

## Details of FLDs Conducted During 2023

### Cereals:

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Kodo Millet	Introduce new crop	Introduce new crop (Variety- RK-390-25)	2	2	7	0	5	0	8	1	20	1	21	

### 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 (Under SCSP Program)	Introduce new crop	Introduce new crop Var. (Lepakshi/K-1812)	54	3.53	29.8	-	-	85600	178800	93200	2.1	-	-	-	-
Groundnut	Introduce new crop	Introduce new crop Var. (Variety- Lepakshi/K-1812)	29	1.6	28.2	-	-	85600	169200	83600	1.98	-	-	-	-

\* 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

### 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
Green gram (Under SCSP Program)	Introduce new crop	Introduce new crop Var. (Variety- Virat/IPM-205-7)	35	2	12.5			30000	550000	25000	1.83				
Lathyrus	Introduce new crop	Introduce new crop Var. (Variety- Bidhan Khesari-1/Prateek)	13	0.82	8			20000	38000	22000	1.9				

**Other crops :**

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Bittergourd	Effect of PGRs	Effect of PGRs on Bitter gourd Cultivation	30	0.5	240	195	23.08	-	-	135000	336000	201000	2.49	127500	263250	135750	2.06
Brinjal	Organic cultivation	Organic cultivation of Vegetable crops	30	0.5	312	265	17.74	-	-	112500	249600	137100	2.22	116250	185500	69250	1.60
Chilli	Organic cultivation	Organic cultivation of Vegetable crops	30	0.25	105	87	20.69	-	-	150000	315000	165000	2.10	142500	261000	118500	1.83
Marigold	Cultivation of marigold	Cultivation of marigold	20	0.2	65	52	25.00	-	-	150000	325000	175000	2.17	150000	260000	110000	1.73
Gladiolus	Cultivation of Gladiolus	Cultivation of Gladiolus	20	0.3	2.1 Lakh (spike/ha)	1.8 Lakh (spike/ha)	16.16	-	-	600000	1260000	660000	2.10	450000	810000	360000	1.80
Dragon fruit	Dragon Fruit cultivation	Scientific cultivation of dragon Fruit in the red and lateritic zone of Jhargram	30	0.2	286	-		-	-	125700 (5Yr)	-	-	-	-	-	-	-
Potato	IDM	Application of Validamycin +(Carbandizem + Mancozeb) to control Late Blight	21	2	284.5	212.5	33.88	21.6	48.4	117712	199150	81438	1.69	113680	148750	35070	1.31
Bottle guard	IPM	Application of (Chloropyrifos + Cypermethrin) 55 EC to control Red pumpkin Beetle	22	2	266.8	197.5	35.09	16.2	44.6	88622	160080	71458	1.81	84556	118500	33944	1.41

Mustard	INM	Application of Boron and Sulphur in flowering and Pod forming stage	10	2	15.5	12	29.1	-	-	30200	64931	34731	1:2.15	28160	51814	23654	1:1.83
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