Results of Frontline Demonstrations

Crop	Name of the technology demo nstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				%	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			k
								Demo	•	Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oilseeds (Brown Sarson)	Variety, INM & IDM	SS-2	-	Irrigated	50	20	50	20.0	15.20	9.70	56.70	52000	135000	83000	2.5:1	45700	82750	37050	1.8:1
Pulses																			
Cereals (Paddy)	Variety, Crop Management	SR-4	-	Irrigated	25	6.25	25	6.25	82.50	65.0	26.90	132320	225000	92680	1.7:1	122000	180000	58000	1.4:1
	Multi grain Atta formulation to SHG Women	Commercial Varieties		Poor nutrient management in families	15	-	FLD is ongoing (started in the month of December 2022). Initial reading for families wer noted and its impact on health will be calculated after 6 months			22). ies were i health	-	-	-	-	-	-	-	-	-
Maize	Variety, Crop Management	Shalimar Maize Hybrid-1	-	Rainfed	40	2.5	50.5	-	-	30.50	35.55	55000	112500	57500	2.04:1	55000	85000	30000	1.5:1
Millets	Popularization of Millet based Products	Millet based Products (Ragi based products viz. Ragi Nutri, Ragi flakes and Ragi atta)	-	-	05	-	Highest Sensory score and overall acceptability was for ragi flakes and then ragi Nutri. Ragi flour was least accepted as chapatti from ragi flour was less extendable and turns stale after few hours of storage.			1	,	-	1	-	-	-	,	1	-
Vegetables	Nutri-garden for Management of Better Health	-	Hybrid varieties of vegetables as per season(Rabi &Kharief)	Poor nutrient management in families	02	0.015	FLD is ongoing and its firs trial was sowed in the Rab Season. Initial reading fo families are noted and it impact on health will b calculated after 6 months				-	-	-	-	-	-	·	1	
Flowers																			
Fruit						1													<u>J</u>

Crop	Name of the technology demo nstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				%	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo)	Check	Increase	Gross	Gross	Net	**	Gross	Gross	Net	**
												Cost	Return	Return	BCR	Cost	Return	Return	BCR
Oilseeds (Brown Sarson)	Variety, INM & IDM	SS-2	-	Irrigated	50	20	50	20.0	15.20	9.70	56.70	52000	135000	83000	2.5:1	45700	82750	37050	1.8:1
Spices and condiments																			
Commercial																			
Medicinal and aromatic																			
Fodder		(SFO-3)	-	Rainfed	130	5.0	130	5.0	17.20	10.80	38.37	60500	116500	56000	1:1.92	56000	83000	27000	1:1.48

^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST; H – Highest Yield, L – Lowest Yield A – Average Yield