NAVSARI AGRICULTURAL UNIVERSITY

ANNUAL PROGRESS REPORT

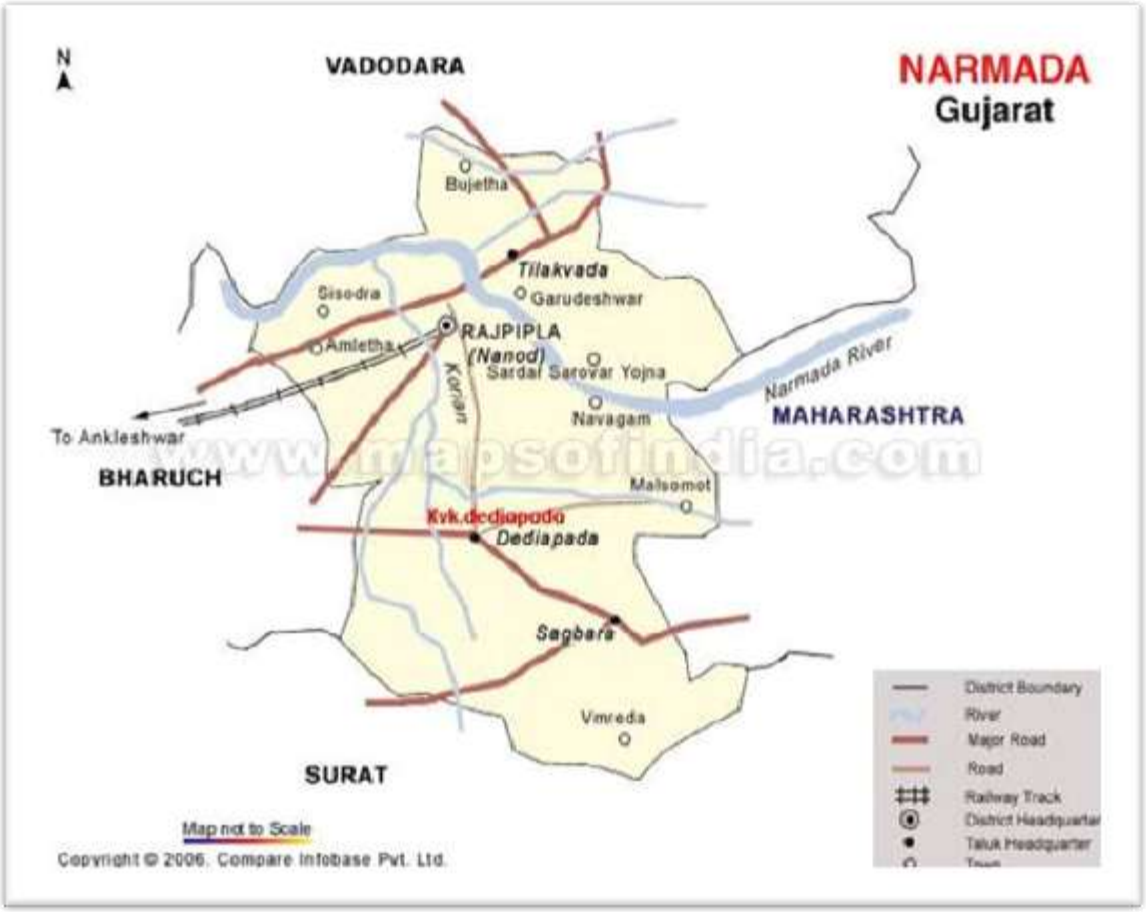
01-04-2012 TO 31-03-2013

Krishi Vigyan Kendra

Navsari Agricultural University
Dediapada – 393 040, Dist. Narmada
Phone : 02649 234501
E-mail : kvk_narmada@yahoo.in

ANNUAL PROGESS REPORT

(1/4/2012 to 31/03/2013)



NAVSARI AGRICULTURAL UNIVERSITY

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KRISHI VIGYAN KENDRA

NAVSARI AGRICULTURAL UNIVERSITY

DEDIAPADA, DIST: NARMADA, GUJARAT

INDEX

ANNUAL REPORT – 2012-13

(01.04.2012 TO 31.03.2013)

KVK, NAU, Dediapada, Dist: Narmada

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, NAU, Parsi Tekra, Dediapada- 393 040, District: Narmada, Gujarat	(02649) 234501	-	kvk_narmada@yahoo.in kvkdediapada@nau.in

1.2. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Navsari Agricultural University, Eru Char Rasta, Navsari-396 450, Gujarat	(02637) 282771 to 75	-	vc_nau@yahoo.co.in deenaunvs@yahoo.co.in

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. J. H. Rathod	8128686720	094278 25427	hariom.janaksinh@gmail.com hariom_janaksinh@sify.com

1.4. Year of sanction: 2006

1.5. Staff Position (as on 31st March, 2013)

Sl. No.	Sanctioned post	Name of Person	Designation	Discipline	Pay Scale (Rs.)	Date of joining	Category (SC/ST/ OBC/ Other)
1	Programme Coordinator	Dr. J. H. Rathod	Programme Coordinator	Entomology	37400-67000	22-01-12	Other
2	Subject Matter Specialist	Prof. S. R. Kumbhani	SMS	(Extension Education)	15600-39100	21-01-13	Other
3	Subject Matter Specialist	Dr. H.R. Jadav	SMS	Entomology	15600-39100	30-01-12	SC
4	Subject Matter Specialist	Vacant	SMS	Horticulture	15600-39100	--	--
5	Subject Matter Specialist	Dr. A.D. Raj	SMS	Agronomy	15600-39100	02-05-11	SC
6	Subject Matter Specialist	Vacant	SMS	Home Science	15600-39100	--	--
7	Subject Matter Specialist	Vacant	SMS	Animal Science	15600-39100	--	--

8	Programme Assistant	Mr. Y.D. Patel	Programme Assistant	--	10,000fix	21-10-11	
9	Computer Programmer	Mr. C. G. Lad	Computer Programmer	Computer	10,000fix	16-07-12	OBC
10	Farm Manager	Mr. A.N. Lad	Farm Manager	--	10,000fix	20-10-11	OBC
11	Accountant / office Superintendent	Mr. R. K. Tadvi	Office Superintendent /Accountant	--	--	--	
12	Stenographer* (OnDeputation)	Mr. J. S. Mahera	Jr. Steno Grade-3	--	5300 fix	22.08.08	OBC
13	Driver	Vacant	Driver cum Mechanic	--	5200-20200		
14	Driver	Mr. S. M. Sayaid	Driver cum Mechanic	--	5200-20200	23.08.2007	Other
15	Supporting staff	Mr. D. M. Patel	Supporting staff	--	4500 fix	22.08.2007	OBC
16	Supporting staff	--	Supporting staff	--	--	--	--

*** On deputation at Kamdhenu University, Gandhinagar(Gujarat) from 01.09.2012.**

1.6. Total land with KVK (in ha) : 21.60

Sr. No.	Item	Area (ha)
1	Under Buildings	0.5
2.	Under Demonstration Units	1.0
3.	Under Crops	17.5
4.	Orchard/Agro-forestry	-
5.	Others (specify)	2.60
	Total	**21.60**

1.7. Infrastructural Development:

A) Buildings

Sr. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	-	-	October 2008	550	Complete
2.	Farmers Hostel	ICAR	-	-	-	April 2010	320	Under construction
3.	Staff Quarters (6)	ICAR	-	-	-	Jan. 2010	400	Under construction
4.	Demonstration Units (2)	ICAR	-	-	-	-	-	-
5	Fencing	ICAR	-	-	-	-	-	On completion stage
6	Rain Water harvesting system	ICAR	-	-	-	-	-	-

7	Threshing floor	ICAR	-	-	-	-	-	Under progress
8	Farm godown	ICAR	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep (Bolero)	2007	4,78,482/-	1,46,431 (As on 23/03/12)	Good
Bike	2012	49000/-	4505 (As on 08/04/13)	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Trailer	26.03.2007	80,000	Working
Cultivator	26.03.2007	15000	Working
Plough	22.10.2008	4300	Working
Electronic balance	20.08.2009	8000	Working
Scale balance	09.03.2009	6000	Working
Rotavator	02.03.2009	63,000	Working
Disc harrow	09.03.2009	57120	Working
Submersible pump	13.03.2009	41105	Working
Plough	18.03.2009	19000	Working
Leveler	18.03.2009	13500	Working
Pump sprayer	21.03.2009	20700	Working
Thresher	21.03.2009	105000	Working
Bund former	26.03.2009	12348	Working
Seed drill	26.03.2009	11500	Working
V ditcher	28.03.2009	20400	Working
Ridger	28.03.2009	15000	Working
Computer with accessories	28.03.2009	36735	Working
Submersible pump	30.03.2009	41075	Working
Honda Portable generator	31.03.2009	38000	Working
Digital camera	06.03.2010	25000	Working
Fax machine	20.3.2010	14900	Working
Digital Copier	29.03.2010	66600	Working
Multi crop thresher	26.03.2010	145000	Working
Castor Thresher	26.03.2010	15500	Working
Bag sewing machine	27.03.2010	5040	Working
A&V sound system	10.12-2010	42898	Working
Portable Sound system	10-12-2010	22784	Working
Multimedia projector with trolley and screen	10-12-2010	64997	Working
Seed cum fertilizers drill	16-03-2011	36100	Working
Winnower	16-03-2011	26500	Working
LCD TV	21-03-2011	54890	Working
Lap top	24-03-2011	37850	Working
Computer with accessories	17-03-2011	73690	Working
Water cooler with RO system	19-03-2011	43900	//
Motor Cycle	22-03-2010	49650	Working

Solar Water Heater	22-03-2012	75025	Working
LCD TV	22-03-2012	40860	Working
Refrigerator	22-03-2012	20100	Working
Water Cooler with RO System	22-03-2012	42000	Working

1.8. A). Details SAC meeting* conducted in the year

Proceeding of Fourth Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, N.A.U., Dediapada held on 02/09/2011 at 15:00 hr. at Dediapada.

The Fourth Scientific Advisory Committee meeting of Krishi Vigyan Kendra, NAU, Dediapada, was organized on 02/09/2011 to review the progress made by KVK during the period of April 2011 to July 2012 and to discuss the action plan for the year 2012-13. The meeting was inaugurated by Dr. A. N. Sabalpara, Respected Director of Research, NAU, Navsari. Further Dr. J. H. Rathod, Programme Coordinator, KVK, Dediapada welcomed dignitaries, Committee members, farmers and invitees.

Chairman of the SAC and Director of Research, Navsari Agricultural University, Navsari Dr. A. N. Sabalpara suggested to emphasis the Mega seed project to produce more quantity of certified seeds as well as, motivate the farmers to produce the seeds on their farm. He also advised to provide the guidance about activities which can generate good income to farmer.

The details of discussion made by the scientific advisory committee are as under:

4.1 Approval of action taken of the second SAC meeting:

The report of action taken on third Scientific Advisory Committee meeting held on 10th August, 2011 was presented before the house and that was accepted as such by the house.

4.2 Progress made during April- 2011 to July- 2012

Programme Coordinator, KVK, Dediapada Dr. J.H. Rathod presented the report on work done by KVK, Dediapada during the period of April- 2011 to July- 2012. The remarkable achievements of KVK during the said period were highly appreciated by the house. In addition to this, the action plan for the period of April-2012 to March-2013 was also highlighted by Programme Coordinator, KVK, Dediapada.

During the discussion following points were emerged to accelerate the role of KVK in Narmada district.

4.2.1 More emphasize should be given to Mega seed project to produce more quantity of certified seeds

4.2.2. Awareness programme about infertility in farm animals

4.2.3. At least two OFT must be arranged in each discipline

4.2.4. Awareness programmes about the importance of organic matter/ organic farming should be

organized to maintain the soli-health thorough the adoption of compost making, vermi compost and Bio fertilizer

4.2.5. Vocational training should be organized on Bakery,Nursery, Mashroom and value addition in pulse.

4.2.6. Demonstration unit on Low cost green house/poly house/net house/vermicompost/Waste Management should be established.

4.2.7. New Impact study may be conducted time to time as per requirements

4.2.8. Eco- friendly practices must be suggested to the farmers to encourage organic farming

The meeting was ended with vote of thanks.

Approved

Programme Coordinator
Krushi Vigyan Kendra
Navsari Agriculture University
Dediapada

Chairman & Vice Chancellor
Navsari Agriculture University
Navsari

- **List of members remained present in the meeting**

Sr. No	Name	Member/ Invitee	Designation
1	Dr. A. N. Sabalpara	Chairman	Director of Research , Navsari Agricultural University, Navsari
2	Dr. M.S. Purohit	Member	Director of Extension Education, Navsari Agricultural University, Navsari
3	Dr. P.P. Rhohile	Member	Representative of Zonal Project Director, Zone- VI, Jodhpur
4	Shri. Fatehsingbahi Ramjibhai Vasava	Member	Chairmen, Irrigation department, Taluka Panchayat, Dediapada
5	Shri. Sankarbhai N. Vasava	Member	Chairmen, Construction department, Taluka Panchayat, Dediapada

6	Dr. V.M. Kaushik	Member	President, INRECA sansthan, Dediapada
7	Smt. Sharashvatiben R. Vasava	Member	Chairmen, Women-Child development department, Taluka Panchayat, Dediapada
8	Smt. Paryushaben Laxmanbhai Vasava	Member	Chairmen, Education department, Narmada
9	Dr. J.J. Pastagia	Member	Programme Coordinator, Krushi Vigyan Kendra, N.A.U., Surat
10	Dr. G. R. Patel	Member	Associate Ext. Edu., NAU, Navsari
11	Shri. G.V. Patel	Member	Project Manager, Watershed project, Rajpipla
12	Shri.Sumenbhai R. Vasava	Member	Adivasi Gram Vikas Mandal, Moti Bedvan
13	Shri. B. B. Kothiwala	Member	Head District Manager,Narmada.
14	Prof . S. N. Singh	Member	Assistant Professor, Polytechnic Agril. Engg. Dediapada
15	Er. A.P. Lakkad	Member	Assistant Professor, Polytechnic Agril. Engg. Dediapada
16	Er. Hitesh Sanchavat	Member	Assistant Professor, Polytechnic Agril. Engg. Dediapada
17	Prof. Alok Singh	Member	Assistant Professor, Polytechnic Agril. Engg. Dediapada
18	Shri Kale Bhushal H.	Member	Assistant Research Scientist cotton research substation, Achhalia
19	Dr. A.D. Patel	Member	Assistant Research Scientist cotton research substation, Achhalia
20	Shri. V. I. Patel	Member	Assit. Director of Agri. Rajpipala
21	Shri Narendra D. Chauhan	Member	ATMA,Dediapada
22	Shri. H. B. Tadvi	Member	Sr. Clerk, District Registar Sahakari Mandal, Narmada
23	Shri. Madhusinh C. Tadvi	Member	A.I., Dedipada
24	Shri. Jayeshbhai B. Vasava	Member	DWDO, watershed, Narmda
25	Shri. Dineshbhai P. Chaudhary	Member	BRS college, Thava
26	Dr. P. D. Verma	Member	SMS (Ext. Edu), KVK, Dediapada
27	Dr. A. D. Raj	Member	SMS (Agron.), KVK, Dediapada
28	Dr. T. V. Sutaria	Member	SMS (A.H.), KVK, Dediapada
29	Dr. H. R. Jadav	Member	SMS (Pl. Prot.), KVK, Dediapada
30	Shri. A. N. Lad	Member	FM, KVK, Dediapada
31	Dr. Diptiben	Member	Veterinary officer, Mobile dediapada
32	Shri. Somabhai Chhedadiyabhai Vasava	Member	Farmer, Kukarda
33	Shri. Navaneetbhai Chimanbhai	Member	Gram sevak, DRDA, Dedipada
34	Shri. Prabhatbhai Jesingbhai Vasava	Member	Gram sevak,
35	Shri. Jivabhai Fatubhai Vasava	Member	G. V. M., Pramukh, Chikada
36	Shri. Ramanbhai Bhanabhai	Member	Farmer, Kukarda

37	Shri. Mahendrabhai Parsingbhai	Member	Farmer, Motasukaamba
38	Shri. Jayentibhai Parsingbhai	Member	Farmer, Vadivav
39	Shri. Narsingbhai Radviyabhai Vasava	Member	Farmer AT :Motasuka amba, Ta : Dediapada Dist : Narmada
40	Shri. S. D. Vasava	Member	Farmer, Nivalda
41	Shri. Bamaniya Vasava	Member	Farmer, Nivalda
42	Shri. Marabhai Vasava	Member	Farmer, Nivalda
43	Shri. Vashantbhai N. Vasava	Member	Farmer, Taval, Taluka- Sagbara
44	Shri. Mahendrabhai S Vasava	Member	Farmer, Vadivav
45	Shri. Ishavarbhai Chaganbhai Vasava	Member	Farmer, Taval, Taluka- Sagbara
46	Shri. Ashishbhai R. Chaudhary	Member	Bal Shuraksha Adhikari, Samaj Shuraksha, Narmada
47	Shri. B. P. Vasava	Member	Samajik Vanikaran, Karla renj, Dediapada
48	Shri. Bhagavanbhai Mohanbhai Tadvi	Member	Dudh Mandali, Ambavadi
49	Smt. Ushaben Dineshbhai Vasava	Member	Navjeevan Adivasi Mahila vikash manch, Sagbara
50	Smt. Hinaben Ramanbhai Vasava	Member	Navjeevan Adivasi Mahila vikash manch, Sagbara
51	Shri Champakbhai D. Tadvi	Member	AT :Kukarda, Ta : Dediapada Dist : Narmada
52	Shri. Vitthalbhai J. Vasava	Member	AT : Vadivav, Ta : Dediapada Dist : Narmada
53	Smt. Chandavatiben M. Vasava	Member	Woman Farmer AT :Chikda Ta : Dediapada Dist : Narmada
54	Shri. Ramabhai D. Vasava	Member	AT :Nawagam Ta : Dediapada Dist : Narmada
55	Smt. Sakuntalaben O. Vasava	Member	A.P.M.C., Dediapada
56	Shri Dhanjibhai K. Vasava	Member	Farmer AT : Khabjibharada, Dediapada Dist : Narmada
57	Shri Parshotambhai F. Vasava	Member	Farmer AT : Solia, Ta : Sagbara, Dist : Narmada
58	Shri. Ramanbhai B. Vasava	Invitee	Farmer AT :Kukarda, Ta : Dediapada Dist : Narmada
59	Shri. Mohanbhai Janiyabhai Vasava	Invitee	Farmer AT :Motasuka amba, Ta : Dediapada Dist : Narmada
60	Shri. Chaniyabhai Mansingbhai Vasava	Invitee	Farmer AT :Motasuka amba, Ta : Dediapada Dist : Narmada
61	Shri. Ratilal Chandrasing Vasava	Invitee	Farmer AT :Motasuka amba, Ta : Dediapada Dist : Narmada
62	Shri. Gulabsing Chagansing Vasava	Invitee	Farmer AT :Motasuka amba, Ta : Dediapada Dist : Narmada
63	Shri Ramanbhai B. Vasava	Invitee	Farmer AT :Kukarda, Ta : Dediapada Dist : Narmada
64	Shri. Dharamsingbhai P. Vasava	Invitee	Farmer AT : Nivalda Ta : Dediapada Dist : Narmada
65	Shri. Vasantbhai M. Vasava	Invitee	Farmer AT : Taval Ta : Dediapada Dist : Narmada

2. DETAILS OF DISTRICT (2012-13)

Details of District:-

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

Sr. No	Farming system/enterprise
1.	Crop production
2	Crop production and Horticulture
3	Crop production and Livestock
4.	Crop production, Horticulture and Livestock

2.2 Description of Agro-climatic Zone & major agro ecological situations

Sr. No	Agro-climatic Zone	Characteristics
1	South Gujarat Zone, AES-I	Rainfall: 1000-1250 mm Type of Soil: Undulating, shallow to medium in depth, fine textured, highly erosive.Soil Characteristics : Low fertility land and hilly terrain with dense forest.Soil fertility: Nitrogen-poor, Phosphorus medium, Potash High.

2.2.1 Soil type

S. No	Soil type	Characteristics	Area in ha
1	Undulating, shallow to medium in depth, fine textured, highly erosive	Low fertility land and hilly terrain with dense forest.	80 %
2	Deep black soil- Plain	Deep black soil with high rainfall- plain	20 %

2.2.2 Land Use

Sr. no.	Blocks	Total geographical area (ha.)	Cultivated	Forest	Waste land	Road and building
1	Nandod	111968	51157	41540	6666	12605
2	Tilakwada	24442	20700	921	623	2198
3	Sagbara	36740	18910	11636	5635	559
4	Dediapada	102386	31486	66396	5421	4083
	Total	**275536**	**122253**	**120493**	**18345**	**19445**

2.2.3 Area irrigated by different sources in different blocks of the district

Sr. No.	Blocks	Cultivated area (ha)	Irriagted area(ha)						
			Canal	Well		Bore-well		Total	% area irrigated
				No.	Area	No.	Area		
1	Nandod	51157	17500	1240	6010	1175	4790	28300	55.32
2	Dediapada	31486	-	989	2678	275	350	3028	9.62
3	Sagbara	18910	600	658	2380	280	830	3810	20.15
4	Tilakwada	20700	10339	379	1620	180	2025	13984	67.56
Total		**122253**	**28429**	**2766**	**11688**	**1910**	**7995**	**48122**	**39.36**

2.2.4 Area under important Crops, Production and Productivity for 2012-13

Sr. No.	Season and crops	Area (ha)	Production (M.T.)	Yield (kg/ha)
KHARIF				
1	Paddy Drilled	8686	11370	1309
2	Paddy TP	3156	5858	1856
3	Groundnut	107	212	2037
4	Castor	1570	2793	1779
5	Cotton	37154	41612	1120
6	Sorghum	7425	12199	1643
7	Maize	5840	10751	1841
8	Soybean	5872	10781	1836
9	Pigeon Pea (Arhar)	20023	23851	1083
10	Other pulses Black gram, cowpea, etc.	702	523	745
11	Green gram	421	3162	751
12	Vegetables	7589	87850	11576
RABI				
1	Wheat	3519	8100	2302
2	Sorghum	4231	5086	1202
3	Sugarcane	9336	702814	75280
4	Gram	2172	1944	895
5	Maize	4699	8033	1709
6	Sunflower	82	75	912
7	Vegetables	2722	27601	10140
8	Fodder Crops	5352	179623	33562
9	Other	88	---	---
SUMMER				
1	Ground nut	4525	7964	1760
2	Bajra	1689	3158	1870
3	Green Gram	3141	2733	870
4	Maize	1852	4287	2315
5	Vegetables	8807	109376	14010
6	Melons	1029	36035	35020
7	Fodder Crops	3906	41091	10520

2.2.5 Block wise area sown during the Kharif 2012 in Narmada district.

Sr. No.	Crop	Name of the block				Total area sown (ha.)
		Nandod	Tilakwada	Sagbara	Dediapada	
1	Paddy (Drilled)	1630	740	2295	3863	8528
2	Paddy (TP)	68	49	2475	489	3081
3	Castor	75	155	17	1155	1402
4	Cotton Irri.	12356	12404	4035	318	29113
5	Cotton Rainfed	274	29	54	6149	6506
6	Sorghum	5850	52	15	1307	7224
7	Maize	2173	1539	1445	683	5840
8	Banana	5556	156	81	8	5801
9	Sesame	13	160	0	23	196
10	Soybean	56	0	4735	811	5602
11	Pigeon Pea (Arhar)	6812	2909	3905	8059	21685
12	Black gram	105	218	45	511	879
13	Vegetables	1800	600	1100	3900	7400
14	Fodder Crops	277	87	91	1221	1676
	Total	**37045**	**19098**	**20293**	**28497**	**104933**

2.2.6 Area, production and productivity of major horticultural crops in the district:

S.N	Crop	Area (ha)	Production (MT)	Productivity (Qtl /ha)
1	Vegetables (Kh)	4345	49967	115.00
	Vegetable (rabi)	728	7353	101.00
	Vegetable Summer	2000	24000	120.00
2	Fruit crops	9100	31200	34.28
3.	Spices crops	900	12000	13.33
4.	Medicinal plants	60	600	--
5.	Flower crops	12	90	--
	Total	17145	--	--

2.2.7 Livestock composition of the District

Year	Cattle Cross breed	Cattle Indigenous	Buffalo	Goat	Pigs	Poultry	Sheep	Horse and Ponies
1997	3014	136015	50840	88273	1946	94999	764	76
2003	3084	167937	61231	99044	3745	142396	652	74
2007	4226	136637	58951	71897	74	123847	131	20

2.2.8 Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred	**4226**	**45,000 Tone/year milk**	**7.094 lit/day (milk)**
Indigenous	**136637**		**2.518 lit/day (milk)**
Buffalo	**58951**		**3.462 lit/day (milk)**
Sheep	**131**	**-**	**863 gm/year (wool)**
Crossbred	**-**	**-**	**-**
Indigenous	**-**	**-**	**-**
Goats	**71897**	**19843 kg meat/year**	**0.316 kg/year (meat)**
Pigs	**-**	**-**	**-**
Crossbred	**-**	**-**	**-**
Indigenous	**74**	**-**	**-**
Rabbits	**73**	**-**	**-**
Poultry	**-**	**-**	**-**
Hens	**-**	**-**	**-**
Desi	**138509**	**36,00,000 egg/year**	**0.2504 no. of egg/day**
Improved	**3887**		**0.6643 no. of egg/day**
Ducks	**913**	**-**	**-**
Turkey and others	**-**	**-**	**-**

Category	Area	Production	Productivity
Fish	-	-	-
Marine	-	-	-
Inland	**18.09**	-	**200 kg/ha**
Prawn	-	-	-
Scampi	-	-	-
Shrimp	-	-	-

2.2.9 Demographic details:

1.	No. of subdivision	One
2.	No. of developmental blocks	Four
3.	Total villages (Inhabited)	552
4.	No. of gram Panchayat	223
5.	Villages electrified	552
6.	Villages having agricultural power supply	552
7.	Villages having post office	264
8.	Villages having primary schools	515
9.	Villages having primary health centers	23
10.	Villages having potable water supply	552
11.	Villages connected with paved approach roads	443
12.	Total population of the district	514404
13.	Male population	263986 (51.31%)
14.	Female population	250418 (48.69%)
15.	Total rural population	462298 (89.88%)

16.	Total Urban Population	52106 (10.12%)
17.	Total Schedule tribe population	401654 (78.08%)
18	Total Literate population	259000 (50.38%)
19	Male literate population	161000 (62.16)
20	Female literate population	98000 (37.84)
21	5total house holds	109000
22	Rural households	94000
23	BPL households	11000 (10.09)
24	Total geographical area (ha.)	275536
25	Forest land (ha.)	1204973
26	Permanent pastures and grazing lands (ha.)	8600
27	Cultivable waste land (ha.)	3600
28	Current fallow (ha.)	3000
29	Net sown area (ha.)	114779
30	Total area available for irrigation (ha.)	48122
31	Area irrigated by canals/channels (ha.)	28429
32	Area irrigated by wells (ha.)	11688
33	Area irrigated by bore well (ha.)	7995
34	Number of cultivators	87113
35	Agricultural labourers	118017
36	Workers engaged in household industries	2348
37	Other workers	13618
38	Agro-processing units food crops	2
39	Agro-processing units for sugarcane (Gur/khandsari/sugar)	11
40	Milk (Chilling/cooling/processing)	5
41	Marginal farmers (≤ 1 ha.)	16653 (30%)
42	Small farmers (1 to 2 ha.)	17555 (32%)
43	Semi-medium farmers (> 2 - 4 ha.)	14085 (25%)
44	Medium farmers (4-10 ha)	7424 (13%)
45	Total numbers of holdings	46122
46	Population of cross bred cattle	4226
47	Indigenous cattle	136637
48	Buffaloes	58951
49	Sheep indigenous	131
50	Goat	71897
51	Poultry indigenous	123847
52	Fertilizer/seeds/pesticides outlets	166
53	Total NPK consumption (MT)	28148.75
54	Agricultural tractors	923
55	Power tillers/trailors	5157
56	Threshers/cutters	3805
57	Agricultural pump sets	2192

58	Pump set energized	1372
59	Agro service centers	11
60	Soil testing centers	2
61	Plantations nurseries	5
62	Rural /urban mandi/hats	8
63	Wholesale market	1
64	Godowns	9
65	Storage capacities of godowns (MT)	5770
66	Veterinary hospitals/ Dispensaries	25
67	Disease Diagnostic centers	2
68	Artificial insemination centers	101
69	Dairy co-operative societies	243
70	Animal markets	3
71	Milk collection centers	150
72	Fisherman societies	9
73	Fish market	2
74	Fish production (MT)	5863
75	Egg production (Lakh nos.)	62
76	Milk production (MT)	67000

2.6 Details of Operational area / Villages (2012-13)

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Nandod	Nandod	Khuta amba, Motibhamri, Movi	Paddy, Pigeon pea, sorghum Gram	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity	-Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management,

			Wadi, Kasumbia, Samsherpura, Zer	Paddy, Pigeon pea, sorghum Gram, Cotton, wheat, Vegetable	Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity -Insect pest problem in cotton - High use of input in cotton and vegetables	--Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management, -Integrated pest management _Integrated Nutrient Management
2	Tilak-wada	Tilak-wada	Jesing-pura, Tilkavada, Nimpura	Cotton, Paddy, Pigeon pea, maize Gram, Wheat Sorghum	-Insect pest problem in cotton - High use of input in cotton and vegetables Use of local variety, -Imbalance use of fertilizer, --Low animal productivity	-Integrated pest management _Integrated Nutrient Management Production technology of major crops, -Promotion of vegetable crops, -Animal feeding and management,
			Puchh-pura, Kuletha, Jaloda	Cotton, Paddy, Pigeon pea, maize Gram, Wheat Sorghum	Insect pest problem in cotton - High use of input in cotton and vegetables Use of local variety, -Imbalance use of fertilizer, --Low animal productivity	-Integrated pest management _Integrated Nutrient Management Production technology of major crops, -Promotion of vegetable crops, -Animal feeding and management,

3	Sagbara	Sagbara	Tawal, Panchpipali, Jargam	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity -Insect pest problem in cotton - High use of input in cotton and vegetables	--Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management, -Integrated pest management _Integrated Nutrient Management
			Nanado-Ramba, Kanbudi, Motirupen	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity -Insect pest problem in cotton - High use of input in cotton and vegetables	--Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management, -Integrated pest management _Integrated Nutrient Management
4	Dedia-pada	Dedia-pada	Pansar, Navagam, Besana	Paddy, Pigeon pea, sorghum Gram	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity	-Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management,

			Zarnawadi, Almavadi, Jambar, Chuli, Nivalda	Paddy, Pigeon pea, sorghum Gram, Cotton , Wheat	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity -Insect pest problem in cotton - High use of input in cotton and vegetables	Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management, -Integrated pest management _Integrated Nutrient Management
			Kakarpada, Amabavadi, Kalgi,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity -Insect pest problem in cotton - High use of input in cotton and vegetables	--Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management, -Integrated pest management _Integrated Nutrient Management
			Vadivav Kukadada, Chikada	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	-Use of local variety, -Imbalance use of fertilizer, - Low irrigation facility -Low animal productivity -Insect pest problem in cotton - High use of input in cotton and vegetables	--Varietal replacement -Production technology of major crops, -Water conservation, -Arid horticulture, -Animal feeding and management, -Integrated pest management _Integrated Nutrient Management

2.7 Priority/thrust areas

Crop/Enterprise	Thrust area
Paddy	Variety replacement, Seed treatment, use of bio-fertilizer
Cotton	Integrated Pest Management, Integrated Nutrient Management
Pigeon pea	Variety replacement, Integrated Insect pests and Disease management, Land configuration, Inter cropping
Sorghum	Variety replacement, production technology
Green gram	Variety replacement
Black gram	Variety replacement
Banana	Integrated Nutrient Management
Sugarcane	Integrated Nutrient Management, Integrated Disease management
Maize	Variety replacement, production technology

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2012-13

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
4	4	26	26	336	336	428	428

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	72	120	1550	3585	70	145	10000	33875
Rural youth	4	4	150	324	--	--	--	--
Extn. Functionaries	3	3	150	297	--	--	--	--
Sponsored	20	20	500	977	--	--	--	--

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Crop-Target	Achievement	Target	Achievement
Cereals 4000kg	3650 kg	--	--
Oilseed – Nil	0	--	--
Pulses- 1000 kg	1819 kg	--	--
Total 5000	**5469 kg**	--	--

3. B. Abstract of interventions undertaken

S. N.	Thrust area	Crop/ Enterp-rise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Increasing the production of major crops (Paddy, Pigeon pea, Wheat, Gram, Pulses and Cotton).	Paddy	Use of local variety, Imbalance use of fertilizers	--	Replacement of variety by introducing GR-5	1.Cultivation practices of drilled paddy 2.SRI system of rice intensification 3. pests of paddy and its management 4. Weed management in kharif crops 5. Cultivation practices of Kharif crops	--	1.Field day 2.Field visits 3.Diagnostic visit 4.Kisan gosthi 5.Crop symposium-Kharif and Rabi 6. Exhibition 7. Literature publication and distribution	Seeds
		Pigeon pea	Use of local variety, Imbalance use of fertilizer, Wilt problem	--	Replacement of variety by introducing Vaishali variety, Management of wilt through Trichoderma, Integrated management of *Helicoverpa*	1. Pest and diseases of pigeon pea and IPM.	--	1. Khedut sibir 2.Field visits 3.Diagnostic visit 4.Kisan gosthi 5.Crop symposium-Kharif and Rabi 6. Exhibition 7. Literature publication and distribution	seeds, Trichoderma ,NPV

		Wheat	Use of local variety, Imbalance use of fertilizer	--	Replacement of variety by introducing GW-366		--	1. Khedut sibir 2.Field visits 3.Diagnostic visit 4.Kisan gosthi 5.Crop symposium-Kharif and Rabi 6. Exhibition 7. Literature publication and distribution	Seed
		Gram	Use of local variety, Imbalance use of fertilizer	--	Replacement of variety by introducing GG-2	1. Scientific cultivation of gram	--	1.Field day 2.Field visits 3.Diagnostic visit 4.Kisan gosthi 5.Crop symposium-Kharif and Rabi 6. Exhibition 7. Literature publication and distribution 8. Khedut sibir	Seeds
		Other Pulses	Use of local variety, Imbalance use of fertilizer	--	--	1.Weed management in pulses 2. Use of bio-fertilizer in oilseed and pulses	--	1. Khedut sibir 2.Field visits 3.Kisan gosthi 4.Crop symposium-Kharif and Rabi 5. Exhibition 6. Literature publication and distribution	

		Cotton	High input (pesticides and fertilizer)use	--	IPM	1.Efficient use of fertilizer 2. Scientific cultivation of cotton 3.IPM in cotton	--	1. Khedut sibir 2.Field visits 3.Diagnostic visit 4.Kisan gosthi 5.Crop symposium-Kharif and Rabi 6. Exhibition 7. Literature publication and distribution	Pesticides, Pheromone traps
2	Arid horticultural in Rainfed area.	--	No fruit trees in farm/ backyard	--	--	1. Care and Management of mango orchard 2. Kitchen gardening	--	1.Khedut sibir	Seedlings of Alma and custard apples were provided in each of the adopted village. (200 plants in each villages –Six villages)
3	Fruit and vegetables in irrigated area	Brinjal Chili Tomato	High input use Narrow spacing in Chilli Insect pest and Disease problems	Refinement of crop spacing in Chilli	Integrated Nutrient Management in Brinjal, Chilli and Tomato	1. Nursery raising in *Rabi* vegetables) 2. Scientific cultivation of tomato 3. Pests of vegetable and its management 4. IPM in vegetable crops 5. Scientific cultivation of brinjal and Chili 6. Nursery raising in Low cost green house 6. pests of brinjal 7. Low cost green house	--	1. Khedut sibir 2.Field visits 3.Diagnostic visit 4.Kisan gosthi 5.Crop symposium-Kharif and Rabi 6. Exhibition 7. Literature publication and distribution 8. Demonstration unit on kitchen gardening	Seeds, Fertilizer

4	Creating awareness about Conservation of soil and water resources.	--	--	--	--	1. Drip irrigation in vegetable crops.	--	1.Exhibition 2. Literature publication and distribution	--
5	Income generation by imparting skill training.	Production of organic inputs	Traditional Method	Nil	Nil	Production of 24quipm compost	--	Training and Shibir	--
6	Women empowerment.	--	--	--	--	1. Value addition in fruit crops	--	1. Mahila Gosthi 2. Mahila Shibir on Group formation and income generating activities 2.Demonstrations on preservation of fruit and vegetable	--

	Improved livestock management practices.	Animal Husbandry	-Poor housing - poor feeding - No use of mineral mixture and concentrate - Large population of non descript breeds -Low milk productivity	Effect of supplementing mineral mixture and concentrate on Body growth performance in calves	Supplementation of mineral mixture	1. Importance of mineral mixture in animal feed. 2.Urea treatment to paddy straw 3. Care and management of new borne calf 4. Care of milking animal 5. Importance of vaccination in dairy animal	Storage and preservation of semen for AI	1.Animal health camp 2.Khedut Shibir 3. Literature publication and distribution 4.Kisan gosthi 5.Diagnostic visit	Mineral mixture and Concentrate

3.1 Achievements on technologies assessed and refined

A.1 Abstract of the number of technologies assessed* in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	--	--	--	1 Conti...	--	--	--	--	1 Conti...
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	--	--	--	--	1	--	--	--	--	1 Conti..
Value addition	--	--	--	--	--	--	--	--	--	1 Conti..
Integrated Pest Management	--	--	--	--	1	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

* *Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro situation.*

A.2. Abstract of the number of technologies refined* in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	--	--	--	--	--	--	--	--	--

Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

***** *Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.*

A.3. Abstract of the number of technologies assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management	1 Cont...	--	--	--	--	--	--	1 Cont...
Disease of Management	--	--	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--	--	--
Feed and Fodder	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--

A.4. Abstract on the number of technologies refined in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	--	--	--	--	--	--	--	--
Nutrition Management	--	--	--	--	--	--	--	--
Disease of Management	--	--	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--	--	--
Feed and Fodder	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--

B. Details of each On Farm Trial to be furnished in the following format

A. Technology Assessment

Trial 1: Livestock

1)	Title	:	Effect of supplementing mineral mixture and concentrate on Body growth performance in calves
2)	Problem diagnose/defined	:	Poor body growth performance in calves
3)	Details of technologies selected for assessment /refinement	:	T1: Traditional Practice T2: Feeding of 15 gm mineral mixture + Deworming T3: T2 + Concentrate feeding @ 1% of body wt.
4)	Source of technology	:	Nutrition department, AAU, Anand.
5)	Production system thematic area	:	Nutrition Management
6)	Thematic area	:	Nutrition Management
7)	Performance of the Technology with performance indicators	:	On going
8)	Final recommendation for micro level situation	:	On going
9)	Constraints identified and feedback for research	:	-
10)	Process of farmers participation and their reaction	:	Farmers participation in planning, execution and monitoring.

Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Live stock	Rain fed	Poor body growth performance in calves	Effect of supplementing mineral mixture and concentrate on Body growth performance in calves	12	T1: Traditional Practice	Body wt at birth, 1st, 3rd, 6th and 12th month of age	Body wt at 1st : 26.80 3rd : 35.23 6th: 47.44 12th:90.35	*Study continue*	Farmers reacted as the treatment improves the health of calves
					T2: Feeding of 15 gm mineral mixture + Deworming		1st : 27.96 3rd : 40.46 6th: 57.36 12th:104.72		
					T3: T2 + Concentrate feeding @ 1% of body wt		1st : 30.84 3rd : 42.67 6th: 63.52 12th:112.25		

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
T1: Traditional Practice	***Study continue***		
T2: Feeding of 15 gm mineral mixture + Deworming			
T3: T2 + Concentrate feeding @ 1% of body wt			

**** Study continued as this is a long term experiment.***

Trial 2: (Plant Protection)

1. Title	:	Assessment of stem application method of insecticide for management of sucking pests in cotton.
2. Problem diagnose/defined	:	Farmers are frequently applying high doses of insecticides to manage sucking pests in cotton, which leads residue problem and its hazardous to environment as well as human being.
3. Details of technologies selected for assessment /refinement	:	T1 : Stem Application of Acephate 75 WP (4:1 :: Water : Insecticide) T2 : Spraying of recommended insecticides: (Need based Foliar application Imidaclopride 17.8 SL and Acephate 75 WP) T3 : Farmers method as Check : (Frequently Foliar application Imidaclopride 17.8 SL and Monocrotophos 36EC) i. e. at Weekly interval.
4. Source of technology	:	GAU, Navsari
5. Production system/ thematic area	:	Rainfed
6. Thematic area	:	IPM
7. Performance of the Technology with performance indicators	:	On going
8. Final recommendation for micro level situation	:	On going
9. Constraints identified and feedback for research	:	---
10. Process of farmers participation and their reaction	:	Farmers participation in planning, execution and monitoring

Results of On Farm Trials

Treatments	First Year Kharif 2011-12									
	Mean Population Numbers of Sucking pests /3 leaves/plant				Yield (Q/ha)	% increase	Gross Return (Rs.ha)	Cost of cultivation (Rs/ha)	Net Return (Rs/ha)	B:C ratio
	Aphids	Jassids	Whitefly	Thrips						
T1-Stem application (Acephate 75WP)	1.1	1.7	2.0	1.8	17.42	18.5	52260	12000	40260	3.355
T2-Chemical base Reccom	8.0	9.6	11.9	10.2	15.66	6.54	46980	12100	34880	2.883
T3-Farmers method (Check)	21.3	6.7	13.3	15.5	14.7	-	44100	12500	31600	2.528

Treatments	Second Year Kharif 2012-13									
	Mean Population Numbers of Sucking pests /3 leaves/plant				Yield (Q/ha)	% increase	Gross Return (Rs.ha)	Cost of cultivation (Rs/ha)	Net Return (Rs/ha)	B:C ratio
	Aphids	Jassids	Whitefly	Thrips						
T1-Stem application (Acephate 75WP)	1.76	2.43	2.81	2.43	16.2	16.93	64800	13000	51800	3.98
T2-Chemical base Reccom	10.05	11.04	14.78	12.74	14.96	7.98	59840	13500	46340	3.43
T3-Farmers method (Check)	23.24	12.57	17.24	18.24	13.88	-	55520	14500	41020	2.83

**** Study continued for next year.***

Trial: 3 (Plant Protection)

1.	Title	:	Management of *Helicoverpa armigera* in Indian bean by Non chemical means
2.	Problem diagnose/defined	:	Farmers are frequently applying high doses of insecticides to manage *H.* armegera, this leads residue problem while export of Indian bean.
3.	Details of technologies selected for assessment /refinement	:	T1 :- Bio intensive module : (i) Monitoring through the pheromone traps, (ii)Spraying of Neem based pesticides (iii) Hand piking of bigger larvae (iv) Spraying of *Ha*NPV T2 :- Chemical recommended insecticides: : (Need based Foliar application of Monocrotophos 36EC) T3 :- Farmers method: (Frequently Foliar application Imidaclopride 17.8 SL, Acephate 75 WP and Monocrotophos 36EC) i. e. at Weekly interval.
4.	Source of technology	:	GAU, Navsari
5.	Production system/ thematic area	:	Rainfed
6.	Thematic area	:	IPM
7.	Performance of the Technology with performance indicators	:	On going
8.	Final recommendation for micro level situation	:	On going
9.	Constraints identified and feedback for research	:	---
10.	Process of farmers participation and their reaction	:	Farmers participation in planning, execution and monitoring.

Results of OFT on Indian bean:

Treatments	First Year 2011-12									
	Mean No. 33quipm of Heliothis/plant	No. of damaged pods/ 1000 pods	(%) Damaged pods	Yield (kg/ha)		% Increase	Gross Return (Rs.ha)	Cost of cultivation (Rs/ha)	Net Return (Rs/ha)	B:C ratio
				Demo	Local		Demo	Demo	Demo	Demo
T1-Bio Intensive Modules	1.496	133	1.33	1875	1430	23.4	42187.5	9500	32687.5	3.44
T2-Chemical base Reccom	2.497	349	3.49	1610	1520	5.9	36225.0	11500	24725	2.15
T3-Farmers method	2.563	569	5.69	1520	1500	0.0	34200.0	13500	20700	1.53

Treatments	Second Year 2012-13									
	Mean No. 33quipm of Heliothis/plant	No. of damaged pods/ 1000 pods	(%) Damaged pods	Yield (kg/ha)		% Increase	Gross Return (Rs.ha)	Cost of cultivation (Rs/ha)	Net Return (Rs/ha)	B:C ratio
				Demo	Local		Demo	Demo	Demo	Demo
T1-Bio Intensive Modules	1.577	140	1.4	1880	1520	23.70	42300.0	10000	32300	3.23
T2-Chemical base Reccom	2.588	350	3.5	1650	1520	8.60	37125.0	12500	24625	1.97
T3-Farmers method	2.687	580	5.8	1530	1520	0.70	34425.0	14700	19725	1.34

**** Study continued for next year***

Trial 4 :- (Crop Production)

1.	Title	:	Assessment of feasibility of hand operated automatic seed drill In hilly Area of Narmada district
2.	Problem diagnose/defined	:	The farmers are and marginal with fragmented land. The tribal people are find it difficult to sow their crop in small piece of land with bullock drown sowing method.
3.	Details of technologies selected for assessment /refinement	:	T1: Sowing through hand operated automatic seed drill 34quipment T2: Hand sowing
4.	Source of technology	:	GAU, Navsari
5.	Production system/ thematic area	:	Farm mechanization
6.	Thematic area	:	Farm mechanization
7.	Performance of the Technology with performance indicators	:	On going
8.	Final recommendation for micro level situation	:	On going
9.	Constraints identified and feedback for research	:	---
10.	Process of farmers participation and their reaction	:	Farmers participation in planning, execution and monitoring.

Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment
1	2	3	5	6	7	8	9
Fenugreek	Irrigated	The tribal people are find it difficult to sow their crop in small piece of land with bullock drown sowing implement. They are sowing their crop manually with hand. Which is tiresome and labour consuming	10	T_1 : Sowing through hand operated automatic seed drill equipment	1. Per cent germination	94.8	9.8 % yield increase in T_1 than T_2,
					2. No. of plant per unit area	20.8	
					3. Yield kg/ha	1214	
				T_2 : Hand sowing	1. Per cent germination	93.2	
					2. No. of plant per unit area	17.9	
					3. Yield kg/ha	1106	

B. Technology Refinement

-- Nil –

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2012-13 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Paddy	Varietal Evaluation	Drilled Variety GR-5 and IR- 28	Demonstration and good quality Seed availability	34	530	76
2	Pigeon pea	Varietal Evaluation	New variety Vaishali	Demonstration and good quality seed availability	22	206	35.1
3	Paddy	Varietal Evaluation (Seed replacement)	NAUR-1, GNR-2	Demonstration and good quality seed availability	12	25	7
4	Soybean	Varietal Evaluation) Seed replacement)	JS-335	Distributed good quality seed availability	8	31	8
5	Maize	Varietal Evaluation	GM-6	Demonstration and good quality Seed availability	2	5	2
6	Gram	Varietal Evaluation	GG-2	Demonstration and good quality Seed availability	11	79	22
7	Wheat	Varietal Evaluation	GW-496	Demonstration and good quality Seed availability	5	25	10

b. Details of FLDs implemented during Rabi 2011-12 and Kharif 2012-13 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
A	**Oil seed :**									
1.	Sesamum	Varietal Evaluation	Varity	Summer 12-13	2	2	5	-	5	
B	**Pulses**									
1	Gram	Varietal Evaluation	Variety	Rabi 2011-12	5	5	14	--	14	--
2	Pigeon pea	Varietal Evaluation	Variety	Kharif' 12-13	12	12	30	-	30	--
3	Soy bean	Varietal Evaluation	Variety	Kharif' 12-13	5	5	11	--	11	--
C	**Others**									
1	Paddy	Varietal Evaluation	GR- 5,	Kharif '12-13	3.2	3.2	16	--	16	--
2	Paddy	Varietal Evaluation	GNR-2	Kharif '12-13	5	5	25	--	25	--
3	Paddy	Varietal Evaluation	IR-28	Kharif '12-13	3	2.8	14	--	14	--
4	Paddy	Varietal Evaluation	NAUR-1	Kharif '12-13	2	2	10	--	10	--
5	Wheat	Varietal Evaluation	New variety	Rabi 2011-12	10	10	25	--	25	--
6	Maize	Varietal Evaluation	New variety	Kharif' 12-13	2	2	10	-	10	
7	Brinjal	Integrated Nutrient Management	INM	Kharif'12-13	2.0	2.0	10	--	10	--
8	Chilli	Integrated Nutrient Management	INM	Kharif'12-13	2.0	2.0	10	--	10	--
9	Tomato	Integrated Nutrient Management	INM	Rabi 2011-12	2.0	2.0	5	--	5	--
D Use of bio-agent										
1	Cotton (IPM)	Integrated Pest Management	IPM	Kharif'12-13	5.0	5.0	14	-	14	--
2	Pigeon pea (Trichoderma)	Integrated Disease Management	Use of bio-agent (Trichoderma)	Kharif'12-13	5.0	5.0	14	--	14	--
3	Gram (Trichoderma)	Integrated Disease Management	Use of bio-agent (Trichoderma)	Rabi 2011-12	5.0	5.0	14		14	--
4	Brinjal (Pseudomonas)	Integrated Disease Management	Use of bio-agent (Psuedommonas)	Kharif'12-13	5.0	5.0	14	--	14	--

Details of farming situation:

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Oil seed : Nil											
Pulses											
Gram	Rabi 2011-12	Rainfed / Irrigated		--	--	--	Paddy	2.11.2011 to 30.11.2011	1.2.2012 to 12.03.2012	--	--
Pigeon pea	Kharif- 12-13	Rainfed					Pigeon pea	15.07.12 to 31.07.12	15.1.2012 to 28.1.2012	--	--
Soy bean	Kharif- 12-13	Rainfed					Pigeon pea	15.07.12 to 31.07.12	15.1.2012 to 28.1.2012	--	--
Other											
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Wheat	Rabi 2011-12	Irrigated		--	--	--	Paddy	10.11.2011 to 25.11.2012	16.3.2011 to 04.04.2012	--	--
Maize	Kharif'12-13	Rainfed		-	-	-	Cotton	05.07.2012 to 20.07.2012	04.11.2012 to 20.11.2012		
Brinjal	Kharif'12	Irrigated		--	--	--	Groundnut /sorghum	06.08.2011 to 10.08.2011	16.01.2012 to 6.01.2012	--	--
Chilli	Rabi 2011-12	Irrigated		--	--	--	Groundnut/ paddy/tomato	06.08.2011 to20.08.2011	22.01.2012 to 27.01.2012	--	--
Tomato	Rabi 2011-12	Irrigated		--	--	--	Paddy	09.06.2011 to 09.12.2011	21.02.2012 to 2.09.2012	--	--
Use of bio-agent											
Cotton (IPM)	Kharif'12	Rainfed / Irrigated		--	--	--	Cotton	18.06.11 to 20.06,2011	18.01.2012 to 20.01.2012	--	--
pigeon pea (Trichoderma)	Kharif'12	Rainfed		--	--	--	Pigeon pea	12.06.11 to 27.06.2011	12.1.2012 to 29.1.2012	--	--
Gram (Trichoderma)	Rabi 2011-12	Rainfed / Irrigated		--	--	--	Paddy	10.11.2010 to 12.11.2010	18.2.2011 to 20.02.2011	--	--
Brinjal (Psuedommonas)	Kharif'12	Irrigated		--	--	--	Groundnut /sorghum	06.08.2011 to 10.08.2011	16.01.2012 to 6.01.2012	--	--
										932	52

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	**Oil seed : Nil**											
B	**Pulses**											
1	Gram	Variety	GG-2	5	14	14.2	11.2	17.3	14.4	20.2	30-45 pods/plant 40-48 g test weight	20-29 pods/plant 20-29 g test weight
2	Pigeon pea	Variety	Vaishali	51	20.4	18.6	11.5	15.7	12.9	22.4	Branches/plant:7-15, Pods/plant:210-260	Branches/plant:4-10, Pods/plant:110-180
3	Pigeon pea	Variety	GT-101	5	2	18.4	11.2	14.8	12.3	20.2	Branches/plant:7-15, Pods/plant:210-260	Branches/plant:4-10, Pods/plant:110-180
4	Soy bean	Variety	JS-375	11	5	19.0	15.0	16.9	14.4	17.8	Branches/plant:7-15, Pods/plant:210-260	Branches/plant:4-10, Pods/plant:110-180
C	**Other**											
1	Paddy	New variety	GR-5	16	3.2	14.2	11.2	12.4	10.3	21.2	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
2	Paddy	New variety	IR-28	14	2.8	16.1	12.4	14.5	12.3	18.2	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
3	Paddy	New variety	NAUR -1	10	2	36.0	33.0	34.7	28.8	20.3	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
4	Paddy	New variety	GNR-2	25	5	36.5	32.0	34.5	29	19	Panicle length: 29-35 cm No. of grain	Panicle length: 24-29 cm No. of grain

											/panicle: 130-138	/panicle: 110–120
5	Wheat	New variety	GW-322	25	10	44	33	38.4	31.8	20.8	Ear length : 8-11 cm Grain/ear : 32-40	Ear length : 7-9 cm Grain/ear : 26-32
6	Maize	New variety	GM-6	5	2	15.3	12.2	13.9	11.9	17	Plant height : 145-210 cm, Cob Length: 23-29 cm	Plant height : 135-195 cm, Cob Length: 18-28 cm
7	Brinjal	Variety	--	10	2	300	180	227	210	8.1	No. fruit/plant : 14-20 Weight of fruit:112-117 g	No. fruit/plant : 10-13, Weight of fruit:111-114 g
8	Chilli	Variety	--	10	2.0	90	68	88	70	20.5	No. fruit/plant : 150-153, Length of fruit: 8.7-11.7cm	No. fruit/plant : 129-133, Length of fruit: 8.1-8.3 cm
9	Tomato	INM	GT-2	5	2	305	258	297.4	304	18.0	No. fruit/plant : 31-35	No. fruit/plant : 21-26
D	**Use of bio-agent**											
1	Cotton (IPM)	IPM	Bt	14	5	22.0	14.5	16.7	14.14	18.7	Jassids/3 leaf: 2-3	Jassids / 3 leaf: 5-13
2	Paddy (IPM)	IPM	Rainfed	14	5	13.2	11.2	12.15	10.23	20.23	Hoppers/ leaf: 2-3	Hoppers / leaf: 5-13
3	Pigeon pea (Trichoderma)	Use of bio-agent (Trichoderma)	Rainfed	14	5	17.5	14.5	16.14	13.21	23.11	No. of wilted plants :< 1%	No. of wilted plants :< 10-12%
4	Gram (Trichoderma)	Use of bio-agent (Trichoderma)	-	14	5	19.0	16.7	17.5	14.40	21.6	Diseased plant : < 2%	Diseased plant : < 10-15%
5	Brinjal (Pseudomonas)	Use of bio-agent (Pseudommonas)	-	14	5	243	235	239	210	14	Diseased plant : < 2%	Diseased plant : < 10-15%

Economic Impact continuation of previous table

Average Cost of cultivation (Rs./ha)			Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
Demonstration		Local Check	Demonstration	Local Check	Demonstration	Local Check		
14		15	16	17	18	19	20	
Gram	10000	9000	34402	28094	24402	19094	3.44	3.12
Pigeon pea	12686	11486	47218	38624	34532	27138	3.7	3.4
Pigeon pea	12686	11486	44500	37000	31814	25514	3.5	3.2
Soy bean	11955	11955	50727	43091	38772	31136	4.2	3.6
Paddy	10527	9013	13683	11289	3156	2276	1:1.30	1:1.25
Paddy	9853	9013	14498	12264	4645	3251	1.47	1.36
Paddy	11893	11893	41581	31976	29689	20083	3.50	2.69
Paddy	11893	12493	41430	34835	29537	22342	3.48	2.79
Wheat	12000	11534	61440	50816	49440	39316	5.1	4.4
Maize	11259	10659	14585	12464	3326	1805	1.30	1.17
Brinjal	10180	9580	14852	12387	4672	2807	1:1.5	1:1.3
Chilli	31000	27000	190200	160200	159200	138200	1:7.1	1:6.9
Tomato	37000	36500	100000	82800	63000	45500	1:3.7	1:3.3
Cotton (IPM)	12000	11534	50100	42429	38100	30929	3.17	2.68
Paddy (IPM)	10527	9013	13367	11251	2840	2237	1.27	1.25
Pigeon-pea-Trichoderma	12686	11486	48429	39643	35743	28157	3.82	3.45
Gram-Trichoderma	10000	9500	39391	32416	29391	22916	2.93	2.41
Brinjal (Psuedommonas)	12500	11200	48600	42800	36100	31600	3.88	3.82

Analytical Review of component demonstrations (details of each component for rainfed / irrigated Situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Oil seed : Nil						
Pulses						
Gram	Rabi 2011-12	GG-2	Rainfed / Irrigated	17.3	14.4	20.2
Pigeon pea	Kharif '12-13	Vaishali	Rainfed	15.7	12.9	22.4
Pigeon pea	Kharif' 12-13	GT-101	Rainfed	14.8	12.3	20.2
Soy bean	Kharif' 12-13	JS-375	Rainfed	16.9	14.4	17.8
Other						
Paddy	Kharif '12-13	GR-5	Rainfed	12.4	10.3	21.2
Paddy	Kharif' 12-13	IR-28	Rainfed	14.5	12.3	18.2
Paddy	Kharif '12-13	NAUR -1	Rainfed	34.7	28.8	20.3
Paddy	Kharif '12-13	GNR-2	Rainfed	34.5	29	19
Wheat	Rabi 2011-12	GW-322	Irrigated	38.4	31.8	20.8

Maize	Kharif' 12-13	GM-6	Rainfed	13.9	11.9	17
Brinjal	Rabi 2011-12	--	Irrigated	227	210	8.1
Chilli	Rabi 2011-12	--	Irrigated	88	70	20.5
Tomato	Rabi 2011-12	GT-2	Irrigated	297.4	304	18.0
Use of bio-agent						
Cotton (IPM)	Kharif' 12-13	Bt	Rainfed / Irrigated	16.7	14.14	18.7
Paddy (IPM)	Kharif '12-13	--	Rainfed	12.15	10.23	20.23
Pigeon pea (Trichoderma)	Kharif '12-13	--	Rainfed / Irrigated	16.14	13.21	23.11
Gram (Trichoderma)	Rabi 2011-12	--		17.5	14.40	21.6
Brinjal (Psuedommonas)	Kharif '12-13	--		239	210	14

Technical Feedback on the demonstrated technologies

Sr. No	Feed Back
1. Paddy	Requirement of fine grain variety
2. Wheat	Development of variety for less number of chilling days
3. Pigeonpea	-Most preferref varietyas it gives countinous flowering. -Susceptible to pod fly incidence of Maruca testulis was observed.

Farmers' reactions on specific technologies

Sr. No	Crop	Variety	Feed Back
1	Gram	GG-2	- High yielding variety - Bold seeded
2	Paddy (GR-5)	GR-5	- Good performance in water scarce condition - Good grain quality -High straw yield -Early maturity
3	Pigeon pea	Vaishali	- High yielding - Water tolerant
4	Wheat	GW322	- Good tillering - Long ear - High yielding variety - Resistance against Rust
5	Chilli	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality
6	Brinjal	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality
7.	Tomato	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	Tomato	18/04/12	18+04=22	
		Brinjal	18/04/12	16+00=16	
		Paddy GNR-2	20/09/12	35+00=35	
		Paddy NAUR-1	24/09/12	29+00=29	
		Paddy GR-5	28/09/12	21+04=25	
		Soy bean JS-375	29/09/12	31+00=31	
		Cotton IPM	29/10/12	19+12=31	
		Paddy IPM	29/10/12	24+00=24	
		Pigeon Pea Vaisali	05/12/12	24+01=25	
		Pigeon Pea Boi- Compent	08/01/13	28+00=28	
2	Farmers Training	IPM in Paddy IPM in Cotton Scientific cultivation of Paddy & Tur Scientific cultivation of Gram Scientific cultivation of Wheat IPM in Rabi crops	31/05/12 05/06/12 11/06/12 10/10/12 08/11/12 07/11/12	31+00=31 29+00=29 39+00=39 30+00=30 27+00=27 50+00=50	
3	Media coverage	NIL	-	-	--
4	Training for extension functionaries	NIL	-	-	-

c. Details of FLD on Enterprises

(i) Farm Implements -- Nil –

Name of the implement	crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		

**** Field efficiency, labour saving etc.***

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Buffalo (Mineral mixture supplementation)	Indigenous	20	20	Service period (days)	114	142	(%) 19	Reduce service period
Cattle (Urea treatment to paddy straw)	Crossbred Cow	10	10	Milk yield	10.17lit	8.92lit	14.01	Increase yield
Goat (Concentrate feeding to kid)	Goat	10	20	Body weight(kg) at diff month	1^{st}-5.92	1^{st}-5.63	24.59	Increase weight
					3^{rd}-10.87	3^{rd}-9.08		
					6^{th}-18.54	6^{th}-16.04		
					9^{th}-26.90	9^{th}-21.59		
cross bred cow	HF	20	20	mastitis	0	3	100%	No mastitis in demonstration group

**** Milk production, meat production, egg production, reduction in disease incidence etc.***

(iii) Other Enterprises: NIL

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom	-							
Apiary	-							
Sericulture	-							
Vermi compost	-							

3.3 Achievements on Training (Including the sponsored, vocational, FLD and trainings under Rainwater Harvesting Unit) :

A) ON Campus

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	1	-	-	-	23	1	24	23	1	24
Resource Conservation Technologies	1	-	-	-	36	0	36	36	0	36
Cropping Systems		-	-	-						
Crop Diversification		-	-	-						
Integrated Farming	3	-	-	-	86	2	88	86	2	88
Water management	2	-	-	-	114	0	114	114	0	114
Seed production	4	-	-	-	293	10	303	293	10	303
Nursery management		-	-	-						
Integrated Crop Management	4	-	-	-	123	8	131	123	8	131
Fodder production	1	-	-	-	39	0	39	39	0	39
Production of organic inputs		-	-	-						
Total	**16**	-	-	-	**714**	**21**	**735**	**714**	**21**	**735**
II Horticulture		-	-	-						
a) Vegetable Crops										
Production of low volume and high value crops	1	-	-	-	00	13	13	00	13	13
Off-season vegetables	1				27	00	27	27	00	27
Nursery raising	1	-	-	-	24	1	25	24	1	25
Exotic vegetables like Broccoli		-	-	-						
Export potential vegetables		-	-	-						
Grading and standardization	1	-	-	-	29	00	29	29	00	29
Protective	1	-	-	-	24	1	25	24	1	25

cultivation (Green Houses, Shade Net etc.)										
Back yard farming										
b) Fruits		-	-	-	-			-		
Training and Pruning		-	-	-						
Layout and Management of Orchards		-	-	-						
Cultivation of Fruit										
Management of young plants/orchards		-	-	-						
Rejuvenation of old orchards		-	-	-						
Export potential fruits		-	-	-						
Micro irrigation systems of orchards		-	-	-						
Plant propagation techniques		-	-	-						
c) Ornamental Plants		-	-	-						
Nursery Management		-	-	-						
Management of potted plants		-	-	-						
Export potential of ornamental plants		-	-	-						
Propagation techniques of Ornamental Plants		-	-	-						
d) Plantation crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
e) Tuber crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
f) Spices		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
g) Medicinal and Aromatic Plants		-	-	-						
Nursery management		-	-	-						
Production and management technology		-	-	-						
Post harvest technology and		-	-	-						

value addition										
Total	**4**				**80**	**14**	**94**	**80**	**14**	**94**
III Soil Health and Fertility Management		-	-	-						
Soil fertility management										
Soil and Water Conservation										
Integrated Nutrient Management		-	-	-						
Production and use of organic inputs		-	-	-						
Management of Problematic soils		-	-	-						
Micro nutrient deficiency in crops		-	-	-						
Nutrient Use Efficiency		-	-	-						
Soil and Water Testing		-	-	-						
Total										
IV Livestock Production and Management		-	-	-						
Dairy Management	1				35	31	66	35	31	66
Poultry Management		-	-	-						
Piggery Management		-	-	-						
Rabbit Management		-	-	-						
Disease Management	1				0	20	20	0	20	20
Feed management	2	-	-	-	35	16	51	35	16	51
Production of quality animal products	2	-	-	-	70	0	70	70	0	70
Reproduction		-	-	-						
Total	**6**	-	-	-	**140**	**67**	**207**	**140**	**67**	**207**
V Home Science/Women empowerment		-	-	-						
Household food security by kitchen gardening and nutrition gardening		-	-	-						
Design and development of low/minimum cost diet		-	-	-						
Designing and development for high nutrient efficiency diet	1	-	-	-	101	4	105	101	4	105
Minimization of nutrient loss in processing	1				10	34	44	10	34	44

Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1				26	00	26	26	00	26
Income generation activities for empowerment of rural Women	1				29	00	29	29	00	29
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Total	**4**				**166**	**34**	**204**	**166**	**34**	**204**
VI Agril. Engineering		-	-	-						
Installation and maintenance of micro irrigation systems		-	-	-						
Use of Plastics in farming practices		-	-	-						
Production of small tools and implements		-	-	-						
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Total										
VII Plant Protection		-	-	-						
Integrated Pest Management	5	-	-	-	154	0	154	154	0	154
Integrated Disease Management	3	-	-	-	124	28	152	124	28	152
Bio-control of pests and diseases	2	-	-	-	106	36	142	106	36	142
Production of bio control agents and bio pesticides	2	-	-	-	85	3	88	85	3	88
Storage of food grains										
Total	**12**				**469**	**67**	**536**	**469**	**67**	**536**
VIII Fisheries		-	-	-						
Integrated fish farming		-	-	-						
Carp breeding and		-	-	-						

hatchery management										
Carp fry and fingerling rearing		-	-	-						
Composite fish culture		-	-	-						
Hatchery management and culture of freshwater prawn		-	-	-						
Breeding and culture of ornamental fishes		-	-	-						
Portable plastic carp hatchery		-	-	-						
Pen culture of fish and prawn		-	-	-						
Shrimp farming		-	-	-						
Edible oyster farming		-	-	-						
Pearl culture		-	-	-						
Fish processing and value addition		-	-	-						
IX Production of Inputs at site		-	-	-						
Seed Production		-	-	-						
Planting material production		-	-	-						
Bio-agents production		-	-	-						
Bio-pesticides production		-	-	-						
Bio-fertilizer production		-	-	-						
Vermi-compost production		-	-	-						
Organic manures production		-	-	-						
Production of fry and fingerlings		-	-	-						
Production of Bee-colonies and wax sheets		-	-	-						
Small tools and implements		-	-	-						
Production of livestock feed and fodder		-	-	-						
Production of Fish feed		-	-	-						
Total		-	-	-						
X Capacity Building and Group Dynamics		-	-	-						
Leadership development	2	-	-	-	103	10	113	103	10	113
Group dynamics		-	-	-						
Formation and Management of										

SHGs/ Co-operative society										
Mobilization of social capital	2	-	-	-	76	0	76	76	0	76
Entrepreneurial development of farmers/youths		-	-	-						
other (Value addition)										
Credit availability										
WTO and IPR issues										
Total	**4**	-	-	-	**179**	**10**	**189**	**179**	**10**	**189**
XI Agro-forestry		-	-	-						
Production technologies		-	-	-						
Nursery management		-	-	-						
Integrated Farming Systems		-	-	-						
TOTAL		-	-	-						
(B) RURAL YOUTH		-	-	-						
Mushroom Production		-	-	-						
Bee-keeping		-	-	-						
Integrated farming		-	-	-						
Seed production	1	-	-	-	90	36	126	90	36	126
Production of organic inputs		-	-	-						
Integrated Farming	1				12	38	50	12	38	50
Planting material production		-	-	-						
Vermin-culture	1	-	-	-	39	0	39	39	0	39
Sericulture		-	-	-						
Protected cultivation of vegetable crops		-	-	-						
Commercial fruit production		-	-	-						
Repair and maintenance of farm machinery and implements	1	-	-	-	39	28	67	39	28	67
Nursery Management of Horticulture crops		-	-	-						
Training and pruning of orchards		-	-	-						
Value addition	1	-	-	-	0	42	42	0	42	42
Production of quality animal products		-	-	-						
Drip Irrigation										
Sheep and goat rearing		-	-	-						
Quail farming		-	-	-						
Piggery		-	-	-						
Rabbit farming		-	-	-						

Poultry production		-	-	-						
Ornamental fisheries		-	-	-						
Storage of food										
Para extension workers		-	-	-						
Composite fish culture		-	-	-						
Freshwater prawn culture		-	-	-						
Awareness about Bio-fertilizer and Bio pesticides										
Pearl culture		-	-	-						
Cold water fisheries		-	-	-						
Fish harvest and processing technology		-	-	-						
Fry and fingerling rearing		-	-	-						
Small scale processing		-	-	-						
Post Harvest Technology		-	-	-						
Tailoring and Stitching										
Rural Crafts		-	-	-						
TOTAL	**5**				**222**	**102**	**324**	**222**	**102**	**324**
		-	-	-						
(C) Extension Personnel		-	-	-						
Productivity enhancement in field crops	1	-	-	-	19	00	19	19	00	19
Integrated Pest Management	1				11	4	15	11	4	15
Integrated Nutrient management		-	-	-						
Rejuvenation of old orchards		-	-	-						
Protected cultivation technology	1				7	33	40	7	33	
Formation and Management of SHGs	1	-	-	-	20	00	20	20	00	20
Group Dynamics and farmers organization		-	-	-						
Information networking among farmers		-	-	-						
Capacity building for ICT application	1				11	17	30	11	17	30
Care and maintenance of farm machinery and implements		-	-	-						
WTO and IPR issues		-	-	-						

Management in farm animals										
Livestock feed and fodder production		-	-	-						
Household food security		-	-	-						
Vermi compost										
Low cost and nutrient efficient diet designing		-	-	-						
Production and use of organic inputs										
Gender mainstreaming through SHGs		-	-	-						
Cultivation of fruits										
Transfer of technology										
TOTAL	**5**				**68**	**54**	**122**	**68**	**54**	**122**
Grant Total	**57**				**2020**	**416**	**2436**	**2020**	**416**	**2436**

B) OFF Campus

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	1				24	10	34	24	10	34
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming	2				53	1	54	53	1	54
Water management										
Seed production		-	-	-						
Nursery management	1	-	-	-	20	9	29	20	9	29
Integrated Crop Management	1				26	0	26	26	0	26
Fodder production		-	-	-						
Production of organic inputs										
Total	**5**				**123**	**20**	**143**	**123**	**20**	**143**
II Horticulture		-	-	-						
a) Vegetable Crops		-	-	-						
Production of low volume and high value crops										
Off-season vegetables		-	-	-						
Nursery raising										
Exotic vegetables like Broccoli		-	-	-						
Export potential vegetables		-	-	-						
Grading and		-	-	-						

standardization										
Protective cultivation (Green Houses, Shade Net etc.)		-	-	-						
Other INM										
b) Fruits		-	-	-						
Training and Pruning		-	-	-						
Layout and Management of Orchards		-	-	-						
Cultivation of Fruit										
Management of young plants/orchards		-	-	-						
Rejuvenation of old orchards		-	-	-						
Export potential fruits		-	-	-						
Micro irrigation systems of orchards		-	-	-						
Plant propagation techniques		-	-	-						
c) Ornamental Plants		-	-	-						
Nursery Management		-	-	-						
Management of potted plants		-	-	-						
Export potential of ornamental plants		-	-	-						
Propagation techniques of Ornamental Plants		-	-	-						
d) Plantation crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
e) Tuber crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
f) Spices		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
g) Medicinal and Aromatic Plants		-	-	-						
Nursery management		-	-	-						
Production and management technology		-	-	-						
Post harvest technology and value addition		-	-	-						

Total										
III Soil Health and Fertility Management	-	-	-	-						
Soil fertility management		-	-	-						
Soil and Water Conservation		-	-	-						
Integrated Nutrient Management		-	-	-						
Production and use of organic inputs		-	-	-						
Management of Problematic soils		-	-	-						
Micro nutrient deficiency in crops		-	-	-						
Nutrient Use Efficiency		-	-	-	-					
Soil and Water Testing		-	-	-						
		-	-	-						
IV Livestock Production and Management		-	-	-						
Dairy Management	2	-	-	-	38	22	60	38	22	60
P oultry Management										
Piggery Management		-	-	-						
Rabbit Management		-	-	-						
Disease Management										
Feed management	2				27	40	67	27	40	67
Health management	3				54	20	74	54	20	74
Production of quality animal product										
Total	**7**				**119**	**88**	**207**	**119**	**88**	**207**
V Home Science/Women empowerment	-	-	-	-						
Household food security by kitchen gardening and nutrition gardening		-	-	-						
Design and development of low/minimum cost diet		-	-	-						
Designing and development for high nutrient efficiency diet		-	-	-						
Minimization of nutrient loss in processing		-	-	-						
Gender mainstreaming through SHGs		-	-	-						

Storage loss minimization techniques		-	-	-						
Value addition		-	-	-						
Income generation activities for empowerment of rural Women		-	-	-						
Location specific drudgery reduction technologies		-	-	-						
Rural Crafts		-	-	-						
Women and child care		-	-	-						
Total		-	-	-						
VI Agril. Engineering	-	-	-	-						
Installation and maintenance of micro irrigation systems		-	-	-						
Use of Plastics in farming practices		-	-	-						
Production of small tools and implements		-	-	-						
Repair and maintenance of farm machinery and implements		-	-	-						
Small scale processing and value addition		-	-	-						
Post Harvest Technology		-	-	-						
VII Plant Protection		-	-	-						
Integrated Pest Management	4				120	6	126	120	6	126
Integrated Disease Management	2				29	25	54	29	25	54
Bio-control of pests and diseases	1				31	0	31	31	0	31
Production of bio control agents and bio pesticides	2				54	3	57	54	3	57
Total	**9**				**234**	**34**	**268**	**234**	**34**	**268**
VIII Fisheries	-	-	-	-						
Integrated fish farming		-	-	-						
Carp breeding and hatchery management		-	-	-						
Carp fry and fingerling rearing		-	-	-						
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Hatchery	--	--	--	--	--	--	--	--	--	--

management and culture of freshwater prawn										
Breeding and culture of ornamental fishes	--	--	--	--	--	--	--	--	--	--
Portable plastic carp hatchery	--	--	--	--	--	--	--	--	--	--
Pen culture of fish and prawn	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Edible oyster farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Fish processing and value addition	--	--	--	--	--	--	--	--	--	--
IX Production of Inputs at site	-									
Seed Production	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Bio-agents production	--	--	--	--	--	--	--	--	--	--
Bio-pesticides production	--	--	--	--	--	--	--	--	--	--
Bio-fertilizer production	--	--	--	--	--	--	--	--	--	--
Vermi-compost production	--	--	--	--	--	--	--	--	--	--
Organic manures production	--	--	--	--	--	--	--	--	--	--
Production of fry and fingerlings	--	--	--	--	--	--	--	--	--	--
Production of Bee-colonies and wax sheets	--	--	--	--	--	--	--	--	--	--
Small tools and implements	--	--	--	--	--	--	--	--	--	--
Production of livestock feed and fodder	--	--	--	--	--	--	--	--	--	--
Production of Fish feed	--	--	--	--	--	--	--	--	--	--
X Capacity Building and Group Dynamics										
Leadership development	1	--	--	--	9	7	16	9	7	16
Group dynamics	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs/farmers club	1				20	1	21	20	1	21
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										

Value addition										
TOT										
Credit availability										
Total	**2**	**-**	**-**	**-**	**29**	**8**	**37**	**29**	**8**	**37**
XI Agro-forestry	-									
Production technologies	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Farming Systems	--	--	--	--	--	--	--	--	--	--
(B) RURAL YOUTH										
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Bee-keeping		-	-	-						
Integrated farming		-	-	-						
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Dairying	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Quail farming	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Rabbit farming	--	--	--	--	--	--	--	--	--	--
Poultry production	--	--	--	--	--	--	--	--	--	--
Ornamental fisheries	--	--	--	--	--	--	--	--	--	--
Para vets	--	--	--	--	--	--	--	--	--	--
Para extension workers	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Freshwater prawn culture	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Cold water fisheries	--	--	--	--	--	--	--	--	--	--
Fish harvest and	--	--	--	--	--	--	--	--	--	--

processing technology										
Fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Small scale processing	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
TOTAL										
(C) Extension Personnel	-									
Productivity enhancement in field crops	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation technology	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs	--	--	--	--	--	--	--	--	--	--
Group Dynamics and farmers organization	--	--	--	--	--	--	--	--	--	--
Information networking among farmers	--	--	--	--	--	--	--	--	--	--
Capacity building for ICT application	--	--	--	--	--	--	--	--	--	--
Care and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
WTO and IPR issues	--	--	--	--	--	--	--	--	--	--
Management in farm animals	--	--	--	--	--	--	--	--	--	--
Livestock feed and fodder production	--	--	--	--	--	--	--	--	--	--
Household food security	--	--	--	--	--	--	--	--	--	--
Women and Child care	--	--	--	--	--	--	--	--	--	--
Low cost and nutrient efficient diet designing	--	--	--	--	--	--	--	--	--	--
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Gender mainstreaming through SHGs	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--
Grant Total	**23**				**505**	**144**	**649**	**505**	**144**	**649**

C) Consolidated table (ON and OFF Campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	2	0	0	0	47	11	58	47	11	58
Resource Conservation Technologies	1	0	0	0	36	0	36	36	0	36
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	5	0	0	0	139	3	142	139	3	142
Water management	2	0	0	0	114	0	114	114	0	114
Seed production	4	0	0	0	293	10	303	293	10	303
Nursery management	1	0	0	0	20	9	29	20	9	29
Integrated Crop Management	5	0	0	0	149	8	157	149	8	157
Fodder production	1	0	0	0	39	0	39	39	0	39
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	1	0	0	0	0	13	13	0	13	13
Off-season vegetables	1	0	0	0	27	0	27	27	0	27
Nursery raising	1	0	0	0	24	1	25	24	1	25
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	1	0	0	0	29	0	29	29	0	29
Protective cultivation (Green Houses, Shade Net etc.)	1	0	0	0	24	1	25	24	1	25
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0

Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management										
Dairy Management	3	0	0	0	73	53	126	73	53	126
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Disease Management	1	0	0	0	0	20	20	0	20	20
Feed management	4	0	0	0	62	56	118	62	56	118

Production of quality animal products	5	0	0	0	124	20	144	124	20	144
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	101	4	105	101	4	105
Minimization of nutrient loss in processing	1	0	0	0	10	34	44	10	34	44
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	26	0	26	26	0	26
Income generation activities for empowerment of rural Women	1	0	0	0	29	0	29	29	0	29
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
VII Plant Protection										
Integrated Pest Management	9	0	0	0	274	6	280	274	6	280
Integrated Disease Management	5	0	0	0	153	53	206	153	53	206
Bio-control of pests and diseases	3	0	0	0	137	36	173	137	36	173
Production of bio control agents and bio pesticides	4	0	0	0	139	6	145	139	6	145

VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics										
Leadership development	3	0	0	0	112	17	129	112	17	129
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	0	0	0	20	1	21	20	1	21
Mobilization of social capital	2	0	0	0	76	0	76	76	0	76

Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
TOTAL	**70**	**0**	**0**	**0**	**2277**	**362**	**2639**	**2277**	**362**	**2639**
(B) RURAL YOUTH										
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	1	0	0	0	90	36	126	90	36	126
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	0	0	0	12	38	50	12	38	50
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	0	0	0	39	0	39	39	0	39
Sericulture	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	0	0	0	39	28	67	39	28	67
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	0	42	42	0	42	42
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0

Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**0**	**0**	**0**	**180**	**144**	**324**	**180**	**144**	**324**
(C) Extension Personnel										
Productivity enhancement in field crops	1	0	0	0	19	0	19	19	0	19
Integrated Pest Management	1	0	0	0	11	4	15	11	4	15
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	0	0	0	7	33	40	7	33	40
Formation and Management of SHGs	1	0	0	0	20	0	20	20	0	20
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	0	0	0	11	17	28	11	17	28
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**0**	**0**	**0**	**68**	**54**	**122**	**68**	**54**	**122**
Grant Total	**80**	**0**	**0**	**0**	**2525**	**560**	**3085**	**2525**	**560**	**3085**

Note: Please furnish the details of above training programmes as <u>Annexure</u> in the proforma given below

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							Male	Female	Total	Male	Female	Total	Male	Female	Total
11-5-12	Farmers	Scientific Cultivation Practices of Paddy	Crop production	Nursery Management	1	Off campus	00	00	00	20	9	29	20	9	29
14-5-12	Farmers	Scientific Cultivation Practices of cotton	Crop production	Integrated Farming	1	Off Campus	00	00	00	30	0	30	30	0	30
16-5-12	Farmers	Scientific Cultivation Practices of pulses	Crop production	Integrated Farming	1	-//-	00	00	00	23	1	24	23	1	24
24-5-12	Farmers	Scientific Cultivation Practices of pulses	Crop production	Integrated Farming	1	-//-	00	00	00	24	2	26	24	2	26
4-6-12	Farmers	IWM in Cotton	Crop production	Weed Management	1	On Campus	00	00	00	23	1	24	23	1	24
5-6-12	Farmers	Scientific Cultivation Practices of pulses	Crop production	Resources Conservation	1	On Campus	00	00	00	36	0	36	36	0	36
7-6-12	Farmers	Weed management in Kharif crops	Crop production	Integrated Farming	1	-//-	00	00	00	35	0	35	35	0	35
11-6-12	Farmers	Fertilizer management in kharif crops	Crop production	Fodder Production	1	On campus	00	00	00	39	0	39	39	0	39
14-8-12	Farmers	Scientific Cultivation Practices of cotton	Crop production	Integrated Farming	1	-//-	00	00	00	27	0	27	27	0	27
8-10-12	Farmers	Scientific Cultivation Practices of Paddy and Tur	Crop production	Weed Management	1	Off Campus	0	0	0	24	10	34	24	10	34
10-10-12	Farmers	Scientific Cultivation Practices of Paddy	Crop production	Seed Production	1	On campus	00	00	00	30	0	30	30	0	30
11-10-12	Farmers	Scientific Cultivation of Kharif Crops	Crop production	Water Management	1	On campus	00	00	00	60	0	60	60	0	60
12-10-12	Farmers	Cultivation of wheat	Crop production	Water Management	1	On campus	00	00	00	54	0	54	54	0	54
8-11-12	Farmers	Seed production in Rabi crops	Crop production	Integrated crop management	1	On campus	00	00	00	27	0	27	27	0	27
9-11-12	Farmers	Seed production in Rabi crops	Crop production	Integrated crop management	1	On campus	00	00	00	21	1	22	21	1	22

23-11-12	Farmers	Soil fertility management	Crop production	Integrated crop management	1	On campus	00	00	00	12	0	12	12	0	12
24-11-12	Farmers	Seed production in Rabi crops	Crop production	Integrated crop management	1	Off campus	00	00	00	26	0	26	26	0	26
26-12-12	Farmers	Seed production in Rabi crops	Crop production	Integrated crop management	1	On campus	00	00	00	63	7	70	63	7	70
19-1-13	Farmers	Scientific Cultivation Practices of wheat	Crop production	Seed Production	1	-//-	00	00	00	65	10	75	65	10	75
12-2-13	Farmers	Scientific Cultivation Practices of sorghum	Crop production	Seed Production	1	-//-	00	00	00	100	0	100	100	0	100
21-3-13	Farmers	Scientific Cultivation Practices of wheat and gram	Crop production	Seed Production	1	-//-	00	00	00	98	0	98	98	0	98
28-5-12	Farmers	Nursery raising in kharif vegetable	Horti-culture	Nursery management	1	On campus	00	00	00	27	0	27	27	0	27
29-5-12	Farmers	Scientific Cultivation Practices of papdi	Horticulture	Production of low volume and high volume crops	1	-//-	00	00	00	24	1	25	24	1	25
21-7-12	Farmers	Scientific Cultivation Practices of Brinjal	Horticulture	Production of low volume and high volume crops	1	-//-	00	00	00	0	13	13	0	13	13
2-11-12	Farmers	Management of mango orchard	Horticulture	Production of low volume and high volume crops	1	-//-	00	00	00	29	0	29	29	0	29
8-8-12	Farmers	Sewing and Tailoring	Home Science	Economic empowerment	1	-//-	00	00	00	101	4	105	101	4	105
21-8-12	Farm women	Important of SHGS	Home Science	Women-empowerment	1	-//-	00	00	00	10	34	44	10	34	44
30-9-12	Farmers	Minimization nutritional loss in cooking	Home Science	Women and Child care	1	-//-	00	00	00	26	0	26	26	0	26
18-12-12	Farmers	Beauty parlour and tailoring	Home-Science	Economic empowerment	1	-//-	00	00	00	13	26	39	13	26	39
19-4-12	Farmers	IPM in vegetables	Plant Protection	IPM	1	Off Campus	00	00	00	22	2	24	22	2	24
11-5-12	Farmers	Scientific cultivation of	Plant	IPM	1	Off	00	00	00	31	4	35	31	4	35

		Brinjal	Protection			Campus									
15-5-12	Farmers	Nursery raising in kharif vegetables	Plant Protection	IPM	1	Off Campus	00	00	00	38	0	38	38	0	38
31-5-12	Farmers	Scientific cultivation of Surti Papdi	Plant Protection	IPM	1	On Campus	00	00	00	31	0	31	31	0	31
5-6-12	Farmers	IPM in kharif crops	Plant Protection	IPM	1	On Campus	00	00	00	29	0	29	29	0	29
22-6-12	Farmers	Management of fruit crops	Plant Protection	Store Grain	1	On Campus	00	00	00	20	3	23	20	3	23
5-7-12	Farmers	IPM in kharif crops	Plant Protection	IPM	1	On Campus	00	00	00	27	0	27	27	0	27
23-7-12	Farmers	IPM in kharif crops	Plant Protection	IPM	1	On Campus	00	00	00	22	0	22	22	0	22
24-7-12	Farmers	Scientific cultivation of vegetables	Plant Protection	IDM	1	Off Campus	00	00	00	22	4	26	22	4	26
7-8-12	Farmers	Scientific cultivation of kharif vegetables	Plant Protection	IDM	1	On Campus	00	00	00	35	28	63	35	28	63
20-8-12	Farmers	orchard development in tribal area	Plant Protection	IDM	1	Off Campus	00	00	00	7	21	28	7	21	28
24-8-12	Farmers	Biological control of crops pest	Plant Protection	Bio- Control	1	Off Campus	00	00	00	31	0	31	31	0	31
26-9-12	Farmers	IPM in kharif crops	Plant Protection	IPM	1	On Campus	00	00	00	45	0	45	45	0	45
9-10-12	Farmers	Store grain of insect –pest	Plant Protection	Store Grain	1	Off Campus	00	00	00	22	0	22	22	0	22
31-10-12	Farmers	Biological control of crops pest	Plant Protection	Bio- Control	1	On Campus	00	00	00	90	36	126	90	36	126
3-11-12	Farmers	Importance of Kitchen gardening	Plant Protection	IDM	1	On Campus	00	00	00	39	0	39	39	0	39
7-11-12	Farmers	Management of Mango orchards	Plant Protection	IDM	1	On Campus	00	00	00	50	0	50	50	0	50
11-11-12	Farmers	Biological control of crops pest	Plant Protection	Bio- Control	1	On Campus	00	00	00	16	0	16	16	0	16
23-11-12	Farmers	Store grain of insect –pest	Plant Protection	Store Grain	1	Off Campus	00	00	00	32	3	35	32	3	35
17-1-13	Farmers	Store grain of insect –pest	Plant Protection	Store Grain	1	On Campus	00	00	00	65	0	65	65	0	65
15-3-13	Farmers	Scientific cultivation of Surti Papdi	Plant Protection	IPM	1	Off Campus	00	00	00	29	0	29	29	0	29
19-4-12	Farmers	Vaccination and deworming	Animal Science	Disease	1	Off	00	00	00	21	2	23	21	2	23

		in animals		management		Campus									
15-5-12	Farmers	Care & management of pregnant Animal	Animal Science	Breading Animal	1	On Campus	00	00	00	11	0	11	11	0	11
17-5-12	Farmers	Vaccination in cattle	Animal Science	Disease management	1	Off Campus	00	00	00	0	17	17	0	17	17
21-5-12	Farmers	Urea treatment to paddy straw	Animal Science	Feeding management	1	-//-	00	00	00	1	16	17	1	16	17
24-5-12	Farmers	Feeding pattern in milch animals & calves	Animal Science	Housing management	1	Off Campus	00	00	00	24	8	32	24	8	32
29-5-12	Farmers	Vaccination in cattle	Animal Science	Disease management	1	Off Campus	00	00	00	33	1	34	33	1	34
12-6-12	Farmers	Feeding pattern in milch animals & calves	Animal Science	Housing management	1	Off Campus	0	0	0	14	14	28	14	14	28
29-6-12	Farmers	Care & managements of puerperial animals	Animal Science	Breading Animal	1	On Campus	00	00	00	59	0	59	59	0	59
25-7-12	Farmers	Feeds and Fodder management	Animal Science	Feeding management	1	Off Campus	00	00	00	0	20	20	0	20	20
6-8-12	Farmers	Establishment of dairy unit	Animal Science	Dairy management	1	-//-	00	00	00	35	31	66	35	31	66
16-8-12	Farmers	Feeds and Fodder management	Animal Science	Feeding management	1	Off Campus	00	00	00	27	20	47	27	20	47
23-8-12	Farmers	Urea treatment to paddy straw	Animal Science	Feeding management	1	-//-	00	00	00	34	0	34	34	0	34
14-9-12	Farmers	Vaccination and deworming in animals	Animal Science	Disease management	1	On Campus	00	00	00	0	20	20	0	20	20
2-6-12	Farmers	Income generation option for SHG	Extension Education	TOT	1	On Campus	00	00	00	52	0	52	52	0	52
6-6-12	Farmers	Income generation option for sustainable livelihood	//	//	1	-//-	00	00	00	24	0	24	24	0	24
13-6-12	Farmers	Kishan credit card importance and procedure	-//-	Management Ability	1	Off campus	00	00	00	9	7	16	9	7	16
23-1-13	Farmers	Use of ICT in agriculture	-//-	Capacity Building	1	On Campus	00	00	00	65	10	75	65	10	75
15/17-2-13	Farmers	Training cum shibir on integrated farming system	-//-	//	3	-//-	00	00	00	38	0	38	38	0	38
15-3-13	Farmers	Integrated farming system(S)	-//-	//	1	Off campus	00	00	00	20	1	21	20	1	21

(D) Vocational training programmes for Rural Youth:

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
					Male	Female	Total	Type of units	Number of units	Number of persons employed	
Agronomy	30-10-12	Integrated farming of cultivated crop	Integrated farming	1	90	36	126	--	--	--	--
Plant protection	3-11-12	Nursery Management	Nursery Management	1	39	0	39	--	--	--	--
Plant protection	11-2-13	Repair and maintenance of plant protection equipments	Farm mechanization	1	39	28	67	--	--	--	--
Extension Education	21/24-1-13	Value addition through seed production	Value addition	4	0	42	42	--	--	--	--

(E) Sponsored Training Programmes

Sl.No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
								Others			SC/ST			Total				
								Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	26-4-12	Scientific cultivation of kharif crops	Agronomy	Integrated crop management	1	PF	1	00	00	00	50	0	50	50	0	50	ATMA	Expenditure borne by sponsoring agency
2	27-4-12	Soil fertility management	Agronomy	Soil health	1	PF	1	00	00	00	17	0	17	17	0	17	ATMA	Expenditure borne by sponsoring agency
3	30-4-12	Farm implement	Agronomy	Farming system	1	PF	1	00	00	00	00	59	59	00	59	59	FTC	Expenditure borne by sponsoring agency
4	30-4-12	Dairy Farming	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	00	49	49	00	49	49	ATMA	Expenditure borne by sponsoring agency
5	17-5-12	Dairy management	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	2	15	17	2	15	17	ATMA	Expenditure borne by sponsoring agency
6	30-6-12	Feed management	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	50	64	114	50	64	114	FTC	Expenditure borne by sponsoring agency
7	2-7-12	IPM	plant protection	IPM	1	PF	1	00	00	00	20	00	20	20	00	20	ATMA	Expenditure borne by sponsoring agency
8	22-8-12	Housing management	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	42	0	42	42	0	42	ATMA	Expenditure borne by sponsoring agency
9	25-9-12	Credit availability	Extension Education	Extension Education	1	PF	1	00	00	00	53	0	53	53	0	53	ATMA	Expenditure borne by sponsoring agency
10	16-10-12	IDM	plant protection	plant protection	1	PF	1	00	00	00	26	0	26	26	0	26	FTC	Expenditure borne by sponsoring agency

11	1-11-12	Storage of food grain	Plant protection	IPM	1	PF	1	00	00	00	16	0	16	16	0	16	ATMA	Expenditure borne by sponsoring agency
12	8-11-12	IPM	Plant protection	IPM	1	PF	1	00	00	00	85	0	85	85	0	85	ATMA	Expenditure borne by sponsoring agency
13	20-11-12	Water Management	Agronomy	Water Management	1	FW	1	00	00	00	5	16	21	5	16	21	ATMA	Expenditure borne by sponsoring agency
14	3-12-12	Water Management	Agronomy	Water Management	1	FW	1	00	00	00	14	3	17	14	3	17	ATMA	Expenditure borne by sponsoring agency
15	21-12-12	Nursery Management	Agronomy	Nursery Management	1	PF	1	00	00	00	55	16	71	55	16	71	FTC	Expenditure borne by sponsoring agency
16	27-12-12	IPM	Plant protection	IPM	1	PF	1	00	00	00	39	49	88	39	49	88	ATMA	Expenditure borne by sponsoring agency
17	28-12-12	Credit availability	Extension Education	Credit availability	1	PF	1	00	00	00	58	0	58	58	0	58	ATMA	Expenditure borne by sponsoring agency
18	30-1-13	Leadership development	Extension Education	Leadership development	1	PF	1	00	00	00	35	10	45	35	10	45	ICECD Ahmedabad	Expenditure borne by sponsoring agency
19	11-2-13	Maintenance and repairs of sprayers	Plant protection	Spraying implements	1	PF	1	00	00	00	39	28	67	39	28	67	ATMA	Expenditure borne by sponsoring agency
20	25-2-13	Vermi Compost	Agronomy	Resource Conservation	1	PF	1	00	00	00	48	14	62	48	14	62	ATMA	Expenditure borne by sponsoring agency

3.4. Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Purpose/ topic and Date	No. of activities	Participants											
				Farmers (Others) (I)			SC/ST (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day	Tomato -1 18/4/12	**1**	**0**	**0**	**0**	**18**	**4**	**22**	**-**	**-**	**-**	**18**	**4**	**22**
		Brinjal -1 18/4/12	1	**0**	**0**	**0**	**16**	**0**	**16**	**-**	**-**	**-**	**16**	**0**	**16**
		Onion-1 20/4/12	1	**0**	**0**	**0**	**13**	**8**	**21**	**-**	**-**	**-**	**13**	**8**	**21**
		Ground nut-1 1/5/12	1	**0**	**0**	**0**	**50**	**2**	**52**	**-**	**-**	**-**	**50**	**2**	**52**
		Paddy GNR-2 20/9/12	1	**0**	**0**	**0**	**35**	**00**	**35**	**-**	**-**	**-**	**35**	**0**	**35**
		Paddy GAUR-1 24/9/12	1	**0**	**0**	**0**	**26**	**0**	**29**	**-**	**-**	**-**	**29**	**0**	**29**
		Paddy GR-5 28/9/12	1	**0**	**0**	**0**	**21**	**4**	**25**	**-**	**-**	**-**	**21**	**4**	**25**
		Soy bean- GS-375 29/9/12	1	**0**	**0**	**0**	**31**	**0**	**31**	**-**	**-**	**-**	**31**	**0**	**31**
		Cotton IPM 29/10/12	1	**0**	**0**	**0**	**19**	**12**	**31**	**-**	**-**	**-**	**19**	**12**	**31**
		IPM Paddy 29/10/12	1	**0**	**0**	**0**	**24**	**0**	**24**	**-**	**-**	**-**	**24**	**0**	**24**
		Pigeon Pea Vaishali 5/12/12	1	**0**	**0**	**0**	**24**	**1**	**25**	**-**	**-**	**-**	**24**	**1**	**25**
		Gram GG-2 8/1/13	1	**0**	**0**	**0**	**21**	**0**	**21**	**-**	**-**	**-**	**21**	**0**	**21**
		Pigeon Pea Bio-Component 8/1/13	1	**0**	**0**	**0**	**28**	**0**	**28**	**-**	**-**	**-**	**28**	**0**	**28**
	Field Day	Gram Bio-Component 23/1/13	1	**0**	**0**	**0**	**22**	**0**	**22**	**-**	**-**	**-**	**22**	**0**	**22**
		Wheat GW-496 8/2/13	1	**0**	**0**	**0**	**17**	**12**	**29**	**-**	**-**	**-**	**17**	**12**	**29**
	Total		**15**	**0**	**0**		**365**	**43**	**411**	**-**	**-**	**-**	**365**	**43**	**411**
2.	Kisan Mela/ Exhibition	04.02.2013 to 7.02.2013	4	**0**	**0**	**0**	3000	2000	5000	-	-	-	3000	2000	5000

	participation														Approx
3.	Khedut Shibir	Cotton-Vadi 17/5/12	**1**	**0**	**0**	**0**	105	46	151	-	-	-	105	46	151
		Paddy –Pansar 25/5/12	**1**	**0**	**0**	**0**	300	111	411	-	-	-	300	111	411
		Cotton-Besana 28/5/12	**1**	**0**	**0**	**0**	96	25	121	-	-	-	96	25	121
		Paddy-kukarda 30/5/12	**1**	**0**	**0**	**0**	71	0	71	-	-	-	71	0	71
		Paddy-Gadh 1/6/12	**1**	**0**	**0**	**0**	334	152	484	-	-	-	334	152	484
		Kharif crop-Nana doramba 6/6/12	**1**	**0**	**0**	**0**	268	134	402	-	-	-	268	134	402
		Paddy-Ghatoli 11/6/12	**1**	**0**	**0**	**0**	121	90	211	-	-	-	121	90	211
		Rabi crop Aambavadi 2/11/12	**1**	**0**	**0**	**0**	152	8	160	-	-	-	152	8	160
		Pulses-Bogaj 3/1/13	**1**	**0**	**0**	**0**	120	5	125	-	-	-	120	5	125
		IPM in pulses-Kakarpada 8/1/13	**1**	**0**	**0**	**0**	132	35	167	-	-	-	132	35	167
		Pigeon pea-kevdi 21/1/13	**1**	**0**	**0**	**0**	100	100	200	-	-	-	100	100	200
		Gram –kevdi 22/1/13	**1**	**0**	**0**	**0**	99	94	193	-	-	-	99	94	193
		Mung-kukarda 23/1/13	**1**	**0**	**0**	**0**	187	64	251	-	-	-	187	64	251
		Total	**13**	**0**	**0**	**0**	**2085**	**864**	**2947**	**-**	**-**	**-**	**2085**	**864**	**2947**
4	Kisan gosthi / Interaction	Cotton Gosthi 18/5/12	**1**	**0**	**0**	**0**	34	5	39	-	-	-	34	5	39
		Cotton Gosthi 21/5/12	**1**	**0**	**0**	**0**	65	0	65	-	-	-	65	0	65
		Interaction on Animal Husbandry 23/5/12	**1**	**0**	**0**	**0**	31	2	33	-	-	-	31	2	33
		Interaction on Value Addition 11/6/12	**1**	**0**	**0**	**0**	157	1	158	-	-	-	157	1	158
		Interaction on Varmi Compost 11/6/12	**1**	**0**	**0**	**0**	173	3	176	-	-	-	173	3	176
		Kharif crop 27/9/12	**1**	**0**	**0**	**0**	16	30	46	**2**	**0**	**2**	18	30	48
		Women in Ani. Husbandry 28/9/12	**1**	**0**	**0**	**0**	16	30	46	**2**	**0**	**2**	18	30	48
		IPM in Rabi	**1**	**0**	**0**	**0**	27	0	27	-	-	-	27	0	27

		23/11/12													
		Rabi crops 14/12/12	**1**	**0**	**0**	**0**	23	8	31	-	-	-	23	8	31
		IPM in Vegetable 20/12/12	**1**	**0**	**0**	**0**	17	4	21	-	-	-	17	4	21
		IPM in Vegetable 28/12/12	**1**	**0**	**0**	**0**	150	50	200	-	-	-	150	50	200
		INM in pulses 3/1/13	**1**	**0**	**0**	**0**	120	5	125	-	-	-	120	5	125
		INM in pulses 21/1/13	**1**	**0**	**0**	**0**	162	44	206	-	-	-	162	44	206
		Total	**13**	**0**	**0**	**0**	**957**	**177**	**1134**	**2**	**0**	**2**	**959**	**177**	**1136**
5.	Farmer Seminar	8/6/12 Kharif Crop and Animal Husbandry	**1**	**0**	**0**	**0**	97	1	97	-	-	-	97	1	98
6	Workshop Participated	8/8/12 Lively hood Security in Tribal Area	**1**	**0**	**0**	**0**	101	4	105	-	-	-	101	4	105
		28/2/13 Nursery Management	**1**	**0**	**0**	**0**	8	21	31	-	-	-	8	21	31
7.	Workshop Attended	6/1/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		9/1/13 to 11/1/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		21/1/13 to 23/1/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		21/3/13 to 22/3/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		Total	**5**												
8.	Film Show	Crop cultivation, animal husbandry ,vermin compost, FYM, IPM and IDM	28	-	-	-	-	-	-	-	-	-	**2117**	**610**	**2727**
9.	Method Demonstrations	During Krishi Mohotsav-12 on Seed treatment	5	0	0	0	570	173	743				570	173	743
		19/10/12, 2/11/13, 23/1/13 Seed treatment in Gram	3	0	0	0	40	1	41				40	1	41
		Total	**8**	**0**	**0**	**0**	**610**	**174**	**784**				**610**	**174**	**784**
10.	Group meetings	8	0	0	0	0	124	29	153				124	29	153
11.	Lectures delivered as resource persons	96	0	0	0	0	1842	1056	2898	9	1	10	1851	1057	2908
12.	Newspaper coverage	10		---											
13.	Radio talks	27/8/12 IWM in Tur	1	--	--	--	--	--	--	--	--	--	--	--	--

15.	TV talks	-	0	--	--	--	--	--	--	--	--	--	--	--	--
16.	Extension Literature	Distributed during various programmes--	25000	---											
17.	Advisory Services (Telephonic)	--	---	--	--	--	--	--	--	--	--	--	485	3	488
18.	Scientific visit to farmers field	--		--	--	--	--	--	--	--	--	--	436	162	598
19.	Farmers visit to KVK	--	--	--	--	--	--	--	--	--	--	--	105	6	111
20.	Diagnostic visits	Paddy,Cooton, Pigeonpea, Brinjal, Tomato, Chilli,, Watermelon, Pointer gouard, Papdi,Mango											106	20	126
21.	Exposure visits	9/2/13 and 15-17/3/13 and 18/3/13	3	0	0	0	46	46	92	0	0	0	46	46	92
22.	Soil health Camp	5/2/13 Water + Soil = **11+23=34**	-	-	-	-	-	-	-	-	-	-	-	-	-
23.	Animal Health Camp Participation	During Technology week and Krushi Mahostav **Cow: 1723 Buffalo: 1017 Total: 2740**	8										518	84	602
24.	Farm Science Club Conveners meet (formation)	5/6/12, 4/7/12, 24/7/12, 27/7/12, 16/10/12 18/10/12	5	-	-	-	-	-	-	-	-	-	146	28	174
25.	Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.	Celebration of (Technology week)	04-2-13 to 10-2-13 As given below	-	-	-	-	2864	1253	4117	150	50	200	3004	1303	4317
28.	Celebration of important days	5/6/12 Environment day	-	-	-	-	20	5	25	-	-	-	20	5	25
		16/7/12 ICAR industries day	-	-	-	-	118	10	128	16	2	18	134	12	146
		16/10/12 World Food day	-	-	-	-	0	45	45	-	-	-	0	45	45

29.	Van Mahotsav	Plantation of saplings 24/7/12 and 6/8/12	2	-	-	-	103	20	123	1	0	1	104	20	124
30.	Krushi Mahotsav 2012	6-5-12 to 31-5-12 Khedut shabha	**15**	-	-	-	-	-	-	-	-	-	**10274**	4378	**14652 approx.**
31.	Farmers School in association with (ATMA)	Cotton, Paddy, Pigeon pea, Wheat, Onion, Maze, Gram, animal husbandry	10										**250**	00	**250**
Total															

Technology week (04/02/2013 to 10/02/2013)

S.N.	Date	Time	Place	Programme	Participants
1	04.02.2013	10.30 to 10.45	Dediapada	Inauguration of Farmers Hostel at KVK, Dediapada	1144+731 =1875
		10.45 to 11.00	Dediapada	Opening of the district level Agricultural Fair cum exhibition in association with ATMA	
		11.00 to 11.15	Dediapada	Visited by Dignitaries Agril exhibition,Vegatable exhibition, Fruit exhibition, Farm Mechnanised exhibition, Animal fair	
		14:30 to 17:00	Dediapada	Symposium on Women empowerment	
2	05.02.2013	12.00 to 12.45	Dediapada	Symposium on Soil and Water managment	709+94 =803
		12.45 to 13.30	Dediapada	Soil and Water sample analysis which given by the Farmers from their Field Soil sample analysis: **23** Water sample analysis: **11** Total: Sample Analysis **34**	
3	06.02.2013	12.00 to 12.30	Dediapada	Symposium on Agricultural Crops and Value addition	471+215 =686
		14.00to 16.00	Dediapada	Information and Demonstration of JCB Machine on Agril. Engineering Exhibition	70+30 =100
4	07.02.2013	09.30 to 12.00	Dediapada	Animal health Exhibition Village: Sankali Ta: Dediapada. During the Animal health camp total 153 medicinal case, 1 surgery case and 1 Castration case take it. Total case **156** was cover in camp. During the camp come to Dr. Dipakbhai Suthar , Dr. Lalitbhai Modi and 8 Student and veterinary Department Dediapada Dr. Chaucha and Dr. Depti was come in camp	200 Approx
		12:00 to 13:00	Dediapada	Symposium on Animal Husbandry, Fishery and Animal Health Exhibition.	411+159 =570
5	08.02.2013	10.00 to 11.00	Kukarda	Field –Days (Wheat and Chick pea)	39+12 =51
		11.00 to 16.00	Kukalda	Farmers Shibir	40+10 =50

6	09.02.2013	06.00 to 18.30	Vasda	Field Visit at Tribal Training Center, Vasda	22+21 =43
7	10.02.2013	10.00 to 13.00	Dediapada	On Campus Khedut Shibir (FLD- Mung)	45+0 =45
		20.00 to 22.00	Kavdi	Night meeting	60+17 =77
8	**Total**			**Animal Case = 156 and 3208 +1289 = 4497**	

3.5 Production and supply of Technological products

SEED MATERIALS

Production Kharif -2012-13 -Rabi- 2011-12

Sr. No	Major group / class Crop	Crop	Variety	Quantity	Value	Showing date	Harvesting date	Area
Kharif -2012-13								
1	Cereals	Paddy	IR-28	4550 kg	Yet to be sell	2/7/12	18/10/12	2.5ha
2	Cereals	Paddy	GR-5	3360 kg	Yet to be sell	2/7/12	18/10/12	2.5ha
3	Pulses	Soybean	JS-335	300 kg	Yet to be sell	29/6/12	24/10/12	1.0 ha
4	Pulses	pigeon pea	Vaishali	2000 kg	Yet to be sell	29/6/12	5/1/13	2.0ha
5	Oilseed	Niger	GUJ-1	180 kg	Yet to be sell	20/7/12	15/11/12	0.5 ha
Rabi- 2011-12								
6	Pulses	Gram	G.G-2	850 kg	59500	26/10/11	10/1/12	1.0 ha
Summer-2012								
7	Pulses	Green gram	Meha	550 kg	55000	15/2/12	25/4/12	1.0 ha

Supply of technological products during kharif 2012 and onwards

Sr. No.	Crop	Variety	Quantity in Kg	Rs	Provided to No of farmers
1	Pigeon pea	Vaishali	254 kg	19260	co-operative Society ,Seed village, FLD and 119Farmers
2	Paddy	GR-5	2100 kg	36100	Kvk vayara, co-operative Society , , FLD and 54Farmers
3	Paddy	IR-28	1550 kg	29450	Coperative Society , ,
4	Soybean	JS-335	165 kg	4500	240 Farmers
5	Gram	GG-2	850 kg	59500	seed village, 19 farmers
6	Niger	Guj. Nig. -1	40 kg	-	NAU, farm
7	Green Gram	Meha	550 kg	55000	KVK,Vayara

SUMMARY

Sl. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	36.50	65550	KVK vayara, co-operative Society , , FLD and 54Farmers
2	OILSEEDS	--	--	NSC, Godhra
3	PULSES	18.15	138260	co-operative Society ,Seed village, FLD and 371Farmers
TOTAL		54.65	203810	

PLANTING MATERIALS: NIL

Sl. No.	Major group/class	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS	--	--	--
2	VEGETABLES	--	--	--
3	SPICES	--	--	--
4	FOREST SPECIES	--	--	--
5	ORNAMENTAL CROPS	--	--	--
6	PLANTATION CROPS	--	--	--
7	OTHERS	--	--	--
	TOTAL	--	--	--

BIO PRODUCTS

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
	--	--	--	--	--	--
BIOAGENTS	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
BIOFERTILIZERS	--	--	--	--	--	--
1	--	--	--	--	--	--
2	--	--	--	--	--	--
BIO PESTICIDES	--	--	--	--	--	--
1	--	--	--	--	--	--
2	--	--	--	--	--	--

SUMMARY

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	(kg)		
1	BIOAGENTS	--	--	--	--	--
2	BIO FERTILIZERS	--	--	--	--	--
3	BIO PESTICIDE	--	--	--	--	--
	TOTAL	--	--	--	--	--

LIVESTOCK

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--

SHEEP AND GOAT	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
POULTRY	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
FISHERIES	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Others (Specify)	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--

SUMMARY

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	Kgs		
1	CATTLE	--	--	--	--	--
2	SHEEP & GOAT	--	--	--	--	--
3	POULTRY	--	--	--	--	--
4	FISHERIES	--	--	--	--	--
5	OTHERS	--	--	--	--	--
	TOTAL	--	--	--	--	--

3.6. Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.): NIL

(B) Literature developed/published

April- 2012 to March- 2013

Literature Developed / Published

Item	Title	Authors name	Journal/ Magazine/ News Paper	Year	No. of copies
Research Papers/ Abstract	Nil				
Popular articles	Nil				
Book	Nil				
Folder/ Leaflet	Nil				

9. Workshop /Seminars/ Conference /Meeting / Etc. Attended

Sr. No.	Period	Name of Officer	Place	Subject
1	06/01/13	Dr. J. H. Rathod	Surat	National Convention on INDIA COTTON: GEARING UP FOR GLOBAL LEADERSHIP January 6-8, 2013 at MCRS,
2	09/01/13 to 11/01/13	Dr. J. H. Rathod Dr. H. R. Jadav Dr. A. D. Raj	Navsari	Tropical and Sub-tropical Fruits Navsari January 9-11, 2013
3	21/01/13 to 23/01/13	Dr. J. H. Rathod	Navsari	34 th Conference and Symosium on Crop disaese Managment: Advances and Chalengies, Navsari January 21-23, 2013
4	28/02/13	Dr. J. H. Rathod Dr. H. R. Jadav	Nasari	Workshop on Nursery Managment protective farming Feb 28,2013
5	21/03/13 to 22/03/13	Prof.S.R.Kumbhani	Hydrabad	Workshops on Mobil based E-Extension training conducted by MANAGE, Hydrabad March 21-22, 2013

C) Details of Electronic Media Produced :NIL

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
--	--	--	--

3.7. Success stories/Case studies

1. Success Story : Improved technology- Empowering the tribal Farmers

Name of farmer: Shri Damji Khatria Vasava

Village : Chikda, **Ta:.** Dediapada, **Dist:.** Narmada,

Age: 65 Years, **Education:** 4th std,

Size of land holding: 8.00 Acr.

Motivation factor **:** Customary move toward KVK, Navsari Agricultural University, Dediapada.



It is well known fact that the tribal areas is very poor regarding resources availability including scarcity of water.The major crops of their livelihood are Paddy,Tur, Maize, Jowar, Cotton.In tribal areas generally the productivity of crops is very low. Besides, the farmers of tribal areas still are following the traditional methods of cultivation.

In spite of that a farmer of village Chikda name- Shri Damji Khatria Vasava proved a proverb "Where there is will there is way" trure. He is 65 years old educated up 4th std and having land about 8.00 acre.Earlier he was also doing the tradional cultivation .The production at that time was not enough to survive his family. He was always in the search of suitable options to enhance the production and income. Some time he visited the farm of other areas and compared that situation with his field conditions. He thought that if those farmers doing well why I not. That situation turns him towards development in his farming conditions. In initial stage he got the seed of improved variety of Paddy GR-17. The results(10 time higher that traditional variety ie about 2500 kg /ha.) of this variety surprising for him and he decided to adopt the improved variety in all the crops. Not only that he was also interested to adopt all the new methods of cultivation to get more income. During this period krishi Vigyan Kendra was established in Dediapada in the year 2006-2007 . A team of scientists visited the village Chikda and contact Damji bhai. The village was adopted by KVK. The major intervention for that village were

(1) Replacement of traditional variety,

(2) Showing methods,

(3) Fertilizers mamagement,

(4) plant protection and

(5) Soil fertility managemt.

(6) Seed production and Nursery raising

Through various programmes awareness were created about the importance of improved cultivation. Few demonstrations were given in the village including Damji bhai. As a result Damji bhai was came in the contact of KVK scientists regularly. With the timely guidance of KVK scientists Danmji bhai started to change his cultivation pattern. Scientists advise them to adopt the method of SRI in Paddy with variety of Paddy GNR-2 and NAUR-1(Kharif-2011) along with all other recommendations. The results of these FLDs were highly praise worthy by the scientist of NAU as well as villagers too. The yield was in the range of 5500 to 7000kg/Ha.

Not only that with the proper guidance of KVK scientist and with the help of line department, he started to prepare seedlings of onion. It is interested to note that Damjibhai prepare onion seed himself with the guidance of scientist. Through this very short period activity he earns about 25000 through selling of seedling per year. Damjibhai is also having awareness about the soil fertility management. He used fertilizers and plant protection measures under the guidance of KVK scientists.

In nutshell, the earning income enhancement of Damjibhai is about 25-30% through the adoption of improved cultivation practices. This appreciated performance creating a momentum to adopt the scientific cultivation in this particular village and nearby villages. At present the village following transplanting method of rice instead of drilled paddy.

Summary

Intervention	Before KVK	After KVK
Method of Farming	Traditional farming	Adoption of SRI & Improved Practices
Seed	Local	GR-7 and SRI in GNR-2 and NAUR-1
Yield (kg/ha)	1000-1200	GR- 7 : 2500-3000 GNR-2 & NAUR-1 : 5500-7000
Improved Seed Produce & selling	---	GNR-2: 200 kg (25 Farmers) NAUR-1:200kg (30 Farmers) Rate: Rs. 20 per Kg.
seedlings of onion	---	Rs. 25,000
Benefit	---	Enhancement of income by 25-30 % (1)Replacement of traditional variety (2) Sowing methods (3) Fertilizers management (4) plant protection and (5) Soil fertility management (6) Seed production and Nursery raising
Our Target	Creating a momentum to seed production and adoption of SRI method of Rice cultivation in the district.	

2. Success story: Low cost Green House (LCGH)

Name of farmer	 Narsing Radaviya Vasava	 Mohanbhai Janiyabhai Vasava
Age (years)	65	50
Education	6	2
Land holding (Acr.)	3	2
Size of LCGH	10 x 5 meter	
Adoption period	4 years	
Major Crops	Tandalja ni bhaji (Amaranths sp.)	
Income	Rs. 16000/year	

Parameters	**Without Green house**	**With Green house**
Quality	Moderate	very Good
Maturity days	25	15
Cutting Days	10-15 days	7 days
Number of cuttings	06	08
Customer Preference	moderate	extreme
Infestation of insect pest	High	low
Life	More	less
Income (in Rs.)	12000	16000

3. Case study: Vegetable based cropping pattern

Name of farmer: Shri Vithalbhai Vasava

Village : Vadivav, **Ta:.** Dediapada, **Dist:.** Narmada,

Age: 45 Years, **Education:** 4th std,

Size of land holding: 10 Acr.

Motivation factor **:** KVK, Navsari Agricultural University, Dediapada.
Comparative study of 1 acre

	
Bitter gourd	Pointed gourd

Year	Before 2009	2009	2010	2011	2012
Crops	Paddy drilled verity and Gram traditional (rainfed)	Irrigation facility Okra, Cluster bean, Cowpea	Brinjal, Okra, Cluster bean, Cowpea	Brinjal, Okra, Cluster bean, Cowpea	Trellies/ bower (Structure of cement and wooden poles and wire) of Bitter gourd (ChuChu) and Pointed gourd **(Anavali)**
Income (Rs/Acre)	6500	10000	20000	35000	70000 and possibility to reach up to 100000 (harvesting continue)
	---	Paddy TP 1600kg/Acre.	Paddy TP 1600kg/Acre.	Paddy TP 2000kg/Acre.	---
Income (Rs/Acre)	---	12800	12800	16000	---
Total Income (Rs/Acre)	6500	22800	32800	51000	>100000 expected (harvesting continue)

4. Impact studies: Vocational trainings.

Name of Vocational training: Sewing and tailoring

Duration of Training: 30 days

Number of Courses : 03

Total number of trainees : 105

Sr. No.	Name of Trainee	Village	Income generation per month		Remarks
			Before	after	
1	Sangeetaben Chhaganbhai Vasava 	Chikda	00	Rs. 400-500	1.Working with hired machine 2.Income based on availability of seasonal work.
2.	Vaneetaben Ravindrabhai Vasava 	Chikda	00	Rs. 700-800	1.Working with own machine provided under TSP plan. 2.Income based on availability of seasonal work. 3. As the machine is electric, the electricity supply is also affecting the nature of work.

5. Farm mechanization :

Wheel hand hoe – An effective tool for weed management

Name of farmer: Shri Prabhatsing Vasava

Village : Soliya, **Ta:.** Dediapada,

Dist:. Narmada, **Age:** 62 Years,

Education: 5th std,

Size of land holding: 0.80 ha

Cost of Implements: Rs.750/- ,

Motivation factor **:** Fair cum exhibition, Technology week and exposure visit to Suruchi Trust, Bardoli arrange at KVK, Navsari Agricultural University, Dediapada.

Intervention	Before KVK	After KVK
Method of weed Management	Hand weeding by small khurpi ,sickle	Wheel hand hoe.
Labour Requirement	20 to 30 /ha.	7 to 10 /ha.
Time Required	6 days	2 days
Total cost (Rs./ha)	2500 to 3000	1000 to 1500
Benefit (Rs./ha)	-	1500 to 2000
Implement used by Other farmers	-	5
Farmers opinion	-	Good for weed management. They are also interested to purchase wheel hand hoe.

6. Awareness and adoption of Drip Irrigation system

Name of farmer: Shri Champakbhai Jeshing Vasava (Adopted)

Village : Kukarda, **Ta:.** Dediapada, **Dist:.** Narmada,

Age: 45 Years, **Education:** 4th std,

Size of land holding: 8.0 Acr.

Motivation factor **:** KVK, Navsari Agricultural University, Dediapada.

Name of Crop	Cotton	Adopted
Number of farmers have already been applied for drip irrigation system	12	-
Number of farmers going to apply for drip irrigation system	05	-
Our target	Minimum 5 farmers in each adopted village	

7. Animal Husbandry

- Diagnostic visit, Health camps and Trainings-The torch bearer approach to reduce sexual health problems

Conditions: Poor health status of Animals.

Poor adoption of rearing improved animal breed.

Poor economic conditions of cattle owners.

Number of cases studied: 10

Activities		Before KVK	After KVK
Major problems		Sexual Health- Repeat breeding, Anoestrus, Silent heat, Longer Service period, Post-partum syndrome. Lack of knowledge about Artificial Insemination, Heat detection, selection of milch animals.	Improved knowledge about sexual health, Artificial Insemination, Heat detection in farm animals and selection of milch animals.
Technology Adoption	Concentrate and Mineral Mixture	Improper	Adopted Partially (based on availability and purchasing power.)
	Fodder		Adopted Partially (based on availability of Green fodder)
	Vaccination		Scheduled
	Deworming		Scheduled
	Pregnancy Diagnosis		Timely-2.5 to 3 months post service
Benefits	Health of animals	Poor	Improved
	Animals reared	Nondescript	Mehsana buffalo and Crossbred cows
	Service Period	140-180 days	110-120 days
	Lactation length	120-150 days	130-180 days

Trend of animals rearing	Traditional and Discouraging	Improved scientific based and encouraging Five farmers have started rearing Mehsana buffalo
Knowledge Centre	Mainly-Laymen and Villagers Occasionally- Veterinarians	KVK Scientist and Veterinarians

8. Farm advisory / Diagnostics services about Plant Protection

Number Of farmers : 50

Crops : Cotton, Tomato, Brinjal, Chilli, Paddy, Pigeon pea, Bitter gourd, Pointed gourd.




Intervention	Before KVK	After KVK
Contact	Agro Centre	Scientists of KVK
Diagnostics	Not Sure	Accurate/Proper
Frequency of using spray	>2	up to 2
Doses	Higher	Recommended
Incurable diseases	Using chemical for control	Avoid the use of chemical
Eco-friendly management	Disturbed/Unsafe	Provided/safe
Awareness about purchase of chemical	As per Agro-centre	As per Scientists of KVK
Benefit	Not Sure	35 to 60% reduction in Plant Protection expenditure




L. Our Awardees farmers

			
Farmer's Name	**Dhamjibhai Kathariyabhai Vasava**	**Mohanbhai Janiyabhai Vasava**	**Ratilal Chandusing Deshmukh**
Age	65	50	36
Education	4	2	7
Main Crop	Paddy	Vegetable	Vegetable
Land	8 Acr.	2 Acr.	3.5 Acr.
Award Prize	ATMA Best Farmer Award -2011-12 Dediapada Taluka	Prize in District Level Fruits and Vegetables completion during Technology week at KVK, Dediapada	
First		Radish	Coriander
Second		Indian bean (variety Katargam)	---
Third		Sugar beat	---
			
Farmer's Name	**Champakbhai Jeshing Vasava**	**Gulabsing Chhaganbhai Vasava**	**Narsing Radaviyabhai Vasava**
Age	54	29	65
Education	4	11	6
Main Crop	Vegetable	Vegetable	Vegetable
Land	8.0 Acr.	2 Acr.	3 Acr.
Award Prize	Prize in District Level Fruits and Vegetables completion during Technology week at KVK, Dediapada		
First	---	---	---
Second	Onion (Agri found light red)	Brinjal pink (Variety Surti)	Pigeon Pea (Variety Vaishali)
Third	---	---	---

3.8 Innovative methodology/technology developed and used for Transfer of Technology during the year:

NIL

3.9 Indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development.

NIL

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
--	--	--	--

3.10 Specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women: PRA/ group discussion
- Rural Youth: PRA/ Group discussion
- In-service personnel: Discussion with higher authority

3.11 Field activities

i. Number of villages adopted -10
ii. No. of farm families selected – NIL
iii. No. of survey/PRA conducted-10

3.12. Activities of Soil and Water Testing Laboratory: Not yet established

Status of establishment of Lab :--

1. Year of establishment :--
2. List of equipment purchased with amount :--

Sl. No	Name of the Equipment	Qty.	Cost
1	--	--	--
2	--	--	--
3	--	--	--
Total		--	--

3. Details of samples analyzed so far---NIL :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	--	--	--	--
Water Samples	--	--	--	--
Plant Samples	--	--	--	--
Petiole Samples	--	--	--	--
Total	--	--	--	--

4.0 IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period); As this is a new KVK impact study not made.

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

4.2. Cases of large scale adoption

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. Line Departments of Government of Gujarat Agriculture/ Horticulture/ Animal Husbandry/ Fishery / Forest department	Khedut sibir, Animal health camp, Sponsored training. In-service trainings and other extension activities, technical support, Participation in meeting
2. AKRSP (I), NGO, Dediapada	Sponsored training, Mahila sibir, technical support
3. J. K. Trust, Rajpipla	Animal Health Camp, In-service training programme
4. Parivartan Radio programme, Netrang	Radio talk
5. Main Water Management Research Unit, NAU, Navsari	Collaboration-FLD on Low Cost Greenhouse
6. Research Stations, NAU	Participation-Farmers day, Seed-FLDs, etc.

7. FTC, Rajpipla	Experts lectures
8. Govt. of Gujarat	Collaboration – Krishi Mahotsav, ATMA, RKVY, etc.
9. Missionary – NGO	Sponsored training programme, extension activities
10. ANARDE Foundation	Extension activities
11. MART, Dediapada	Sponsored training programme, extension activities

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies :

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Research experimental	**2012**	**State**	**20.22**
Pulse harnessing	**2012**	**state**	**3.00**
Paddy	**2012**		**1.20**
Sorghum	**2012**		**1.34**
Seed village	**2012**		**--**
Tribal women training centre	**2012**		**20.07**
NHM	**2012**	**ICAR**	**0.040**
AICRP	**2012**	**ICAR**	**4.03**
Tribal sub plan	**2012**	**State**	**1.25**

5.3 Details of linkage with ATMA:

a) Is ATMA implemented in your district : Yes

S. No.	Programme	Nature of linkage	Remarks
1.	**Trainings, Fair-exhibition, Seminar, Shibir , Farmers field school**	**Provided technological backup and coordinated the activities**	**provide expertise as guest lecturers as and when needed**
	5		

5.4 Give details of programmes implemented under National Horticultural Mission; NIL

S. No.	Programme	Nature of linkage	Constraints if any

N.B. : District is not covered under NHM

5.5 Nature of linkage with National Fisheries Development Board : NIL

S. No.	Programme	Nature of linkage	Remarks

6. PERFORMANCE OF INFRASTRUCTURE IN KVK : NIL

6.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of estt.	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	

6.2 Performance of instructional farm (Crops) including seed production

6 Production Kharif -2012-13 -Rabi- 2011-12

Sr. No	Major group / class Crop	Crop	Variety	Quantity	Value	Showing date	Harvesting date	Area
Kharif -2012-13								
1	Cereals	Paddy	IR-28	4550 kg	Yet to be selled	2/7/12	18/10/12	2.5 ha
2	Cereals	Paddy	GR-5	3360 kg	Yet to be selled	2/7/12	18/10/12	2.5 ha
3	Pulses	Soybean	JS-335	300 kg	Yet to be selled	29/6/12	24/10/12	1.0 ha
4	Pulses	pigeon pea	Vaishali	2000 kg	Yet to be selled	29/6/12	5/1/13	2.0 ha
5	Oilseed	Niger	GUJ-1	180 kg	Yet to be selled	20/7/12	15/11/12	0.5 ha
Rabi- 2011-12								
6	Pulses	Gram	G.G-2	850 kg	59500	26/10/11	10/1/12	1.0 ha
Summer-2012								
7	Pulses	Green gram	Meha	550 kg	55000	15/2/12	25/4/12	1.0 ha

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
--	--	--	--	--	--
--	--	--	--	--	--

6.4 Performance of instructional farm (livestock and fisheries production) NIL

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

6.5 Rainwater Harvesting: NIL

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/STParticipants		
				Male	Female	Total	Male	Female	Total
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--

6.5 Utilization of hostel facilities: Nil (Construction of hostel facility is in progress)

Accommodation available (No. of beds) :

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With KVK	State Bank Of India	Dediapada	30140660644
Revolving fund	State Bank Of India	Dediapada	30140661150

7.2 Utilization of funds under FLD on Oilseed *(Rs. In Lakhs): NIL*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif 2012-13	Rabi 2011-12	Kharif 2012-13	Rabi 2011-12	
Inputs	--	--	--	--	--
Extension activities	--	--	--	--	--
TA/DA/POL etc.	--	--	--	--	--
TOTAL	--	--	--	--	--

7.3 Utilization of funds under FLD on Pulses *(Rs. In Lakhs): Nil*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2011
	Kharif 2010-11	Rabi 2010-11	Kharif 2010-11	Rabi 2010-11	
Inputs	--	--	--	--	--
Extension activities	--	--	--	--	--
TA/DA/POL etc.	--	--	--	--	--
TOTAL	--	--	--	--	--

7.4 Utilization of funds under FLD on Cotton *(Rs. In Lakhs):NIL*

Item	Released by ICAR	Expenditure	Unspent balance as on 1st April 2013
	Kharif 2012-13	Kharif 2012-13	
Inputs	--	--	--
Extension activities	--	--	--
TA/DA/POL etc.	--	--	--
TOTAL	--	--	--

7.5 Utilization of KVK funds during the year 2012-13 (in Rs.)

S.No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	35.58		3473061
2	**Traveling allowances**	1.0		88273
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) POL, repair of vehicles, tractor and equipments	3.20		303198
B				
C	Meals/refreshment for trainees (ceiling up to Rs.40/day/trainee be maintained)	4.80		367807
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			

E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library	---		--
TOTAL (A)		44.58		4232339
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**	---	--	--
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	---	--	--
4	**Library** (Purchase of assets like books & journals)	---	--	--
TOTAL (B)		---	---	--
C. REVOLVING FUND		12.97	--	85037
GRAND TOTAL (A+B+C)		57.55		4317376

7.5 Status of revolving fund (Rs. In lakhs) for the three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2010 to March 2011	0.67198	8.96345	0.36044	9.27499
April2011 to March2012	9.27499	110009	94258	943250
April 2012 to March 2013	9.43	3.54	85037	12.12

8.0 Please include information which has not been reflected above (write in detail).

8.1 Constraints: Nil

Summary of Annual Progress of KVK 2010-11
(01.04.2012 TO 31.03.2013)

STAFF POSITION

KVK	PC			SMS			PA			ADMN			AX			SUPP			TOTAL		
	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V
	1	1	0	6	3	3	3	3	0	1	1	0	3	2	1	2	1	1	16	12	4

S- Sanctioned F- Filled V- Vacant

REVOLVING FUND

KVK	Opening Balance on 1.4.11 (Rs. In lakhs)	Revenue Generated (Rs. In lakhs)	Closing Balance on 31.3.12 (Rs. In lakhs)
Narmada	943150	354258	1212371

SCIENTIFIC ADVISORY COMMITTEE

Krishi Vigyan Kendra	No. of meetings conducted	Date of meeting
Narmada	**1**	**02-09-2012**

ACTIVITIES OF KVK

TECHNOLOGY ASSESSMENT AND REFINEMENT

Details of technologies assessed and refined

Technologies assessed**

Sl.No.	Enterprise	Crop/Animal/Species	Name of the technology**	Thematic Area
1	Vegetable	Chilli	Spacing 45 X 30 cm	Crop spacing
2	Livestock production	Cattle	Supplementing Mineral mixture and concentrate	Nutrition Management
3.	Farm implements	Farm implements	Bullock and hand seed dril	Farm mechanization
	Plant protection	Cotton Indian bean	Stem application of insecticides Bio-intensive module	IPM

Technologies refined Nil**

Sl.No.	Category	Crop/ Enterprise	Name of the technology**	Thematic Area

Abstract on the number of technologies assessed in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	--	--	--	1 Conti...	--	--	--	--	1 Conti...
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	--	--	--	--	1	--	--	--	--	1
Value addition	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	2	--	--	--	--	2
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	4 Conti...	--	--	--	--	4 Conti...

Abstract on the number of technologies refined in respect of crops/ enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom	--	--	--	--	--	--	--	--	--	--

cultivation										
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

Abstract on the number of technologies assessed in respect of livestock/enterprises

Thematic areas	**Cattle**	**Poultry**	**Piggery**	**Rabbitary**	**Fisheries**	**TOTAL**
Evaluation of Breeds	--	--	--	--	--	--
Nutrition Management	1 Cont...	--	--	--	--	1 Cont...
Disease of Management	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--
Feed and Fodder	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--
TOTAL	1 Cont...	--	--	--	--	1 Cont...

Abstract on the number of technologies **refined** in respect of livestock/ enterprises –Nil

Thematic areas	**Cattle**	**Poultry**	**Piggery**	**Rabbitary**	**Fisheries**	**TOTAL**
Evaluation of Breeds	--	--	--	--	--	--
Nutrition Management	--	--	--	--	--	--
Disease of Management	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--
Feed and Fodder	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--

FRONTLINE DEMONSTRATIONS:

Crop/enterprise	No. of demonstrations	Area (ha)
Oilseeds	2	2
Pulses	222	255
Cereals	25	90
Millets	---	---
Cash crops	5	14
Fodder crops	---	---
Fruit crops	---	---
Vegetable crops	6	25
Bio-agent	15	42
Live Stock	60	---
Fishery	---	---
Total	**336**	**428**
Dairy	---	---
Sheep and goat	---	---
Poultry	---	---
Piggery	---	---
Rabbitary	---	---
Apiculture	---	---
Mushroom units	---	---
Total	---	---
Grand total	---	---

b. Details of FLDs implemented during Rabi 2011-12 and Kharif 2012-13

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
A	**Oil seed : Nil**									
B	**Pulses**									
1	Gram	Varietal Evaluation	Variety	Rabi 2011-12	5	5	14	--	14	--
2	Pigeon pea	Varietal Evaluation	Variety	Kharif' 12-13	12	12	30	-	30	--
3	Soy bean	Varietal Evaluation	Variety	Kharif' 12-13	5	5	11	--	11	--
C	**Others**									
1	Paddy	Varietal Evaluation	GR- 5,	Kharif '12-13	3.2	3.2	16	--	16	--
2	Paddy	Varietal Evaluation	GNR-2	Kharif '12-13	5	5	25	--	25	--
3	Paddy	Varietal Evaluation	IR-28	Kharif '12-13	3	2.8	14	--	14	--
4	Paddy	Varietal Evaluation	NAUR-1	Kharif '12-13	2	2	10	--	10	--
5	Wheat	Varietal Evaluation	New variety	Rabi 2011-12	10	10	25	--	25	--
6	Maize	Varietal Evaluation	New variety	Kharif' 12-13	2	2	10	-	10	
7	Brinjal	Integrated Nutrient Management	INM	Kharif' 12-13	2.0	2.0	10	--	10	--
8	Chilli	Integrated Nutrient Management	INM	Kharif' 12-13	2.0	2.0	10	--	10	--
9	Tomato	Integrated Nutrient Management	INM	Rabi 2011-12	2.0	2.0	5	--	5	--
D	**Use of bio-agent**									
1	Cotton (IPM)	Integrated Pest Management	IPM	Kharif' 12-13	5.0	5.0	14	-	14	--
2	Pigeon pea (Trichoderma)	Integrated Disease Management	Use of bio-agent (Trichoderma)	Kharif' 12-13	5.0	5.0	14	--	14	--
3	Gram (Trichoderma)	Integrated Disease Management	Use of bio-agent (Trichoderma)	Rabi 2011-12	5.0	5.0	14		14	--
4	Brinjal (Psuedommonas)	Integrated Disease Management	Use of bio-agent (Psuedommonas)	Kharif' 12-13	5.0	5.0	14	--	14	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Oil seed : Nil											
Pulses											
Gram	Rabi 2011-12	Rainfed/ Irrigated		--	--	--	Paddy	2.11.2011 to 30.11.2011	1.2.2012 to 12.03.2012	--	--
Pigeon pea	Kharif-12-13	Rainfed					Pigeon pea	15.07.12 to 31.07.12	15.1.2012 to 28.1.2012	--	--
Soy bean	Kharif-12-13	Rainfed					Pigeon pea	15.07.12 to 31.07.12	15.1.2012 to 28.1.2012	--	--
Other											
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Paddy	Kharif'12-13	Rainfed		--	--	--	Gram	1.07.2012 to 14.07.2012	2.11.2012 to 23.11.2012	--	--
Wheat	Rabi 2011-12	Irrigated		--	--	--	Paddy	10.11.2011 to 25.11.2012	16.3.2011 to 04.04.2012	--	--
Maize	Kharif'12-13	Rainfed		-	-	-	Cotton	05.07.2012 to 20.07.2012	04.11.2012 to 20.11.2012		
Brinjal	Kharif'12	Irrigated		--	--	--	Groundnut /sorghum	06.08.2011 to 10.08.2011	16.01.2012 to 6.01.2012	--	--
Chilli	Rabi 2011-12	Irrigated		--	--	--	Groundnut/ paddy/tomato	06.08.2011 to20.08.2011	22.01.2012 to 27.01.2012	--	--
Tomato	Rabi 2011-12	Irrigated		--	--	--	Paddy	09.06.2011 to 09.12.2011	21.02.2012 to 2.09.2012	--	--
Use of bio-agent										--	--
Cotton (IPM)	Kharif'12	Rainfed / Irrigated		--	--	--	Cotton	18.06.11 to 20.06,2011	18.01.2012 to 20.01.2012	--	--
pigeon pea (Trichoderma)	Kharif'12	Rainfed		--	--	--	Pigeon pea	12.06.11 to 27.06.2011	12.1.2012 to 29.1.2012	--	--
Gram (Trichoderma)	Rabi 2011-12	Rainfed / Irrigated		--	--	--	Paddy	10.11.2010 to 12.11.2010	18.2.2011 to 20.02.2011	--	--
Brinjal (Psuedommonas)	Kharif'12	Irrigated		--	--	--	Groundnut /sorghum	06.08.2011 to 10.08.2011	16.01.2012 to 6.01.2012	--	--
										932	52

Performance of FLD

Sl. No	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
A	**Oil seed : Nil**											
B	**Pulses**											
1	Gram	Variety	GG-2	5	14	14.2	11.2	17.3	14.4	20.2	30-45 pods/plant 40-48 g test weight	20-29 pods/plant 20-29 g test weight
2	Pigeon pea	Variety	Vaishali	51	20.4	18.6	11.5	15.7	12.9	22.4	Branches/plant:7-15, Pods/plant:210-260	Branches/plant:4-10, Pods/plant:110-180
3	Pigeon pea	Variety	GT-101	5	2	18.4	11.2	14.8	12.3	20.2	Branches/plant:7-15, Pods/plant:210-260	Branches/plant:4-10, Pods/plant:110-180
4	Soy bean	Variety	JS-375	11	5	19.0	15.0	16.9	14.4	17.8	Branches/plant:7-15, Pods/plant:210-260	Branches/plant:4-10, Pods/plant:110-180
C	**Other**											
1	Paddy	New variety	GR-5	16	3.2	14.2	11.2	12.4	10.3	21.2	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
2	Paddy	New variety	IR-28	14	2.8	16.1	12.4	14.5	12.3	18.2	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
3	Paddy	New variety	NAUR-1	10	2	36.0	33.0	34.7	28.8	20.3	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
4	Paddy	New variety	GNR-2	25	5	36.5	32.0	34.5	29	19	Panicle length: 29-35 cm No. of grain /panicle: 130-138	Panicle length: 24-29 cm No. of grain /panicle: 110–120
5	Wheat	New variety	GW-322	25	10	44	33	38.4	31.8	20.8	Ear length : 8-11 cm Grain/ear : 32-40	Ear length : 7-9 cm Grain/ear : 26-32
6	Maize	New variety	GM-6	5	2	15.3	12.2	13.9	11.9	17	Plant height : 145-210 cm, Cob Length: 23-29 cm	Plant height : 135-195 cm, Cob Length: 18-28 cm
7	Brinjal	Variety	--	10	2	300	180	227	210	8.1	No. fruit/plant : 14-20 Weight of fruit:112-	No. fruit/plant : 10-13, Weight of fruit:111-

											117 g	114 g
8	Chilli	Variety	--	10	2.0	90	68	88	70	20.5	No. fruit/plant : 150-153, Length of fruit: 8.7-11.7cm	No. fruit/plant : 129-133, Length of fruit: 8.1-8.3 cm
9	Tomato	INM	GT-2	5	2	305	258	297.4	304	18.0	No. fruit/plant : 31-35	No. fruit/plant : 21-26
D	**Use of bio-agent**											
1	Cotton (IPM)	IPM	Bt	14	5	22.0	14.5	16.7	14.14	18.7	Jassids/3 leaf: 2-3	Jassids / 3 leaf: 5-13
2	Paddy (IPM)	IPM	Rainfed	14	5	13.2	11.2	12.15	10.23	20.23	Hoppers/ leaf: 2-3	Hoppers / leaf: 5-13
3	Pigeon pea (Trichoderma)	Use of bio-agent (Trichoderma)	Rainfed	14	5	17.5	14.5	16.14	13.21	23.11	No. of wilted plants :< 1%	No. of wilted plants :< 10-12%
4	Gram (Trichoderma)	Use of bio-agent (Trichoderma)	-	14	5	19.0	16.7	17.5	14.40	21.6	Diseased plant : < 2%	Diseased plant : < 10-15%
5	Brinjal (Psuedommonas)	Use of bio-agent (Psuedommonas	-	14	5	243	235	239	210	14	Diseased plant : < 2%	Diseased plant : < 10-15%

Economic Impact continuation of previous table

Average Cost of cultivation (Rs./ha)			**Average Gross Return (Rs./ha)**		**Average Net Return (Profit) (Rs./ha)**		**Benefit-Cost Ratio (Gross Return / Gross Cost)**	
Demonstration		**Local Check**	**Demonstration**	**Local Check**	**Demonstration**	**Local Check**		
14		**15**	**16**	**17**	**18**	**19**	**20**	
Gram	10000	9000	34402	28094	24402	19094	3.44	3.12
Pigeon pea	12686	11486	47218	38624	34532	27138	3.7	3.4
Pigeon pea	12686	11486	44500	37000	31814	25514	3.5	3.2
Soy bean	11955	11955	50727	43091	38772	31136	4.2	3.6
Paddy	10527	9013	13683	11289	3156	2276	1:1.30	1:1.25
Paddy	9853	9013	14498	12264	4645	3251	1.47	1.36
Paddy	11893	11893	41581	31976	29689	20083	3.50	2.69
Paddy	11893	12493	41430	34835	29537	22342	3.48	2.79
Wheat	12000	11534	61440	50816	49440	39316	5.1	4.4
Maize	11259	10659	14585	12464	3326	1805	1.30	1.17
Brinjal	10180	9580	14852	12387	4672	2807	1:1.5	1:1.3
Chilli	31000	27000	190200	160200	159200	138200	1:7.1	1:6.9
Tomato	37000	36500	100000	82800	63000	45500	1:3.7	1:3.3
Cotton (IPM)	12000	11534	50100	42429	38100	30929	3.17	2.68
Paddy (IPM)	10527	9013	13367	11251	2840	2237	1.27	1.25
PigeonpeaTrichoderma	12686	11486	48429	39643	35743	28157	3.82	3.45
Gram-Trichoderma	10000	9500	39391	32416	29391	22916	2.93	2.41
Brinjal (Psuedommonas)	12500	11200	48600	42800	36100	31600	3.88	3.82

Analytical Review of component demonstrations
(Details of each component for rainfed / irrigated Situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Oil seed : Nil						
Pulses						
Gram	Rabi 2011-12	GG-2	Rainfed / Irrigated	17.3	14.4	20.2
Pigeon pea	Kharif '12-13	Vaishali	Rainfed	15.7	12.9	22.4
Pigeon pea	Kharif'12-13	GT-101	Rainfed	14.8	12.3	20.2
Soy bean	Kharif'12-13	JS-375	Rainfed	16.9	14.4	17.8
Other						
Paddy	Kharif'12-13	GR-5	Rainfed	12.4	10.3	21.2
Paddy	Kharif'12-13	IR-28	Rainfed	14.5	12.3	18.2
Paddy	Kharif'12-13	NAUR -1	Rainfed	34.7	28.8	20.3
Paddy	Kharif'12-13	GNR-2	Rainfed	34.5	29	19
Wheat	Rabi 2011-12	GW-322	Irrigated	38.4	31.8	20.8
Maize	Kharif'12-13	GM-6	Rainfed	13.9	11.9	17
Brinjal	Rabi 2011-12	--	Irrigated	227	210	8.1
Chilli	Rabi 2011-12	--	Irrigated	88	70	20.5
Tomato	Rabi 2011-12	GT-2	Irrigated	297.4	304	18.0
Use of bio-agent						
Cotton (IPM)	Kharif'12-13	Bt	Rainfed / Irrigated	16.7	14.14	18.7
Paddy (IPM)	Kharif'12-13	--	Rainfed	12.15	10.23	20.23
Pigeon pea (Trichoderma)	Kharif'12-13	--	Rainfed / Irrigated	16.14	13.21	23.11
Gram (Trichoderma)	Rabi 2011-12	--		17.5	14.40	21.6
Brinjal (Psuedommonas)	Kharif'12-13	--		239	210	14

Technical Feedback on the demonstrated technologies

Sr. No	Feed Back
1. Paddy	Requirement of fine grain variety
2. Wheat	Development of variety for less number of chilling days
3. Pigeonpea	-Most preferref varietyas it gives countinous flowering. -Susceptible to pod fly incidence of Maruca testulis was observed.

Farmers' reactions on specific technologies

Sr. No	Crop	Variety	Feed Back
1	Gram	GG-2	- High yielding variety - Bold seeded
2	Paddy (GR-5)	GR-5	- Good performance in water scarce condition - Good grain quality -High straw yield -Early maturity
3	Pigeon pea	Vaishali	- High yielding - Water tolerant
4	Wheat	GW322	- Good tillering - Long ear - High yielding variety - Resistance against Rust
5	Chilli	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality
6	Brinjal	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality
7.	Tomato	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	Tomato	18/04/12	18+04=22	
		Brinjal	18/04/12	16+00=16	
		Paddy GNR-2	20/09/12	35+00=35	
		Paddy NAUR-1	24/09/12	29+00=29	
		Paddy GR-5	28/09/12	21+04=25	
		Soy bean JS-375	29/09/12	31+00=31	
		Cotton IPM	29/10/12	19+12=31	
		Paddy IPM	29/10/12	24+00=24	
		Pigeon Pea Vaisali	05/12/12	24+01=25	
		Pigeon Pea Boi- Compent	08/01/13	28+00=28	
2	Farmers Training	IPM in Paddy IPM in Cotton Scientific cultivation of Paddy & Tur Scientific cultivation of Gram Scientific cultivation of Wheat IPM in Rabi crops	31/05/12 05/06/12 11/06/12 10/10/12 08/11/12 07/11/12	31+00=31 29+00=29 39+00=39 30+00=30 27+00=27 50+00=50	
3	Media coverage	NIL	-	-	--
4	Training for extension functionaries	NIL	-	-	-

C. Details of FLD on Enterprises

(i) Farm Implements -- Nil –

Name of the implement	crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Buffalo (Mineral mixture supplementation)	Indigenous	20	20	Service period (days)	114	142	(%) 19	Reduce service period
Cattle (Urea treatment to paddy straw)	Crossbred Cow	10	10	Milk yield	10.17lit	8.92lit	14.01	increase yield
Goat (Concentrate feeding to kid)	Goat	10	20	Body weight(kg) at diff month	1^{st}-5.92 3^{rd}-10.87 6^{th}-18.54 9^{th}-26.90	1^{st}-5.63 3^{rd}-9.08 6^{th}-16.04 9^{th}-21.59	24.59	increase weight
cross bred cow	HF	20	20	mastitis	0	3	100%	No mastitis in demonstration group

(iii) Other Enterprises: NIL

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom	-							
Apiary	-							
Sericulture	-							
Vermi compost	-							

Demonstrations on Hybrid varieties of different crops: NIL

Crop	Season	Name of the Hybrid variety	No. of farmers	Area (ha)	Performance of technology on different parameters*						Result **
					1		2		3		
					Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
--	--	--	--	--	--	--	--	--	--	--	--

Training (including Vocational, Sponsored and FLD training)

A) ON Campus

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	1	-	-	-	23	1	24	23	1	24
Resource Conservation Technologies	1	-	-	-	36	0	36	36	0	36
Cropping Systems		-	-	-						
Crop Diversification		-	-	-						
Integrated Farming	3	-	-	-	86	2	88	86	2	88
Water management	2	-	-	-	114	0	114	114	0	114
Seed production	4	-	-	-	293	10	303	293	10	303
Nursery management		-	-	-						
Integrated Crop Management	4	-	-	-	123	8	131	123	8	131
Fodder production	1	-	-	-	39	0	39	39	0	39
Production of organic inputs		-	-	-						
Total	**16**	-	-	-	**714**	**21**	**735**	**714**	**21**	**735**
II Horticulture		-	-	-						
a) Vegetable Crops	1	-	-	-	24	1	25	24	1	25
Production of low volume and high value crops	1	-	-	-	00	13	13	00	13	13
Off-season vegetables	1				27	00	27	27	00	27
Nursery raising		-	-	-						
Exotic vegetables like Broccoli		-	-	-						
Export potential		-	-	-						

vegetables										
Grading and standardization	1	-	-	-	29	00	29	29	00	29
Protective cultivation (Green Houses, Shade Net etc.)	1	-	-	-	24	1	25	24	1	25
Back yard farming										
b) Fruits		-	-	-	-			-		
Training and Pruning		-	-	-						
Layout and Management of Orchards		-	-	-						
Cultivation of Fruit										
Management of young plants/orchards		-	-	-						
Rejuvenation of old orchards		-	-	-						
Export potential fruits		-	-	-						
Micro irrigation systems of orchards		-	-	-						
Plant propagation techniques		-	-	-						
c) Ornamental Plants		-	-	-						
Nursery Management		-	-	-						
Management of potted plants		-	-	-						
Export potential of ornamental plants		-	-	-						
Propagation techniques of Ornamental Plants		-	-	-						
d) Plantation crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
e) Tuber crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
f) Spices		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
g) Medicinal and Aromatic Plants		-	-	-						
Nursery management		-	-	-						
Production and management		-	-	-						

technology										
Post harvest technology and value addition		-	-	-						
Total	**4**				**80**	**14**	**94**	**80**	**14**	**94**
III Soil Health and Fertility Management		-	-	-						
Soil fertility management										
Soil and Water Conservation										
Integrated Nutrient Management		-	-	-						
Production and use of organic inputs		-	-	-						
Management of Problematic soils		-	-	-						
Micro nutrient deficiency in crops		-	-	-						
Nutrient Use Efficiency		-	-	-						
Soil and Water Testing		-	-	-						
Total										
IV Livestock Production and Management		-	-	-						
Dairy Management	1				35	31	66	35	31	66
Poultry Management		-	-	-						
Piggery Management		-	-	-						
Rabbit Management		-	-	-						
Disease Management	1				0	20	20	0	20	20
Feed management	2	-	-	-	35	16	51	35	16	51
Production of quality animal products	2	-	-	-	70	0	70	70	0	70
Reproduction		-	-	-						
Total		-	-	-	**140**	**67**	**207**	**140**	**67**	**207**
V Home Science/Women empowerment		-	-	-						
Household food security by kitchen gardening and nutrition gardening		-	-	-						
Design and development of low/minimum cost diet		-	-	-						
Designing and development for high nutrient efficiency diet	1	-	-	-	101	4	105	101	4	105
Minimization of	1				10	34	44	10	34	44

nutrient loss in processing										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1				26	00	26	26	00	26
Income generation activities for empowerment of rural Women	1				29	00	29	29	00	29
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Total	**4**				**166**	**34**	**204**	**166**	**34**	**204**
VI Agril. Engineering		-	-	-						
Installation and maintenance of micro irrigation systems		-	-	-						
Use of Plastics in farming practices		-	-	-						
Production of small tools and implements		-	-	-						
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Total										
VII Plant Protection		-	-	-						
Integrated Pest Management	5	-	-	-	154	0	154	154	0	154
Integrated Disease Management	3	-	-	-	124	28	152	124	28	152
Bio-control of pests and diseases	2	-	-	-	106	36	142	106	36	142
Production of bio control agents and bio pesticides		-	-	-						
Storage of food grains	2	-	-	-	85	3	88	85	3	88
Total	**12**				**469**	**67**	**536**	**469**	**67**	**536**
VIII Fisheries		-	-	-						
Integrated fish farming		-	-	-						

Carp breeding and hatchery management		-	-	-						
Carp fry and fingerling rearing		-	-	-						
Composite fish culture		-	-	-						
Hatchery management and culture of freshwater prawn		-	-	-						
Breeding and culture of ornamental fishes		-	-	-						
Portable plastic carp hatchery		-	-	-						
Pen culture of fish and prawn		-	-	-						
Shrimp farming		-	-	-						
Edible oyster farming		-	-	-						
Pearl culture		-	-	-						
Fish processing and value addition		-	-	-						
IX Production of Inputs at site		-	-	-						
Seed Production		-	-	-						
Planting material production		-	-	-						
Bio-agents production		-	-	-						
Bio-pesticides production		-	-	-						
Bio-fertilizer production		-	-	-						
Vermi-compost production		-	-	-						
Organic manures production		-	-	-						
Production of fry and fingerlings		-	-	-						
Production of Bee-colonies and wax sheets		-	-	-						
Small tools and implements		-	-	-						
Production of livestock feed and fodder		-	-	-						
Production of Fish feed		-	-	-						
Total		-	-	-						
X Capacity Building and Group Dynamics		-	-	-						
Leadership development	2	-	-	-	103	10	113	103	10	113
Group dynamics		-	-	-						
Formation and Management of										

SHGs/ Co-operative society										
TOT	2	-	-	-	76	0	76	76	0	76
Entrepreneurial development of farmers/youths		-	-	-						
other (Value addition)										
Credit availability										
WTO and IPR issues										
Total	**4**	-	-	-	**179**	**10**	**189**	**179**	**10**	**189**
XI Agro-forestry		-	-	-						
Production technologies		-	-	-						
Nursery management		-	-	-						
Integrated Farming Systems		-	-	-						
TOTAL		-	-	-						
(B) RURAL YOUTH		-	-	-						
Mushroom Production		-	-	-						
Bee-keeping		-	-	-						
Integrated farming		-	-	-						
Seed production		-	-	-						
Production of organic inputs		-	-	-						
Integrated Farming		-	-	-						
Planting material production		-	-	-						
Vermin-culture		-	-	-						
Sericulture		-	-	-						
Protected cultivation of vegetable crops		-	-	-						
Commercial fruit production		-	-	-						
Repair and maintenance of farm machinery and implements	1	-	-	-	39	28	67	39	28	67
Nursery Management of Horticulture crops		-	-	-						
Training and pruning of orchards		-	-	-						
Value addition	1	-	-	-	0	42	42	0	42	42
Production of quality animal products		-	-	-						
Drip Irrigation	1				12	38	50	12	38	50
Sheep and goat rearing		-	-	-						
Quail farming		-	-	-						
Piggery		-	-	-						
Rabbit farming		-	-	-						
Poultry production		-	-	-						
Ornamental		-	-	-						

fisheries										
Storage of food	1	-	-	-	39	0	39	39	0	39
Para extension workers		-	-	-						
Composite fish culture		-	-	-						
Freshwater prawn culture		-	-	-						
Awareness about Bio-fertilizer and Bio pesticides	1	-	-	-	90	36	126	90	36	126
Pearl culture		-	-	-						
Cold water fisheries		-	-	-						
Fish harvest and processing technology		-	-	-						
Fry and fingerling rearing		-	-	-						
Small scale processing		-	-	-						
Post Harvest Technology		-	-	-						
Tailoring and Stitching										
Rural Crafts		-	-	-						
TOTAL	**5**				**222**	**102**	**324**	**222**	**102**	**324**
		-	-	-						
(C) Extension Personnel		-	-	-						
Productivity enhancement in field crops	1	-	-	-	19	00	19	19	00	19
Integrated Pest Management	1				11	4	15	11	4	15
Integrated Nutrient management		-	-	-						
Rejuvenation of old orchards		-	-	-						
Protected cultivation technology		-	-	-						
Formation and Management of SHGs		-	-	-						
Group Dynamics and farmers organization		-	-	-						
Information networking among farmers		-	-	-						
Capacity building for ICT application	1				11	17	30	11	17	30
Care and maintenance of farm machinery and implements		-	-	-						
WTO and IPR issues		-	-	-						
Management in farm animals										
Livestock feed and		-	-	-						

fodder production										
Household food security		-	-	-						
Vermi compost	1	-	-	-	20	00	20	20	00	20
Low cost and nutrient efficient diet designing		-	-	-						
Production and use of organic inputs										
Gender mainstreaming through SHGs		-	-	-						
Cultivation of fruits										
Transfer of technology	1				7	33	40	7	33	40
TOTAL										
Grant Total	**43**				**1572**	**219**	**1791**	**1572**	**219**	**1791**

B) OFF Campus

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	1				24	10	34	24	10	34
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming	2				53	1	54	53	1	54
Water management										
Seed production		-	-	-						
Nursery management	1	-	-	-	20	9	29	20	9	29
Integrated Crop Management	1				26	0	26	26	0	26
Fodder production		-	-	-						
Production of organic inputs										
Total	**5**				**123**	**20**	**143**	**123**	**20**	**143**
II Horticulture		-	-	-						
a) Vegetable Crops		-	-	-						
Production of low volume and high value crops										
Off-season vegetables		-	-	-						
Nursery raising										
Exotic vegetables like Broccoli		-	-	-						
Export potential vegetables		-	-	-						
Grading and standardization		-	-	-						
Protective cultivation (Green Houses, Shade Net etc.)		-	-	-						

Other INM										
b) Fruits		-	-	-						
Training and Pruning		-	-	-						
Layout and Management of Orchards		-	-	-						
Cultivation of Fruit										
Management of young plants/orchards		-	-	-						
Rejuvenation of old orchards		-	-	-						
Export potential fruits		-	-	-						
Micro irrigation systems of orchards		-	-	-						
Plant propagation techniques		-	-	-						
c) Ornamental Plants		-	-	-						
Nursery Management		-	-	-						
Management of potted plants		-	-	-						
Export potential of ornamental plants		-	-	-						
Propagation techniques of Ornamental Plants		-	-	-						
d) Plantation crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
e) Tuber crops		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
f) Spices		-	-	-						
Production and Management technology		-	-	-						
Processing and value addition		-	-	-						
g) Medicinal and Aromatic Plants		-	-	-						
Nursery management		-	-	-						
Production and management technology		-	-	-						
Post harvest technology and value addition		-	-	-						
Total										
III Soil Health and Fertility Management		-	-	-						
Soil fertility		-	-	-						

management										
Soil and Water Conservation		-	-	-						
Integrated Nutrient Management		-	-	-						
Production and use of organic inputs		-	-	-						
Management of Problematic soils		-	-	-						
Micro nutrient deficiency in crops		-	-	-						
Nutrient Use Efficiency		-	-	-	-					
Soil and Water Testing		-	-	-						
		-	-	-						
IV Livestock Production and Management		-	-	-						
Dairy Management										
Housing Management	2	-	-	-	38	22	60	38	22	60
Piggery Management		-	-	-						
Rabbit Management		-	-	-						
Disease Management										
Feed management	2				27	40	67	27	40	67
Health management	3				54	20	74	54	20	74
Reproduction										
Total	**7**				**119**	**88**	**207**	**119**	**88**	**207**
V Home Science/Women empowerment		-	-	-						
Household food security by kitchen gardening and nutrition gardening		-	-	-						
Design and development of low/minimum cost diet		-	-	-						
Designing and development for high nutrient efficiency diet		-	-	-						
Minimization of nutrient loss in processing		-	-	-						
Gender mainstreaming through SHGs		-	-	-						
Storage loss minimization techniques		-	-	-						
Value addition		-	-	-						
Income generation activities for empowerment of rural Women		-	-	-						

Location specific drudgery reduction technologies		-	-	-						
Rural Crafts		-	-	-						
Women and child care		-	-	-						
Total		-	-	-						
VI Agril. Engineering		-	-	-						
Installation and maintenance of micro irrigation systems		-	-	-						
Use of Plastics in farming practices		-	-	-						
Production of small tools and implements		-	-	-						
Repair and maintenance of farm machinery and implements		-	-	-						
Small scale processing and value addition		-	-	-						
Post Harvest Technology		-	-	-						
VII Plant Protection		-	-	-						
Integrated Pest Management	4				120	6	126	120	6	126
Integrated Disease Management	2				29	25	54	29	25	54
Bio-control of pests and diseases	1				31	0	31	31	0	31
Production of bio control agents and bio pesticides		-	-	-						
Storage of food grains	2				54	3	57	54	3	57
Total	**9**				**234**	**34**	**268**	**234**	**34**	**268**
VIII Fisheries		-	-	-						
Integrated fish farming		-	-	-						
Carp breeding and hatchery management		-	-	-						
Carp fry and fingerling rearing		-	-	-						
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Hatchery management and culture of freshwater prawn	--	--	--	--	--	--	--	--	--	--
Breeding and culture of ornamental fishes	--	--	--	--	--	--	--	--	--	--
Portable plastic carp hatchery	--	--	--	--	--	--	--	--	--	--

Pen culture of fish and prawn	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Edible oyster farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Fish processing and value addition	--	--	--	--	--	--	--	--	--	--
IX Production of Inputs at site										
Seed Production	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Bio-agents production	--	--	--	--	--	--	--	--	--	--
Bio-pesticides production	--	--	--	--	--	--	--	--	--	--
Bio-fertilizer production	--	--	--	--	--	--	--	--	--	--
Vermi-compost production	--	--	--	--	--	--	--	--	--	--
Organic manures production	--	--	--	--	--	--	--	--	--	--
Production of fry and fingerlings	--	--	--	--	--	--	--	--	--	--
Production of Bee-colonies and wax sheets	--	--	--	--	--	--	--	--	--	--
Small tools and implements	--	--	--	--	--	--	--	--	--	--
Production of livestock feed and fodder	--	--	--	--	--	--	--	--	--	--
Production of Fish feed	--	--	--	--	--	--	--	--	--	--
X Capacity Building and Group Dynamics										
Leadership development	1	--	--	--	9	7	16	9	7	16
Group dynamics	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs/farmers club										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Value addition										
TOT	1				20	1	21	20	1	21
Credit availability										
Total	**2**	-	-	-	**29**	**8**	**37**	**29**	**8**	**37**
XI Agro-forestry										
Production technologies	--	--	--	--	--	--	--	--	--	--

Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Farming Systems	--	--	--	--	--	--	--	--	--	--
(B) RURAL YOUTH										
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Bee-keeping		-	-	-						
Integrated farming		-	-	-						
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Dairying	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Quail farming	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Rabbit farming	--	--	--	--	--	--	--	--	--	--
Poultry production	--	--	--	--	--	--	--	--	--	--
Ornamental fisheries	--	--	--	--	--	--	--	--	--	--
Para vets	--	--	--	--	--	--	--	--	--	--
Para extension workers	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Freshwater prawn culture	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Cold water fisheries	--	--	--	--	--	--	--	--	--	--
Fish harvest and processing technology	--	--	--	--	--	--	--	--	--	--
Fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Small scale processing	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--

Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
TOTAL										
(C) Extension Personnel										
Productivity enhancement in field crops	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation technology	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs	--	--	--	--	--	--	--	--	--	--
Group Dynamics and farmers organization	--	--	--	--	--	--	--	--	--	--
Information networking among farmers	--	--	--	--	--	--	--	--	--	--
Capacity building for ICT application	--	--	--	--	--	--	--	--	--	--
Care and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
WTO and IPR issues	--	--	--	--	--	--	--	--	--	--
Management in farm animals	--	--	--	--	--	--	--	--	--	--
Livestock feed and fodder production	--	--	--	--	--	--	--	--	--	--
Household food security	--	--	--	--	--	--	--	--	--	--
Women and Child care	--	--	--	--	--	--	--	--	--	--
Low cost and nutrient efficient diet designing	--	--	--	--	--	--	--	--	--	--
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Gender mainstreaming through SHGs	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--
Grant Total	**23**				**505**	**150**	**655**	**505**	**150**	**655**

C) Consolidated table (ON and OFF Campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	2	0	0	0	47	11	58	47	11	58

Resource Conservation Technologies	1	0	0	0	36	0	36	36	0	36
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	5	0	0	0	139	3	142	139	3	142
Water management	2	0	0	0	114	0	114	114	0	114
Seed production	4	0	0	0	293	10	303	293	10	303
Nursery management	1	0	0	0	20	9	29	20	9	29
Integrated Crop Management	5	0	0	0	149	8	157	149	8	157
Fodder production	1	0	0	0	39	0	39	39	0	39
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	1	0	0	0	0	13	13	0	13	13
Off-season vegetables	1	0	0	0	27	0	27	27	0	27
Nursery raising	1	0	0	0	24	1	25	24	1	25
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	1	0	0	0	29	0	29	29	0	29
Protective cultivation (Green Houses, Shade Net etc.)	1	0	0	0	24	1	25	24	1	25
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value	0	0	0	0	0	0	0	0	0	0

addition										
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management										
Dairy Management	3	0	0	0	73	53	126	73	53	126
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Disease Management	1	0	0	0	0	20	20	0	20	20
Feed management	4	0	0	0	62	56	118	62	56	118
Production of quality animal products	5	0	0	0	124	20	144	124	20	144
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0

Designing and development for high nutrient efficiency diet	1	0	0	0	101	4	105	101	4	105
Minimization of nutrient loss in processing	1	0	0	0	10	34	44	10	34	44
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	26	0	26	26	0	26
Income generation activities for empowerment of rural Women	1	0	0	0	29	0	29	29	0	29
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
VII Plant Protection										
Integrated Pest Management	9	0	0	0	274	6	280	274	6	280
Integrated Disease Management	5	0	0	0	153	53	206	153	53	206
Bio-control of pests and diseases	3	0	0	0	137	36	173	137	36	173
Production of bio control agents and bio pesticides	4	0	0	0	139	6	145	139	6	145
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0

Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics										
Leadership development	3	0	0	0	112	17	129	112	17	129
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	0	0	0	20	1	21	20	1	21
Mobilization of social capital	2	0	0	0	76	0	76	76	0	76
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
TOTAL	**70**	**0**	**0**	**0**	**2277**	**362**	**2639**	**2277**	**362**	**2639**
(B) RURAL YOUTH										
Mushroom Production	0	0	0	0	0	0	0	0	0	0

Bee-keeping	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	1	0	0	0	90	36	126	90	36	126
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	0	0	0	12	38	50	12	38	50
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	0	0	0	39	0	39	39	0	39
Sericulture	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	0	0	0	39	28	67	39	28	67
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	0	42	42	0	42	42
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**0**	**0**	**0**	**180**	**144**	**324**	**180**	**144**	**324**
(C) Extension Personnel										
Productivity enhancement in field	1	0	0	0	19	0	19	19	0	19

crops										
Integrated Pest Management	1	0	0	0	11	4	15	11	4	15
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	0	0	0	7	33	40	7	33	40
Formation and Management of SHGs	1	0	0	0	20	0	20	20	0	20
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	0	0	0	11	17	28	11	17	28
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**0**	**0**	**0**	**68**	**54**	**122**	**68**	**54**	**122**
Grand Total	**80**	**0**	**0**	**0**	**2525**	**560**	**3085**	**2525**	**560**	**3085**

(D) Vocational training programmes for Rural Youth:

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
					Male	Female	Total	Type of units	Number of units	Number of persons employed	
Agronomy	30-10-12	Awareness about Bio-fertilizers and Bio - Pesticide	Resources conservation	1	90	36	126	--	--	--	--
Plant Protection	03-11-12	Storage of food grain	Storage	1	39	0	39	--	--	--	--
Plant Protection	11-02-13	Care and maintenance of plant protection equipments	Farm mechanization	1	39	28	67	--	--	--	--
Extension Education	21/24-1-13	Value addition through seed production	Value addition	4	0	42	42	--	--	--	--
Total				7	222	102	324	--	--	--	--

(E) Sponsored Training Programmes

Sl.No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
								Others			SC/ST			Total				
								Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	26-4-12	Scientific cultivation of kharif crops	Agronomy	Integrated crop management	1	PF	1	00	00	00	50	0	50	50	0	50	ATMA	Expenditure borne by sponsoring agency
2	27-4-12	Soil fertility management	Agronomy	Soil health	1	PF	1	00	00	00	17	0	17	17	0	17	ATMA	Expenditure borne by sponsoring agency
3	30-4-12	Farm implement	Agronomy	Farming system	1	PF	1	00	00	00	00	59	59	00	59	59	FTC	Expenditure borne by sponsoring agency

4	30-4-12	Dairy Farming	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	00	49	49	00	49	49	ATMA	Expenditure borne by sponsoring agency
5	17-5-12	Dairy management	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	2	15	17	2	15	17	ATMA	Expenditure borne by sponsoring agency
6	30-6-12	Feed management	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	50	64	114	50	64	114	FTC	Expenditure borne by sponsoring agency
7	2-7-12	IPM	plant protection	IPM	1	PF	1	00	00	00	20	00	20	20	00	20	ATMA	Expenditure borne by sponsoring agency
8	22-8-12	Housing management	Animal Husbandry	Animal Husbandry	1	PF	1	00	00	00	42	0	42	42	0	42	ATMA	Expenditure borne by sponsoring agency
9	25-9-12	Credit availability	Extension Education	Extension Education	1	PF	1	00	00	00	53	0	53	53	0	53	ATMA	Expenditure borne by sponsoring agency
10	16-10-12	IDM	plant protection	plant protection	1	PF	1	00	00	00	26	0	26	26	0	26	FTC	Expenditure borne by sponsoring agency
11	1-11-12	Storage of food grain	Plant protection	IPM	1	PF	1	00	00	00	16	0	16	16	0	16	ATMA	Expenditure borne by sponsoring agency
12	8-11-12	IPM	Plant protection	IPM	1	PF	1	00	00	00	85	0	85	85	0	85	ATMA	Expenditure borne by sponsoring agency
13	20-11-12	Water Management	Agronomy	Water Management	1	FW	1	00	00	00	5	16	21	5	16	21	ATMA	Expenditure borne by sponsoring agency
14	3-12-12	Water Management	Agronomy	Water Management	1	FW	1	00	00	00	14	3	17	14	3	17	ATMA	Expenditure borne by sponsoring agency
15	21-12-12	Nursery Management	Agronomy	Nursery Management	1	PF	1	00	00	00	55	16	71	55	16	71	FTC	Expenditure borne by sponsoring agency

16	27-12-12	IPM	Plant protection	IPM	1	PF	1	00	00	00	39	49	88	39	49	88	ATMA	Expenditure borne by sponsoring agency
17	28-12-12	Credit availability	Extension Education	Credit availability	1	PF	1	00	00	00	58	0	58	58	0	58	ATMA	Expenditure borne by sponsoring agency
18	30-1-13	Leadership development	Extension Education	Leadership development	1	PF	1	00	00	00	35	10	45	35	10	45	ICECD Ahmedabad	Expenditure borne by sponsoring agency
19	11-2-13	Maintenance and repairs of sprayers	Plant protection	Spraying implements	1	PF	1	00	00	00	39	28	67	39	28	67	ATMA	Expenditure borne by sponsoring agency
20	25-2-13	Vermi Compost	Agronomy	Resource Conservation	1	PF	1	00	00	00	48	14	62	48	14	62	ATMA	Expenditure borne by sponsoring agency
Total					**20**	**---**	**20**	**00**	**00**	**00**	**654**	**323**	**977**	**654**	**323**	**977**	**---**	**---**

3.4. Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Purpose/ topic and Date	No. of activities	Participants											
				Farmers (Others) (I)			SC/ST (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day	Tomato -1 18/4/12	**1**	**0**	**0**	**0**	**18**	**4**	**22**	**-**	**-**	**-**	**18**	**4**	**22**
		Brinjal -1 18/4/12	1	**0**	**0**	**0**	**16**	**0**	**16**	**-**	**-**	**-**	**16**	**0**	**16**
		Onion-1 20/4/12	1	**0**	**0**	**0**	**13**	**8**	**21**	**-**	**-**	**-**	**13**	**8**	**21**
		Ground nut-1 1/5/12	1	**0**	**0**	**0**	**50**	**2**	**52**	**-**	**-**	**-**	**50**	**2**	**52**
		Paddy GNR-2 20/9/12	1	**0**	**0**	**0**	**35**	**00**	**35**	**-**	**-**	**-**	**35**	**0**	**35**

		Paddy GAUR-1 24/9/12	1	**0**	**0**	**0**	**26**	**0**	**29**	**-**	**-**	**-**	**29**	**0**	**29**
		Paddy GR-5 28/9/12	1	**0**	**0**	**0**	**21**	**4**	**25**	**-**	**-**	**-**	**21**	**4**	**25**
		Soy bean- GS-375 29/9/12	1	**0**	**0**	**0**	**31**	**0**	**31**	**-**	**-**	**-**	**31**	**0**	**31**
		Cotton IPM 29/10/12	1	**0**	**0**	**0**	**19**	**12**	**31**	**-**	**-**	**-**	**19**	**12**	**31**
		IPM Paddy 29/10/12	1	**0**	**0**	**0**	**24**	**0**	**24**	**-**	**-**	**-**	**24**	**0**	**24**
		Pigeon Pea Vaishali 5/12/12	1	**0**	**0**	**0**	**24**	**1**	**25**	**-**	**-**	**-**	**24**	**1**	**25**
		Gram GG-2 8/1/13	1	**0**	**0**	**0**	**21**	**0**	**21**	**-**	**-**	**-**	**21**	**0**	**21**
		Pigeon Pea Bio-Component 8/1/13	1	**0**	**0**	**0**	**28**	**0**	**28**	**-**	**-**	**-**	**28**	**0**	**28**
	Field Day	Gram Bio-Component 23/1/13	1	**0**	**0**	**0**	**22**	**0**	**22**	**-**	**-**	**-**	**22**	**0**	**22**
		Wheat GW-496 8/2/13	1	**0**	**0**	**0**	**17**	**12**	**29**	**-**	**-**	**-**	**17**	**12**	**29**
	Total		**15**	**0**	**0**		**365**	**43**	**411**	**-**	**-**	**-**	**365**	**43**	**411**
2.	Kisan Mela/ Exhibition participation	04.02.2013 to 7.02.2013	4	**0**	**0**	**0**	3000	2000	5000	**-**	**-**	**-**	3000	2000	5000 Approx
3.	Khedut Shibir	Cotton-Vadi 17/5/12	**1**	**0**	**0**	**0**	105	46	151	**-**	**-**	**-**	105	46	151
		Paddy –Pansar 25/5/12	**1**	**0**	**0**	**0**	300	111	411	**-**	**-**	**-**	300	111	411
		Cotton-Besana 28/5/12	**1**	**0**	**0**	**0**	96	25	121	**-**	**-**	**-**	96	25	121
		Paddy-kukarda 30/5/12	**1**	**0**	**0**	**0**	71	0	71	**-**	**-**	**-**	71	0	71
		Paddy-Gadh 1/6/12	**1**	**0**	**0**	**0**	334	152	484	**-**	**-**	**-**	334	152	484
		Kharif crop-Nana doramba 6/6/12	**1**	**0**	**0**	**0**	268	134	402	**-**	**-**	**-**	268	134	402
		Paddy-Ghatoli	**1**	**0**	**0**	**0**	121	90	211	**-**	**-**	**-**	121	90	211

		11/6/12													
		Rabi crop Aambavadi 2/11/12	**1**	**0**	**0**	**0**	152	8	160	-	-	-	152	8	160
		Pulses-Bogaj 3/1/13	**1**	**0**	**0**	**0**	120	5	125	-	-	-	120	5	125
		IPM in pulses-Kakarpada 8/1/13	**1**	**0**	**0**	**0**	132	35	167	-	-	-	132	35	167
		Pigeon pea-kevdi 21/1/13	**1**	**0**	**0**	**0**	100	100	200	-	-	-	100	100	200
		Gram –kevdi 22/1/13	**1**	**0**	**0**	**0**	99	94	193	-	-	-	99	94	193
		Mung-kukarda 23/1/13	**1**	**0**	**0**	**0**	187	64	251	-	-	-	187	64	251
		Total	**13**	**0**	**0**	**0**	**2085**	**864**	**2947**	**-**	**-**	**-**	**2085**	**864**	**2947**
4	Kisan gosthi / Interaction	Cotton Gosthi 18/5/12	**1**	**0**	**0**	**0**	34	5	39	-	-	-	34	5	39
		Cotton Gosthi 21/5/12	**1**	**0**	**0**	**0**	65	0	65	-	-	-	65	0	65
		Interaction on Animal Husbandry 23/5/12	**1**	**0**	**0**	**0**	31	2	33	-	-	-	31	2	33
		Interaction on Value Addition 11/6/12	**1**	**0**	**0**	**0**	157	1	158	-	-	-	157	1	158
		Interaction on Varmi Compost 11/6/12	**1**	**0**	**0**	**0**	173	3	176	-	-	-	173	3	176
		Kharif crop 27/9/12	**1**	**0**	**0**	**0**	16	30	46	**2**	**0**	**2**	18	30	48
		Women in Ani. Husbandry 28/9/12	**1**	**0**	**0**	**0**	16	30	46	**2**	**0**	**2**	18	30	48
		IPM in Rabi 23/11/12	**1**	**0**	**0**	**0**	27	0	27	-	-	-	27	0	27
		Rabi crops 14/12/12	**1**	**0**	**0**	**0**	23	8	31	-	-	-	23	8	31
		IPM in Vegetable 20/12/12	**1**	**0**	**0**	**0**	17	4	21	-	-	-	17	4	21
		IPM in Vegetable 28/12/12	**1**	**0**	**0**	**0**	150	50	200	-	-	-	150	50	200
		INM in pulses 3/1/13	**1**	**0**	**0**	**0**	120	5	125	-	-	-	120	5	125
		INM in pulses 21/1/13	**1**	**0**	**0**	**0**	162	44	206	-	-	-	162	44	206
		Total	**13**	**0**	**0**	**0**	**957**	**177**	**1134**	**2**	**0**	**2**	**959**	**177**	**1136**
5.	Farmer Seminar	8/6/12 Kharif Crop and Animal	**1**	**0**	**0**	**0**	97	1	97	-	-	-	97	1	98

		Husbandry													
6	Workshop Participated	8/8/12 Lively hood Security in Tribal Area	**1**	**0**	**0**	**0**	101	4	105	-	-	-	101	4	105
		28/2/13 Nursery Management	**1**	**0**	**0**	**0**	8	21	31	-	-	-	8	21	31
7.	Workshop Attended	6/1/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		9/1/13 to 11/1/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		21/1/13 to 23/1/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		21/3/13 to 22/3/13	**1**	-	-	-	-	-	-	-	-	-	-	-	-
		Total	**5**												
8.	Film Show	Crop cultivation, animal husbandry ,vermin compost, FYM, IPM and IDM	28	-	-	-	-	-	-	-	-	-	**2117**	**610**	**2727**
9.	Method Demonstrations	During Krishi Mohotsav-12 on Seed treatment	5	0	0	0	570	173	743				570	173	743
		19/10/12, 2/11/13, 23/1/13 Seed treatment in Gram	3	0	0	0	40	1	41				40	1	41
		Total	**8**	**0**	**0**	**0**	**610**	**174**	**784**				**610**	**174**	**784**
10.	Group meetings	8	0	0	0	0	124	29	153				124	29	153
11.	Lectures delivered as resource persons	96	0	0	0	0	1842	1056	2898	9	1	10	1851	1057	2908
12.	Newspaper coverage	10		---											
13.	Radio talks	27/8/12 IWM in Tur	1	--	--	--	--	--	--	--	--	--	--	--	--
15.	TV talks	-	0	--	--	--	--	--	--	--	--	--	--	--	--
16.	Extension Literature	Distributed during various programmes--	25000	---											
17.	Advisory Services (Telephonic)	--	---	--	--	--	--	--	--	--	--	--	485	3	488
18.	Scientific visit to farmers field	--		--	--	--	--	--	--	--	--	--	436	162	598
19.	Farmers visit to KVK	--	--	--	--	--	--	--	--	--	--	--	105	6	111
20.	Diagnostic visits	Paddy,Cooton, Pigeonpea, Brinjal, Tomato, Chilli,, Watermelon, Pointer gouard, Papdi,Mango											106	20	126
21.	Exposure visits	9/2/13 and 15-17/3/13	3	0	0	0	46	46	92	0	0	0	46	46	92

		and 18/3/13													
22.	Soil health Camp	5/2/13 Water + Soil = **11+23=34**	-	-	-	-	-	-	-	-	-	-	-	-	-
23.	Animal Health Camp Participation	During Technology week and Krushi Mahostav **Cow: 1723** **Buffalo: 1017** **Total: 2740**	8										518	84	602
24.	Farm Science Club Conveners meet (formation)	5/6/12, 4/7/12, 24/7/12, 27/7/12, 16/10/12 18/10/12	5	-	-	-	-	-	-	-	-	-	146	28	174
25.	Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.	Celebration of (Technology week)	04-2-13 to 10-2-13 As given below	-	-	-	-	2864	1253	4117	150	50	200	3004	1303	4317
28.	Celebration of important days	5/6/12 Environment day	-	-	-	-	20	5	25	-	-	-	20	5	25
		16/7/12 ICAR industries day	-	-	-	-	118	10	128	16	2	18	134	12	146
		16/10/12 World Food day	-	-	-	-	0	45	45	-	-	-	0	45	45
29.	Van Mahotsav	Plantation of saplings 24/7/12 and 6/8/12	2	-	-	-	103	20	123	1	0	1	104	20	124
30.	Krushi Mahotsav 2012	6-5-12 to 31-5-12 Khedut shabha	**15**	-	-	-	-	-	-	-	-	-	**10274**	4378	**14652 approx.**
31.	Farmers School in association with (ATMA)	Cotton, Paddy, Pigeon pea, Wheat, Onion, Maze, Gram, animal husbandry	10										**250**	00	**250**
Total															

Technology week (04/02/2013 to 10/02/2013)

S.N.	Date	Time	Place	Programme	Participants
1	04.02.2013	10.30 to 10.45	Dediapada	Inauguration of Farmers Hostel at KVK, Dediapada	1144+731=1875
		10.45 to 11.00	Dediapada	Opening of the district level Agricultural Fair cum exhibition in association with ATMA	
		11.00 to 11.15	Dediapada	Visited by Dignitaries Agril exhibition,Vegatable exhibition, Fruit exhibition, Farm Mechnanised exhibition, Animal fair	
		14:30 to 17:00	Dediapada	Symposium on Women empowerment	
2	05.02.2013	12.00 to 12.45	Dediapada	Symposium on Soil and Water managment	709+94=803
		12.45 to 13.30	Dediapada	Soil and Water sample analysis which given by the Farmers from their Field Soil sample analysis: **23** Water sample analysis: **11** Total: Sample Analysis **34**	
3	06.02.2013	12.00 to 12.30	Dediapada	Symposium on Agricultural Crops and Value addition	471+215=686
		14.00to 16.00	Dediapada	Information and Demonstration of JCB Machine on Agril. Engineering Exhibition	70+30=100
4	07.02.2013	09.30 to 12.00	Dediapada	Animal health Exhibition Village: Sankali Ta: Dediapada. During the Animal health camp total 153 medicinal case, 1 surgery case and 1 Castration case take it. Total case **156** was cover in camp. During the camp come to Dr. Dipakbhai Suthar , Dr. Lalitbhai Modi and 8 Student and veterinary Department Dediapada Dr. Chaucha and Dr. Depti was come in camp	200 Approx
		12:00 to 13:00	Dediapada	Symposium on Animal Husbandry, Fishery and Animal Health Exhibition.	411+159=570
5	08.02.2013	10.00 to 11.00	Kukarda	Field –Days (Wheat and Chick pea)	39+12=51
		11.00 to 16.00	Kukalda	Farmers Shibir	40+10=50
6	09.02.2013	06.00 to 18.30	Vasda	Field Visit at Tribal Training Center, Vasda	22+21=43
7	10.02.2013	10.00 to 13.00	Dediapada	On Campus Khedut Shibir (FLD- Mung)	45+0=45
		20.00 to 22.00	Kavdi	Night meeting	60+17=77
8	**Total**			**Animal Case = 156 and 3208 +1289 = 4497**	

3.5 Production and supply of Technological products

SEED MATERIALS

Production Kharif -2012-13 -Rabi- 2011-12

Sr. No.	Major group / class Crop	Crop	Variety	Quantity	Value	Showing date	Harvesting date	Area
Kharif -2012-13								
1	Cereals	Paddy	IR-28	4550 kg	Yet to be sell	2/7/12	18/10/12	2.5ha
2	Cereals	Paddy	GR-5	3360 kg	Yet to be sell	2/7/12	18/10/12	2.5ha
3	Pulses	Soybean	JS-335	300 kg	Yet to be sell	29/6/12	24/10/12	1.0 ha
4	Pulses	pigeon pea	Vaishali	2000 kg	Yet to be sell	29/6/12	5/1/13	2.0ha
5	Oilseed	Niger	GUJ-1	180 kg	Yet to be sell	20/7/12	15/11/12	0.5 ha
Rabi- 2011-12								
6	Pulses	Gram	G.G-2	850 kg	59500	26/10/11	10/1/12	1.0 ha
Summer-2012								
7	Pulses	Green gram	Meha	550 kg	55000	15/2/12	25/4/12	1.0 ha

Supply of technological products during kharif 2012 and onwards

Sr. No.	Crop	Variety	Quantity in Kg	Rs	Provided to No of farmers
1	Pigeon pea	Vaishali	254 kg	19260	co-operative Society ,Seed village, FLD and 119Farmers
2	Paddy	GR-5	2100 kg	36100	Kvk vayara, co-operative Society , , FLD and 54Farmers
3	Paddy	IR-28	1550 kg	29450	Coperative Society , ,
4	Soybean	JS-335	165 kg	4500	240 Farmers
5	Gram	GG-2	850 kg	59500	Seed village, 19 farmers
6	Niger	Guj. Nig. -1	40 kg	-	NAU, farm
7	Green Gram	Meha	550 kg	55000	KVK,Vayara

SUMMARY

Sl. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	36.50	65550	KVK vayara, co-operative Society , FLD and 54Farmers
2	OILSEEDS	--	--	NSC, Godhra
3	PULSES	18.15	138260	co-operative Society ,Seed village, FLD and 371Farmers
TOTAL		**54.65**	**203810**	

PLANTING MATERIALS: Nil

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS	--	--	--	--	--
SPICES	--	--	--	--	--
VEGETABLES	--	--	--	--	--
FOREST SPECIES	--	--	--	--	--
ORNAMENTAL CROPS	--	--	--	--	--

PLANTATION CROPS	--	--	--	--	--
Others (specify)	--	--	--	--	--

SUMMARY

Sl. No.	Major group/class	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS	--	--	--
2	VEGETABLES	--	--	--
3	SPICES	--	--	--
4	FOREST SPECIES	--	--	--
5	ORNAMENTAL CROPS	--	--	--
6	PLANTATION CROPS	--	--	--
7	OTHERS	--	--	--
	TOTAL	--	--	--

BIO PRODUCTS

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS	--	--	--	--	--	--
BIOFERTILIZERS	--	--	--	--	--	--
BIO PESTICIDES	--	--	--	--	--	--

SUMMARY

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	(kg)		
1	BIOAGENTS	--	--	--	--	--
2	BIO FERTILIZERS	--	--	--	--	--
3	BIO PESTICIDE	--	--	--	--	--
	TOTAL	--	--	--	--	--

LIVESTOCK-Nil

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle	--	--	--	--	--	--
SHEEP AND GOAT	--	--	--	--	--	--
POULTRY	--	--	--	--	--	--
FISHERIES	--	--	--	--	--	--
Others (Specify)	--	--	--	--	--	--

SUMMARY

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	Kgs		
1	CATTLE	--	--	--	--	--
2	SHEEP & GOAT	--	--	--	--	--
3	POULTRY	--	--	--	--	--
4	FISHERIES	--	--	--	--	--
5	OTHERS	--	--	--	--	--
	TOTAL	--	--	--	--	--

PUBLICATIONS

Type of Publication	No. of Items/topics	Number copies
News Letter	--	--
Technical reports	3	--
Technical bulletins	--	--
Popular articles	2	
Extension literature (Folder)	6	6000
Electronic media	--	--

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