

FLD Conducted in the Year 2012-13

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Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety/Technology/ Entreprizes	Results (q/ha)		% change	No. of farmers				
						Demons	Check		SC	ST	OBC	Others	Total
Varietal assessment	Arhar	2012 Kharif	Improved varieties	7	Rajeev Lochan	9.50	8.20	15.85	01	23	05	01	30
Varietal assessment	Sesame	2012 Kharif	Improved varieties	5.0	TKG-306	5.60	4.20	33.0	-	14	-	-	14
SRI	Paddy	2012 Kharif	SRI	12.40	Indira Maheshwari	52	38	36.84	-	17	05	-	22
Varietal assessment	Gram	2012-13 Rabi	Improved varieties & use of culture	5.0	Jaki-9218	9.35	7.40	26.35	25	-	-	-	25
Varietal assessment	Mustard	2012-13 Rabi	Improved varieties & use of culture	5.0	Chhattisgarh Sarson	8.9	5.30	67.90	-	-	13	-	13
Seed Production	Seed production on Wheat	2012-13 Rabi	Improved varieties	20.0	GW-273	25.40	19.49	30.32	-	-	-	20	20
Disease Management	Gram Wilt	2012-13 Rabi	Use of culture	8.60	<i>Trichoderma</i> and <i>Rhizobium</i> cultures for seed treatment	7.40	6.35	16.53	-	14	-	-	14

Economics of FLD :

Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Arhar	Improved varieties and use of culture	No. of pods per plant	170	139.5	11000	10000	36575	31570	25575	21570	1:3.3	1:3.1
Sesame	Improved varieties	No. of pods per plant	94.6	78.8	8500	7000	23520	17640	15020	10640	1:2.76	1:2.5
Paddy	SRI	No. of panicles per meter sq. area	582	365	21000	18000	65000	47500	44000	29500	1:3	1:2.6
Gram	Improved varieties, line sowing & seed treatment	No. of pods per plant	80.3	63.2	9500	8400	26180	20720	16680	12320	1:2.7	1:2.5
Mustard	Improved varieties & use of culture	No. of branches per plant	7.3	5.9	8500	7500	22250	13250	13750	5750	1:2.61	1:1.8
Seed production on Wheat	Improved varieties	1000 grain weight	31.92	31	20000	17000	48260	37031	28260	20031	1:2.4	1:1.7
Gram	Application of <i>Trichoderma</i> and <i>Rhizobium</i> culture as seed treatment	Disease incidence /sq.meter	9.24	21.32	8800	8400	20,720	17780	11920	9380	1:2.35	1:2.11