Spices and condiments	Irrigated	Kharif 10	Turmeric	Salem local	-	Disease Management	Rhizome treatment with Consortia of Pseudomonas & Trichoderma @ 10g / kg, soil application of Consortia @ 2.5 kg after 150 DAS	Kharif 10	L	M	H	Turmeric, chillies
18	Commercial	-	-	-	-	-	-	-	-	-	-	-	-
19	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-
20	Fodder	Irrigated	Rabi 10	Fodder bank	-	-	Popularization	Demonstration of Fodder bank	Rabi 10	L	M	M	Fallow
21	Plantation	-	-	-	-	-	-	-	-	-	-	-	-
22	Fibre	Rainfed	Kharif 10	Cotton	-	Bt	Crop Management	Integrated Crop Mgt	Kharif 10	L	M	M	Turmeric

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																							
Fruits																																
Banana	Micronutrient management in Banana	Ellaki	-	Irrigated	10	4	410.1	303.6	341.6	277.5	23.03	129550	546483	416933	4.22	106900	388555	281655	3.63													
Banana	Popularization of Banana bunch cover	Ellaki	-	Irrigated	10	4																										
Mango	Management of Fruitfly	Bangalora	-	Rainfed	10	5														Ongoing												
Mango	Micronutrient mgt in mango	Bangalora	-	Rainfed	10	5																										
Spices and condiments																																
Turmeric	Management of Rhizome rot in turmeric using bioagents	Salem local	-	Irrigated	25	5	60.00	55.00	58.30	50.00	16.68	70005	641300	571295	9.16	70440	550000	479560	7.81													
Comm-ercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
Medicinal & aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
Fodder																																
Fodder bank	Popularization of fodder bank	-	-	Irrigated	25	1	Ongoing																									
Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
Fibre																																