

## Details of FLDs Conducted During 2016-17

### Oilseeds:

#### Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	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
Groundnut	Disease Management	Seed treatment, Carbendazim@2gm/lit	21	02	15.2	12.0	26	31920	63840	31920	2:1	33456	49200	15744	1.47:1
Mustard	Nutrient Management	Quality HYV Mustard Var.(Nc-1) Seeds, Sulphur	15	02	11.6	9.10	27%	26672/-	51230/-	24558/-	1.92	24120/-	41300/	17180/	1.71
<b>Total</b>			<b>30</b>	<b>04</b>											

### Pulses

#### Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	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
Red Gram	Production management	Quality HYV Redgram Seeds	20	02	13.4	10.2	31	31800/-	64100/-	32300/-	2.01	25870/-	45740/-	29870/-	1.76
Green Gram	Production management	Quality HYV Greengram Seeds	12	02	Crop is standing			Standing							
<b>Total</b>			<b>32</b>	<b>04</b>											

### Other crops

#### Frontline demonstrations on other crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	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
Paddy	Nutrient Management	HYV.seeds & micronutrient mixture	16	02	43.2	34.6	24	26512/	47520/	21008/	1.79	20800/	34700/	13900/	1.66
Maize	Nutrient Management	HYV.seeds & micronutrient mixture	18	02	25.2	20.1	25	13400/	26200/	12800/-	1.95	13800/-	22300/	8500/-	1.68

Ragi	Nutrient Management	HYV.seeds & micronutrient mixture	16	02	7.7	6.1	26	22250/	24500/	22250/	2.1	11000/	18000/	17600/	1.63
Paddy	System Management	HYV.seeds & micronutrient mixture	10	02	63.5	49.1	29	33560/	63730/	30140/	1.89	27800/	49200/	21400/	1.76
Paddy	Disease Management	HYV.seeds & Fungicide	11	02	45.10	37.10	21	24660/	45834/	21174/	1.86	22400/	37900/	15500/	1.69
Paddy	Disease Management	HYV.seeds & Fungicide	12	02	42.4	34.5	22	23660/	42630/	18970/	1.80	20800/	34900/	14100/	1.66
Bitterguard	Disease Management	HYV.seeds & Fungicide	6	02	282.3	208.4	35	84690/	169380/	84690/	2.1	59700/	114400/	54700/	1.91
Onion	Production Management	HYV seeds, manure,PPC	10	02	260.0	185.0	40	104000/	208000/	104000/	2.1	68700//	129500/	60800/	1.88
Vegetable	Organic Farming	HYV seeds, Organic manure, bio-pesticide	12	02	162.1	-	-	290700/	56290/	27220/	1.86	-	-	-	-
Turmeric	Production Management	HYV seeds, Organic manure, bio-pesticide	12	02	192.0	154.0	24	164000/	333000/	169000/-	2.03	123500/	224000/	100500	1.81
Tomato	Protective Vegetable cultivation	HYV seeds, manure,PPC	7	2.5	250	170	47	82000//	21000/	128000/	2.5	75000/	130000/-	65000/-	1.73
Vegitable seedling	Nursery management	HYV seeds, manure,PPC	12	2	230.0	186.0	24	63000	132000	69000.00	2.09	42500.00	84000.00	41500.00	1.97

## Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	No of eggs/ bird/yr		% change in major parameter	Wt.at laying		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Poultry	Backyard Farming	Backyard poultry with Vanaraja Breed	10	10	169	71	238.0	1.8	1.35	2740	7605/-	4865/-	2.77	1985/-	3195/-	1210/-	1.6
Duckery	Backyard Farming	Backyard Duckery with Khaki Campbel Breed	10	10	181	84	215.5	1.8	1.4	3600/-	10860/-	7260/-	3.01	2580/-	5040/-	2460/-	1.95
Others (pl.specify)																	

Total			20	20													
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\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units/area ha	Yield in Kg ( ha)		% change in major parameter	Av. Wt of Fish(gms)		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps	Nutrient Management	Use of Micronutrient in fish pond	10	10nos 0.2ha	1500.000	997.000	150.45	250	190	43800/-	135000/-	91200/-	3.08	36000/-	84745/-	48745/-	2.35
Catfish	Resource management	Desi Magur Culture with carp in Seasonal pond	09	09nos 0.18ha	Carp - 780.00 Magur- 90.000 Total - 870.000	Carp - 500.000 Magur- nil Total - 500.00	174.0	Carp - 175 Magur- 90	Carp- 125 Magur- nil	26250/-	82500/-	56250/-	3.14	17250/-	42500/-	35250/-	2.46
Mono sex tilapia	New species introduction	Mono sex tilapia culture with carp	10	10nos 0.2h	Carp - 697.000 Tilapia - 170.000 Total - 867.000	Carp - 640.000 Tilapia -nil Total - 688.000	135.4	Carp - 155 Tilapia - 170	Carp - 160 Tilapia -nil	27800/-	76245/-	48445/-	2.74	24300/-	54400/-	30100/-	1.81
Others (pl.specify)																	
<b>Total</b>			<b>29</b>	<b>29nos 0.58 ha</b>													

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Farm Implements and Machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)				
					Demonstration	Check		Area	Check	Demo	Reduction	Area	Check	Demo	Reduction	
Cono - Weeder	Paddy(MTU-7029)	Agricultural Implements for weeding	13	0.50	FC-0.02ha/hour LR-50mandays/ha	FC-0.001ha/hour LR-100mandays/ha	FC-100 LR-200	1ha	50	100	50	1ha	7200	14600	7400	
Drum Seeder	Paddy(MTU-7029)	Agricultural Implements for paddy cultivation	18	0.50	F.C 0.125ha/Hr LR 16Man-hr/ha	F.C 0.025Ha/Hr LR 40Man-hr/ha	F.C-500 LR-60	1ha	2	5	3	1ha	375	765	390	
Power Reaper	Paddy(MTU-7029)	Agricultural Implements for paddy harvesting	15	5.0	7.5 Man hour	75 man hour	900	1 ha	75	7.5	67.5	1 ha	3650	13650	10000	
Foot operator Sprayer	Paddy(MTU-7029) and Bitter gourd	Agricultural Implements for paddy protection	32	0.65	0.3 ha/hr	0.13 ha/hr	131	1ha	1	0.375	0.625	1ha	35.62	175	110	
Potato digger	Potato	Bullock drawn digger	10	0.23	0.048 ha/hr	0.02 ha/hr	140	1ha	6	3	3	1ha	900	1050	150	
Water conservation measures	AF & AH	Vegetative measure	37	0.35	3500 plants	N.A.	100	1ha	N.A.				1 ha	N.A.	N.A.	N.A.
		<b>Total</b>	<b>110</b>	<b>4.6</b>												