# FRONTLINE DEMONSTRATIONS

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

		Farming Situation	Season and			_	Thematic area		Are	a (ha)	No De	o. of farm emonstra	ers/ tion	
SI. No.	Category		Year	Сгор	Variety/ breed	Hybrid		Technology Demonstrated	Proposed	Actual	SC/ST	Others	Total	Reasons for shortfall in achieveme nt
	Oilseeds													
	Pulses													
	Cereals	Irrigated	Rabi	Paddy		CORH3	SRI method of paddy cultivation	Hybrid seeds ,Fertilizers and pesticides	2.5	2.5	4	1	5	NA
		Irrigated	Rabi	Maize		COH(M) 5	Integrated Nutrient management	Hybrid seeds, Different kind of Bio fertilizers, micronutrients and organic and inorganic fertilizers.	5.0	5.0	3	10	13	NA
	Millets	Irrigated	Rabi	Maize		COH(M) 5	Integrated Nutrient management	Hybrid seeds, Different kind of Bio fertilizers, micronutrients and organic and inorganic fertilizers.	5.0	5.0	3	10	13	NA
		Irrigated	Rabi	Sorghum		CO(S)28 CO(S)30	Improved varietal introduction	Seeds,Fertilizers and pesticides	10.0	10.0	10	15	25	NA
	Vegetables													
		Irrigated	Rabi 2010- 11	Small Onion	Co On-5		Varietal introduction	Pouplarzation of Co-5 onion seeds	3	3	4	11	15	NA
	Flowers													
	Omennentst											_		
	Ornamental													
	Fruit													

	Irriga	-	Kharif 2010- 1	Mango	Bangalora		Disease management	Spray of Pseudomonas fluorescens (FP 7)	4	4	6	14	20	NA
	Irriga	ated K	Kharif 2010-	Mango	Banganap alli		Planting Method	High density planting	6.3	6.3	7	14	21	NA
Spice	es and ments													
Comn	mercial													
Medic and aroma														
Fodde	Irriga	ated A 2	NI 2010	Napier grass		C04	Popularisation of high yielding fodder hybrid grass	Popularisation of co4 hybrid grass	0.4	0.4	6	14	20	NA
Planta	ation													
Fibre														
Dairy														
Poultr	ry													
Rabbi	itry													
Pigeri	ry													
Sheej goat	p and inten		All easons	Sheep	Non descriptive	-	DewormingManag ement	Feeding the animals with Albendazole, Fenbendazole and Vitamin B complex	200 Animals	200 Animals	7	13	20	

				1			1	1	1			
Duckery												
Common												
carps												
Mussels												
Ornamental												
fishes												
 listies												
Oyster												
mushroom												
Button												
mushroom												
Vermicomp												
ost												
Sericulture												
Apiculture								1				
Implements												
, · · · · ·												
Others	Rainfed/	2010	Melia	Local	Agroforestry	Melia dubia based	2.0	2.0	2	3	5	
Trees	Partial	2010	dubia	Looal	system	agroforestry system	2.0	2.0		5		-
11663	Irrigation											

SI.	Category	Farming Situation	Season and	Crop	Variety/	Hybrid	Thematic area	Technology	Season and		Status of soil		Previous crop grown	
No.			Year	'	breed	,		Demonstrated	year	Ν	Р	К		
	Oilseeds													
	Pulses													
	Cereals	Irrigated	Rabi 2010-11	Paddy		CORH3	SRI method of paddy cultivation	Hybrid seeds ,Fertilizers and pesticides	Rabi 2010-11	Low	Low	Medium	Tomato,So rghum	
		Irrigated	Rabi 2010-11	Maize		COH(M) 5	Integrated Nutrient management	Hybrid seeds, Different kind of Bio fertilizers, micronutrients and organic and inorganic fertilizers.	Rabi 2010-11	Low	Low	High	Beans,Cau liflower	
	Millets	Irrigated	Rabi 2010-11	Sorghum	CO(S)28 CO(S)30		Improved varietal introduction	Seeds,Fertilizers and pesticides	Rabi 2010-11	Low	Low	Medium to High	Paddy,Veg etables	
	Vegetables													
		Irrigated	Rabi 2010-11	Small onion	Co On-5		Varietal introduction	Pouplarzation of Co- 5 onion seeds	Rabi 2010-11	Low	Medium	High	Sorgum Tomato	
	Flowers													
	Ornamental													
	Fruit													
		Irrigated	Kharif - 2010-11	Mango	Bangalora		Disease management	Spray of Pseudomonas fluorescens (FP 7)	Kharif - 2010-11	Low	Medium	High	Mango	
		Irrigated	Kharif - 2010-11	Mango	Bangan apalli		Planting Method	High density planting	Kharif - 2010-11	Low	Medium	High	Groundnut	
	Spices and condiments													
	Commercial													
	Medicinal and			1			1							

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

aromatic											
aromato											
Fodder											
Plantation											
Fibre											
Others Agroforestry	Rainfed/ Partial Irrigation	Rabi	Melia dubia	Local	Agroforestry systems	Agroforestry systems	Rabi 2010-11	Low	Low	low	Cotton,So rghum and Pulses

# 5.B. Results of Frontline Demonstrations

#### 5.B.1. Crops

· · · · · · · · · · · · · · · · · · ·	S.B.I. Crops															-			
Crop	Name of the technology	Variety	Hybrid	Farming situatio	No. of	Ar ea		Yield	l (q/ha)		% Increa		mics of der	nonstration	(Rs./ha)	*Economics of check (Rs./ha)			
Сюр	demonstrated	vanety	пурпа	n	De mo.	(ha )		Demo		Check	se	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
						Ĺ	Н	L	Α										
Oilseeds																			
Pulses																			
	Hybrid		CORH3	Irrigated	5	2.5	50.66	39.9	45.28	40.5	11.80	12650	27168	14518	1:1.15	13250	24300	11050	1:0.83
	seeds,Fertilize		СОКПЗ	Ingaleu	5	2.5	50.00	39.9	43.20	40.5	11.00	12030	27100	14516	1.1.15	13230	24300	11050	1.0.65
Cereals	rs and pesticides																		
	Hybrid seeds, Different kind of Bio fertilizers, micronutrients		COH( M) 5	Irrigated	13	5.0	55	41	48.0	44.0	9.09	15600	45600	30000	1:1.92	17250	41800	24550	1:1.42
	and organic and inorganic fertilizers																		
Millets	Seeds, Fertilizers and pesticides	CO(S) 30		Irrigated	25	10	40.20	21.00	30.55	24.50	24.69	9500	33605	24105	1:2.54	10350	26950	16600	1:1.60
Vegetables																			
	Popularization of Co-5 Onion seeds	Co on- 5		Irrigated	15	3	159	142	153	131	16.79	78326	168300	89974	1:2.1	79123	144100	64977	1:1.8
Flowers																			
Ornamental																			
Fruit																			
	Management of Anthracnose in Mango	Bangal ura		Irrigated	20	4	(Demo:		vering to N	Varble stag		of fruit dro	p was notic uit drop was		1	1	1	1	1

	High density planting in mango	Banag anapal li	Irrigated	21	6.3	Vegetat Average	ive stage Plant he	ight: 63 c	m									
Spices and																		
condiments																		
Commercial																		
Medicinal																		
and aromatic																		
Fodder	Popularisatio n of Co4 grass			20	2.0	3375	3175	3275		37.8	7500	12500	5000	1:1.6	5000	7750	2750	1:1.5
Plantation																		
Fibre																		
Others Trees	Melia dubia based agroforestry systems	Local	Partial irrigatio n/ Rainfed	5	2	162 Cm	73 cm	112cm	-	-								

\*\* BCR= GROSS RETURN/GROSS COST
H – Highest Yield, L – Lowest Yield A – Average Yield
Data on additional parameters other than yield (viz., reduction of percentage in weed/pest/ diseases etc.)

Data on other parameters in relation to technology demonstrated												
Parameter with unit	Demo	Check										
1000 grain weight in Paddy, grams	24.52	23.17										
100 grain weight in Maize, grams	30.76	28.95										
100 grain weight in Sorghum, grams	2.5	2.01										
Per clumb weight of small onion	83 g	72 g										