

Others (Pl. specify)																	
Total																	

* 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

8. Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*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																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
Total																	

* 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

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development	Oyster Mushroom Production	25	1.5 kg. per Bag	-	-	-	-	50/bag	200/bag	150	3.0	-	-	-	-

Button mushroom	Enterprise development	Button Mushroom Production	10	2.0 kg per bag		-	-	194/bag	358/bag	164	0.84	-	-	-	-
Vermicompost															
Sericulture															
Apiculture															
Others (pl.specify)															
Total															

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

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10. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	Demonstration	
Women					
Drudgery Reduction					
Enterprises					
Farming System					
Health and nutrition					
Kitchen Garden	02	Household food security by kitchen gardening and nutrition gardening	0.5 kg per day	1.25 kg per day	225
Nutrigarden					
Storage Technique					
Value addition					
Women Empowerment	01	Income Generation	-	1200/ month	10
Others					
Total - Women					
Children					
Health and nutrition					
Others					

and machineries										
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										
Total of Others										

* 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

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	08.11.2023, 23.12.2023	02	100	
2.	Farmers Training	04.04.2023,15,04,2023, 11.07.2023	03	74	
3.	Media coverage	16.07.2023, 29.11.2023, 23.12.2023	03	-	
4.	Training for extension functionaries	13.09.2023, 14.10.2023, 29.11.2023	03	224	

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1.	Paddy	Tractor operated inclient plate planter is very suitable for DSR (Dry field condition) for reduction of cost of cultivation
2.	Bruinjal	Crop stablishment on raised bed is found suitable for crop growth and productivity
3.	Green gram	The yield obtained from Zero tillage sown plots is found sustainable
4.	Mushroom	Production of oyster mushroom helpfull in eradication of malnutrition among farming communities

A. PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD)

1. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Rape seed (Rai) Rabi 2022-23	Locally unidentifed	8.3	210	225	(-)240	Rajendra Suflam+ Varietal replacement & IPM	100	40	14.25	11.5	13.25	37.35	11.62	11.67
2.	Linseed Rabi 2022-23	Locally unidentifed	6.3	205	230	(-)385	Sabour Tisi-1 + Varietal replacement & IPM	75	30	11.2	9.6	10.30	24.27	21.89	14.17
3.	Lentil Rabi 2022-23	Locally unidentifed	12.5	290	275	(-) 420	HUL 57+ Varietal replacement & IPM	50	20	15.9	10.6	14.58	32.78	31.42	27.1
4.	Green Gram (summer) Summer 2023	Locally unidentifed (small grain)	6.7	220	230	330	Sikha Varietal replacement and INM	50	20	9.7	6.85	8.7	28.16	30.63	42
5	Rape seed (Rai)	Locally unidentifed					RH 725 +	100	40						Crop Standin

	Rabi 2023	d					Varietal replacement & IPM											g
6	Linseed Rabi 2023	Locally unidentified					Sabour Tisi-1 + Varietal replacement & IPM	25	10									Crop Standing
7	Lentil Rabi 2023	Locally unidentified					IPL 316 + Varietal replacement & IPM	50	20									Crop Standing

2. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	Rajendra suflum, seed treatment with Carbendazim @2 gm /kg of seed + foliar spray of carbendazim @2gm/lit. of water at the time of flowering, Pendimethalin @1l/acre, sulphur@30kg/ha, imidachloropid, @250ml/ha, Multiplex nutrient mixture @250ml/acre	16230	38950	22720	2.39	19640	60955	41315	3.10
2.	Sabour Tisi-1, seed treatment with Carbendazim @2 gm /kg of seed + foliar spray of carbendazim @2gm/lit. of water at the time of flowering, Pendimethalin @1l/acre, Multiplex nutrient mixture @250ml/acre	13540	32650	19110	2.41	15450	48850	33400	3.16
3.	HUL-57 seed @40kg/ha, Seed Treatment carbendazin@2.5g/kg, pendimethalin@3.3l/ha,Rhizobium20g,PSB20g/kg seed, Multiplex 250 ml/acre,Biofert	16850	40870	24020	2.42	18930	62195	43265	3.28
4.	Sikha, Seed Treatment carbendazin@2.5g/kg, pendimethalin@3.3l/ha,Rhizobium20g,PSB20g/kg seed, Multiplex 250 ml/acre,Biofert	22890	32500	9610	1.42	24675	43500	18825	1.76

3. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Rapeseed Mustard/ Rai (Rajendra suflam), Varietal replacement & IPM	22100	195.75	55	5	5	For enhancement of farming activity & household consumption	11
2	Linseed (Sabour Tisi-1), Varietal replacement & INM	16140	315.5	45	20	20	For enhancement of farming activity & household consumption	6
3	Lentil (HUL 57), Varietal replacement & INM	31960	265	48	40	40	For enhancement of farming activity & household consumption	10
4	Green gram (Sikha)	17400.00	220.00	50.00	Nil	Nil	1. Household consumption 2. Sale of seed for procurement of paddy seed 3. Savings	22.5

B. Pulse / Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Varietal replacement & IPM (Rajendra Suflam)	The crop is suitable to the farming system	Practicing INM and IPM enhanced the yield performance	Yes, low price and easy to applicable & suitable in late sown condition	Attack of aphids	Yes, preferably acceptable	MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
2	Varietal replacement & IPM (Sabour Tisi-1)	The crop is suitable to the farming system	Possibility of cultivation in paira cropping mode	Less cost of cultivation	Minor attack of wilt & alternaria leaf spot	Yes, acceptable due to low cost of cultivation without requirement of any irrigation facility	Variety with more higher yield than local variety should incorporate.
3	Varietal replacement & IPM(HUL-57)	The crop is suitable to the farming system	Possibility of cultivation in paira cropping mode	Less cost of cultivation	Minor attack of wilt	Yes, acceptable due to low cost of cultivation without requirement of any irrigation facility	MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
4	Varietal replacement and IPM	The crop is suitable to the farming system	Improved variety and technology of cultivation is preferred by the farmers	Good	Not observed	Yes	New variety is demand, measures to control weed infestation

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Rape seed/Mustard (Rabi 2022-23)			
1. The crop is suitable to the farming system	Satisfactory yield obtained	33.13 % higher yield obtained over local check	Varietal acceptance for future cropping plan
2. Seed treatment with fungicide @ 2.5 gm/kg seed with carbendazim 3. Application of imidachlorprid 17.8SL @ 1ml/L of water	Incidence of white rust is low due to seed treatment Incidence of sucking pest is low due to seed treatment		MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
Linseed (Rabi 2022-23)			
1. The crop is suitable to the farming system	Satisfactory yield obtained	03.46 % higher yield obtained over local check	Variety is at par with the local variety
2. Seed treatment with fungicide @ 2.5 gm/kg seed with carbendazim 3. Application of monocrotophos @ 500ml per Acre of land	Incidence of wilt is low due to seed treatment Incidence of leaf cutter pest low due to seed treatment		MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
Lentil (Rabi 2022-23)			
1. Varietal Demonstration	Satisfactory yield obtained	27.84 % higher yield obtained over local check	Varietal acceptance for future cropping plan
2. Application of bio fertilizer for seed treatment with Rhizobium @ 5gm/kg seeds 2. Treatment with 2.5gm	Incidence of wilt is low due to seed treatment with chemical fungicide & better yield with application of bio-fertilizers.		MSP should be such that it overcomes the negative effect of damage due to adverse weather condition

carbendazim with 1 kg of seeds. 3. Application of insecticide @ 3ml/L of water 4. Spray of Multiplex @ 3 L/ha	Incidence of borer is low due to spray of Chlorpyriphos 50% + Cypermethrin 5% EC		
Green Gram (Summer 2023)			
1. Varietal Demonstration	Satisfactory yield obtained	33.84 % higher yield obtained over local check	Varietal acceptance for future cropping plan
2. Spraying of Imidachloprid for the management of YVMV vector white fly	Low incidence of YVMV		Demand of small seed size variety due to taste difference

D. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training Programme	10.01.2023, 24.01.2023, 03.02.2023,14.02.2023, 02.08.2023,	184
2.	Diagnostic Vist	11.01.2023, 13.01.2023,21.01.2023, 01.02.2023, 03.05.2023, 08.08.2023,17.08.2023	69
3.	Field Day	20.03.2022,12.04.2023	51