

Five year FLD report

Crop	Variety	No. of farmers	Area (ha.)	Demonstration yield (ha)			Local check (ha)			Increase (%)	Effective gain (Rs./ha)
				Av. Yield (kg/ha)	Cost (Rs./ha)	Return (Rs./ha)	Av. Yield (kg/ha)	Cost (Rs./ha)	Return (Rs./ha)		
1	2	3	4	5	6	7	8	9	10	11	12
Year 2008-09											
Paddy (New variety)	GR 7	40	10	3936	19,770	57,568	3188	22,600	46,564	23.46	11,004
Paddy(CP)	GR12	10	5	4416	13,255	40,030	4008	16,000	33,144	10.18	6,886
Pigeon pea	GT-1 (Veg.)	14	5	4987	14,430	74,798	3842	11,055	38,424	29.78	36,374
Wheat	GW 322	40	20	4336	12,138	43,360	3750	12,363	33,750	13.92	9,610
Sugarcane	CoN-05071	10	5	108000	37,400	1,08,000	81000	39,900	81,000	33.29	70,600
Elephant foot (INM)	Local	11	5	4170	87,038	2,08,500	3470	88,067	1,73,500	16.78	35,000
Low cost green house	1 gunth area	50	5	15980	3970	12010	--	--	--	--	--
Brinjal (INM)	Surtiravaiya	13	2.7	17600	46252	129748	15800	42540	99660	11.39	30088
Onion (INM)	Talaja red	18	3.6	43130	51350	129796	38500	49870	104130	12.03	25666

Chilli (INM)	Hy. Semini	8	1.8	32190	47235	145905	27440	41985	122655	17.31	23250
Okra (INM)	Hy. My-10	5	1.1	20200	56940	145060	17500	51690	88310	15.4	56750
Cabbage (INM)	Golden acre	1	0.9	38140	28790	123770	33530	23460	110660	13.75	13110
Tomato (INM)	Hybrid	1	0.9	44900	63630	115970	39140	60140	88592	14.13	27378
Brinjal (IPM)	Surati Ravaiya	10	5	18884 (9.35% infest.)	19980	74440	16104 (22.29% infest.)	22610	57910	17.2	16530
Paddy (PP)	Gurjari (IPDM)	20	5	4319	20,850	55,680	3652	23,980	48,650	18.26	7,030
Fresh water fish	IMC	2	5.6	2650	87,723	1,59,000	1200	55,675	60,000	54.72	99,000
Year 2009-10											
Paddy (New variety)	NAUR-1	253	62	4120	14320	31000	3740	12500	28640	10.1	2360
Paddy (IPDM)	Available	110	55	4353	20225	47883	3678	22760	40458	18.35	2697
Pigeon pea (New variety)	Valshali	135	20	1038	8970	46100	720	6890	26200	44.1	19900
Soybean (New variety)	G.Soy-2	44	5	1306	9000	52240	1134	8000	39690	13.16	12550

Mango (Early flowering)	Avai.	20	5	9480	26460	106260	7970	21430	78195	18.9	28065
Gram (New variety)	GG-2	31	6.26	1555	12700	65030	1347	10500	43380	15.44	21650
Wheat (New variety)	GW-322	49	10	4114	13575	35733	3745	13800	16160	9.85	19573
Sugarcane	CO-N-5071	10	5	118000	38200	127000	92450	40400	89030	27.6	37970
Elephant foot (New variety)	Gajendra	10	1	4292	20860	56777	3484	19750	52948	23.19	3829
Fish	Grass Carp	11	5	2100	25200	147000	1000	38200	70000	110	77000
Elephant foot (INM)	Local	15	5	34400	23420	148580	31490	19750	137700	9.24	10880
Brinjal (INM)	Surtiravaiya	44	8.9	18300	49670	105880	16000	43420	84580	14.38	21300
Onion (INM)	Talaja red	50	16.20	45200	53890	117870	39180	49765	95201	15.36	22669
Chilli (INM)	Hy. Semini	50	10.12	31500	58465	99035	26560	54350	78450	18.60	20585
Okra (INM)	Hy. My-10	20	4.45	21100	52480	137420	18400	55430	91770	16.57	45650
Cabbage (INM)	Golden acre	12	3.24	40090	32585	119757	34590	29860	98123	15.90	21634
Tomato (INM)	Hybrid	75	20.02	47510	64555	115983	41010	60560	95278	15.85	20705
Low cost green house (leafy vegetable &	1 gunth area	53	5.3	15430	3890	11540	--	--	--	--	--

seedling grow)											
Year 2010-11											
Paddy (New variety)	NAUR 1	187	54.08	3856	12720	77750	3735	10,500	53880	3.13	23870
	GAR-13	7	2.00	3667	13575	49368	3432	13,800	29960	6.4	19408
	P-1460	1	0.20	5689	22760	48560	4550	19750	37350	20.0	11210
	PS-5	7	0.40	3300	22760	52670	3533	19750	34320	-7.0	18350
	PRH-10	12	0.80	3285	20225	56890	3286	22760	45500	-	11390
	PB-1121	11	4.00	2867	20225	33000	4118	22760	35330	-43.63	-
	PB-1	2	0.40	3841	20225	32850	4475	22760	32860	-16.50	-
Paddy (SRI)	GAR 13 & PB 1121	33	7.33	3953	20225	43087	3782	22760	41180	4.32	1907
Tur (New variety)	Vaishali	20	120	1135	8750	36650	942	6980	30700	20.4	5950
Soybean (New variety)	G.Soy-2	5	30	1423	8900	21345	1125	8100	16875	26.4	4470
Brinjal (IPDM)	Available	5	10	16,445	14,640	56,587	14,440	17,325	52,369	15.27	4,218
Green gram (New variety)	C4	2	6	1209	16,050	42,315	1017	15,350	35,595	18.84	6,720
Sunnhemp + paddy	-	10.47	49	59,21**	22400	42731	3,820**	15690	26330	55	16401

Year 2011-12

Paddy (New var.)	NAUR-1	1316	263.2	4438	23,950	53,256	4013	25,550	48,156	10.5	5100
	GNR-2	137	35.34	3603	23,950	43,236	3592	25,550	43,104	-0.3	132
	GNR-3	17	9.5	5155	23,950	80,860	4090	25,550	49,080	26.0	31,780
	PRH-10	4	1.6	4880	23,950	58,560	4598	25,550	55,176	6.0	3384
	GAR-1	4	1.0	4283	23,950	51,396	4025	25,550	48,300	6.4	3096
	GR-13	4	1.0	4438	23,950	53,256	4013	25,550	48,156	10.5	5100
Finger millet (New var.)	GN-4, GN-5	17	4.25	12.55	12.55	11,150	18,825	10.15	10,650	15,225	23.6
Tur (New var.)	Vaishali	80	10	1124	1122	9975	45200	932	7330	27542	20.38
Paddy (IPDM)	NAUR-1	10	2	47.45	4745	23,950	56,940	4738	25,525	56,856	0.15
Castor(New var.)	GCH-4	4	4	2019	19,625	66,350	1875	19,250	60,125	7.68	6,225
	GCH-7	4	4	3160	18,620	95,525	2660	17,620	70,605	18.8	24,920
Turmeric (New var.)	Sugandham	10	1.0	249.48	140160	84372	208.00	115160	72040	19.94	12332
	NAUT-1	3	0.3	242.25	140160	77865	208.00	115160	72040	16.46	5825
Elephantfoot yam (New var.)	Gajendra	10	1.0	849.70	111375	313475	546.80	74960	198440	55.39	115035
Kitchen	1 gunth	50	50	115.47	580	2309.4	58.40	320	1168	97.7	1141

garden	area		unit								
Cow	Cross breed	25	25	8 lit/day	17,100	42,600	7 lit/day	16,300	36,600	11.11	6000
Sugarcane (Seed treatment)	Available	10	5	115800	95400	170940	103600	90600	147680	11.7	23260
Oat (New var.)	Kent, JHO-822	20	2	36,285	11910	72570	30400			19.3	
Paddy (New var.)	GNR 3	8	6.4	5255	25,652	62,750	4190	26,052	50,158	25.41	12,592
Green gram (New var.)	Meha	537	88	1695	15,210	44,425	1340	15,350	36,268	26.4	8,157
Sweet Corn (Crop diversification)	S-75	367	59	8400	20640	49920	--	--	--	--	--
Urea treatment	-	25	-	7.5 lit/Day			7 lit/Day			7.1	
		2649	580.59								
Year 2012-13											
Paddy (New variety)	NAUR-1	550	89.4	5203	24680	40357	3935	26230	22957	32.22	17400
	GNR-2	246	49.2	4554	24140	32785	4217	26230	26483	7.99	6302
	GNR-3	307	61.4	4814	23230	36945	4233	26230	26683	13.72	10262
(SRI)	6201, 6444	10	2.5	8,064	38250	62550	5083	26230	37308	58.6	25242

Sorghum (new variety)	GJ-38	62	13.3	3828	9470	55606	3578	8370	52456	6.99	3150
	GJ-42	10	2.5	3974	9470	88088	3687	8370	54309	7.78	3779
	GFS-5	8	2.0	3847	9470	55929	3509	8370	51283	9.63	4646
Soybean (new variety)	Guj. Soy.-2	10	2.0	1688	12600	29600	1283	11400	20675	31.5	8925
Castor (new variety)	GCH-7	275	68.75	2567	19290	44885	1430	20350	35750	79.5	9135
Tur (new variety)	Vaishali	656	113.3	837	12320	21160	764	9410	31510	9.55	7650
Sweet corn (new crop)	Sugar-75	500	100.0	7180	11200	21375	61505	--	--	--	--
Finger millet (New variety)	GN-5	20	8.00	2532	11150	26830	2197	9410	23495	15.02	3335
Paddy (IPM)	Gurjari	25	10	4485	25910	30152	3985	26230	23582	12.50	6570
Turmeric (New variety)	Sugandham	75	15	25350	74500	193925	16910	59652	117015	49	76910
Elephant foot (New variety)	Gajendra	8	1	42454	89700	165029	39675	102600	135450	7.00	29574
Mango (new variety)	Sonpari	15	2				Crop is standing and survival rate is 74 per cent				
Mango(Fruit setting)	Cultar	50	25	10520	28544	106816	8092	21690	54690	47	52126

Kidney bean (new variety)	Guj. Val-1/2	57	5.7	875	17900	21500	590	15800	17740	48	3760
Gram (new variety)	GG 2	46	5	985	13960	95140	860	11430	40170	14.5	4970
Green gram (new variety)	CO4	80	20	980	14670	39200	845	13450	33800	15.9	5400
Mango(Fruit setting)	Available	300	120	10014.2	31870	118343	8271.6	28690	95384	21	22959
Brinjal (IPM)	Available	25	2.5	21397 (9.48 % damage)	20820	86165	18219 (22.38 % damage)	22840	68255	17.4	17910
Kitchen garden (kharif)	1 gunth vegetable	100 unit	1.00	114.14	540	2282	56.44	240	788	102.2	1904
Kitchen garden (Rabi)	1 gunth vegetable	150 unit	1.5	99.24	460	2517.2	44.20	215	1111	124.5	1406.2
Chilly (Mulching)	Available	16	3.2	18545	88450	189725	14693	78435	141960	26.2	47765
Okra (Off season cultivation)	Shakti, Shahiba, Kajal, OH-64	500	100	10730	70179	198246	7630	83308	93359	40.62	104887
Chiku (Use bio fertilizer)	Available	2000	400	18300	14739	274500	16000	12739	240000	14	34500
Sugarcane (IPDM)	Available	2000	1000	122400	103000	227480	110200	97800	199740	11	27740
Fruit fly control in mango	Available	8000	4000	10623 (% damage 3.99)	350	265575	7898 (% damage 30.31)	-	197450	34.5	68125
Fruit fly control in vine vegetable	Available	800	250	11270 (3.45 % damage)	520	112700	9520 (29.2%)	--	95200	18.3	17500

							damage)				
Yellow sticky in okra	Available	600	250	14120	5500	135700	12340	8500	114900	14.4	20800
Animal	Crossbreed cows	345	345 unit	12.0 lit/day			8.0 lit/day			50	
Fish	Indian major carp and grass carp	158	41								
Green gram (new variety)	Meha	500	108	1140	8940	42360	930	7620	29580	22.5	12780
Black gram (new variety)	T-9	110	25	790	6930	32570	580	5710	23290	36.2	9280
Ground nut (new variety)	TAG-37	44	9	1811	26116	64434	1519	27620	48330	19.2	16104