

ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

S.No	Crop category	No. of FLD	Area	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereal Wheat Rabi 2023-24	1	4.0	10	41.4	39.2
	Cereal Wheat Rabi 2023-24	1	13.6	34	41.2	39.4
	Cereal Paddy (R. sweta) Kharif 2024	1	10	22	40.2	37.8
	Cereal Wheat (DBW187) Rabi 2024	1	10	31	Standing	
	Cereal Rice Kharif 2024	1	16.0	40	41.5	38.6
	Cereal Paddy (R. Sweta)	1	16	40	43.3	40.1
	Cereal Paddy (R. Sweta) Kharif 24	1	8	20	40.4	38.1
	Cereal Paddy	1	10	25	40.7	33.3
2.	Oil Seed					
3.	Pulses Gram (Sabour Chana-1)	1	1.25	8	Standing	
	Gram (Sabour Chana-1) Rabi 2024	1	2.0	38	Standing	
4.	Horticulture Crops (Marigold)	1	1	10	96.2	90.4
5.	Other crops Oat (Kent)	1	3.25	40	Standing	
6.	Hybrid crop					
7.	Livestock Vanraja Poultry farming for dual purpose (meat & Egg production)	1	360 chick (Poultry)	24	1.5 kg avg. body gain after 6 month	0.8 kg avg. body gain after 6 month
	Poultry Kadknath (back yard poultry farming)	1	700 chick (Poultry)	35	Avg. body wt. 1.5 kg/bird after 6 month (2% Mortality)	Avg. body wt. 0.8 kg/bird after 6 month
	Duck Khakhi cambell (Back yard Poultry farming)	1	200 duck	40	1.2kg avg. body wt. gain & 5% mortality	0.69 kg avg. body wt. gain
	Sorted semen Desired sex (male or female Calf) and Milk production.	1	30 unit	30	8 Litre/day/cow	6 litre/day/cow
	FMD (Cattle) FMD(Cattle)	1	205	37	20% mortality	30% mortality
	PPR (Goat) PPR(Goats)	1	430	30	20% mortality	80% mortality
8.	Other enterprises	1	20 unit	20	11.32	9.76

Gram (Sabour Chana-1)	ICM	Seed vr. Sabour chana-1, R. Culture, PSB & Agronomic management practices	8	1.25	Standing													
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2. Pulses

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)						
					De mo	Ch eck		Gr oss Co st	Gr oss Ret urn	Net Ret urn	** B C R	Gr oss Co st	Gr oss Ret urn	Net Ret urn	** B C R			
Gram (Sabour Chana-1) Rabi 2024	Crop Production	Protein based crop cultivation	38	2 ha	Standing													
	Total		37	2 ha														

3. Horticultural crops (separately Fruit, Vegetables, Flower, Medicinal and aromatics, etc.

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)			
					De mo	Ch eck		Gr oss Co st	Gr oss Ret urn	Net Ret urn	** B C R	Gr oss Co st	Gr oss Ret urn	Net Ret urn	** B C R

Vegetable Pea PB 89 Rabi 2024	Crop production	Organic cultivation of vegetables	36	1 ha				Harvesting going on								
	Total		36	1 ha												

4. Livestock

Category	The matic 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 (lit/kg)	Check (lit/kg)		Demonstration Ratio (qtl/ha)	Check (qtl/a)	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
1. Dairy	Fodder management	a. Sorghum (Red Cheri) fodder grass production for milk production	20	20	11.32	9.76	1.56	563	502	1700	5630	3920	3.2	1830	5020	3190	2.7
	Fodder management	b. H. Napier	40	200 roots	9.4	8.9	0.5	345	New introduced	5030	7050	2020	1.4	4850	6675	1825	1.3
	Nutritional management	Mineral mixture (40-50g day) for control of infertility	50	50	8.6 liter/day	8.0 liter/day	0.6 liter	Conception Rate (60%)	Conception Rate (40%)	45,500	77,400	31,900	1.7	45,000	72,000	27,000	1.6

2. Poultry	Poultry management	Vanraja Poultry farming for dual purpose (meat & Egg production)	24	360 (Chickens)	After 6th months (1.5kg average body wt. gain)	After 6th months 0.8kg (average body wt. gain)	0.7kg	0	0	41940	153900	111960	3.6	45250	72000	26750	1.5
	Poultry management	Kadknaath (backyard poultry farming)	35	700 (Chickens)	Average body weight 1.5 kg/bird after 6 months of age (2% Mortality)	Average body weight 0.8 Kg/bird at 6 th months of age	0.7kg	0	0	49250	128800	79550	2.6	45250	72000	26750	1.5
3. Duckery	Poultry Management	Khakhi cambell (Backyard Poultry farming)	40	200 (Ducks)	After 5th months (1.2kg average body wt. gain & 5 % mortality)	After 5th months (0.9 kg average body wt. gain)	0.3kg	0	0	34000	64800	47000	1.9	20000	32400	12400	1.6
4. Sorted semen	Dairy Management	Desired sex (male or female Calf) and Milk production.	30	30	8 liter/day/cow	6 liter/day/cow	New Tech	14 conceived	0	43000	111000	68000	2.5	0	0	0	
5. Vaccination	Disease management	FMD (Cattle)	37	205	20% Mortality	30% Mortality	60%										
		PPR (Goats)	30	430	20% Mortality	80% Mortality	60%										
Total																	

5. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	Demonstration	
Women					
Drudgery Reduction	150	Small farm implemnts (Sickle)	25	175	175

Enterprises					
Farming System	50	Backyard Poultry farming	10	50	50
Health and nutrition	45	Nutrient rich small millets	5	45	45
Kitchen Garden	100	Establishment of Nutrition garden	20	80	100
Nutrigarden	100	Establishment of Nutrition garden	15	100	100
Value addition	2	Pulverrizer and Flour making machine Mill	0	2	Two SHG's group