ANNUAL REPORT – 2016-17

(April 2016to March 2017)

KVK, NAU, Dediapada, Dist.Narmada

APR SUMMARY

1.Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	31	665	532	1197
Rural youths	1	0	30	30
Extension functionaries	1	0	25	25
Sponsored Training	13	357	141	498
Vocational Training	2	25	30	55
Total	**48**	**1047**	**758**	**1805**

2.Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	221	80	221
Pulses	159	63	159
Cereals	137	58	137
Vegetables	61	21	61
Other crops	25	0.25	25
Hybrid crops	0	0	0
Total	**603**	**222.25**	**603**
Livestock & Fisheries	0	0	0
Other enterprises	0	0	0
Total	**0**	**0**	**0**
Grand Total	**603**	**222.25**	**603**

3.Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed	0	0	0
Crops	2	20	20
Livestock	0	0	0
Various enterprises	0	0	0
Total	**2**	**20**	**20**
Technology Refined	0	0	0
Crops	2	20	20
Livestock	0	0	0
Various enterprises	0	0	0
Total	2	20	20
Grand Total	**4**	**40**	**40**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	153	18218
Other extension activities	0	0

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Narmada	Text only	60	-	1	5	10	5	81
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	60	-	1	5	10	5	81
	Total farmers Benefitted	5000	0	1000	1000	3000	162	10162

6.Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	99.80	**6,34,600/-**
Planting material (No.)	5,50,000	1,12,000/-
Bio-Products (kg)	0	0
Livestock Production (No.)	0	0
Fishery production (No.)	0	0

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	251	0
Water	0	0
Plant	0	0
Total	**251**	**0**

8. HRD and Publications

Sr.No.	Category	Number
1	Workshops	1
2	Conferences	1
3	Meetings	13
4	Trainings for KVK officials	4
5	Visits of KVK officials	15
6	Book published	3
7	Training Manual	2
8	Book chapters	0
9	Research papers	2
10	Lead papers	0
11	Seminar papers	0
12	Extension folder	1
13	Proceedings	1
14	Award & recognition	0
15	Ongoing research projects	0

DETAIL REPORT OF APR-2016-17

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 PIN 393 040, District: Narmada, Gujarat	(02649) 234501	-	kvkdediapada@nau.in kvk_narmada@yahoo.in

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. A. D.Raj	---	9374032375	adraj@nau.in

1.4. Year of sanction: 2006

1.5. Staff Position (as on 30th March, 2017)

Sr. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Senior Scientist & Head	Vacant	Senior Scientist & Head	Ext. Edu.	37400-67000	---	---	---	---	---	---	kvkdediapada@nau.in
2	Scientist	Vacant	Scientist	Ext. Edu.	15600-39100	---	---	---	---	---	---	---
3	Scientist	Dr. A. D. Raj	Scientist (IC SS&H)	Agronomy	15600-39100	18320	02/05/ 2011	Temporary	SC	9374032375	43	adraj@nau.in
4	Scientist	Dr. H. R. Jadav	Scientist	Entomology	15600-39100	17610	30/01/ 2013	Temporary	SC	8140000465	42	hrjadav@nau.in
5	Scientist	Vacant	Scientist	Animal Nutrition	15600-39100	---	---	---	---	---	---	---
6	Scientist	Dr. M.V. Tiwari	Scientist	Home Science	15600-39100	15600	21/08/ 2015	Temporary	Other	9408985550	31	mvtiwari@nau.in
7	Scientist	Dr. S. K. Desai	Scientist	Horticulture	15600-39100-	15600	29/12/ 2015	Temporary	Other	9428382359	35	Sk_desai2003@ yahoo.com
8	Programme Assistant	Mr. V. R. Jinjala	Programme Assistant	Agronomy	13700 Fixed	9300	13/08/ 2015	Temporary	OBC	9726892689	27	vrjinjala@nau.in
9	Computer Programmer	Mr. M. H. Bhatt	---	Computer	13700 Fixed	9300	17/08/ 2015	Temporary	Other	7227801350	29	mhbhatt@nau.in
10	Farm Manager	Mr. R.S. Patel	Farm Manager	Agriculture	13700 Fixed	9300	13/08/ 2015	Temporary	ST	9904410078	27	patelrs6996@gmail.com
11	Accountant / Superintendent	Vacant	Accountant / Superintendent	---	9300-34100	-	-	Temporary	---	---	---	---
12	Stenographer	Vacant	---	---	5200-20200	---	---	---	---	---	---	---
13	Driver	Mr. S. M. Saiyed	Driver	Driver cum mechanic	5200-20200	6560	23/08/ 2012	Temporary	Other	9428161154	40	
14	Driver	Vacant	---	---	---	---	---	---	---	---	---	---
15	Supporting staff	Mr. D. M. Patel	Supporting staff	Supporting staff	4440-7440	4990	22/08/ 2012	Temporary	OBC	9913628177	30	
16	Supporting staff	Vacant	---	---	---	---	---	---	---	---	---	---

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

Sr. No.	Item	Area (ha)
1.	Under Buildings	4.00
2.	Under Demonstration Units	1.00
3.	Under Crops	13.5
4.	Orchard/Agro-forestry	0.50
5.	Others (specify)	2.60

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	0	0	0	Complete
2.	Farmers Hostel	ICAR	April 2010	320	0	0	0	Complete
3.	Staff Quarters (6)	ICAR	January 2010	400	0	0	0	Complete
4.	Demonstration Units (2)	ICAR	0	0	0	0	0	Complete
5	Fencing	Plan Scheme	March 2015	500 mt.	5.00 Lakh	0	0	Complete
6	Rain Water harvesting system	Plan Scheme	January 2012	0	0	0	0	Complete
7	Threshing floor	Plan Scheme	March 2014	400	3 .00 Lakh	0	0	Complete
8	Farm godown	ICAR	March 2014	400	5.00 Lakh	0	0	Complete

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep (Bolero)	2007	4,78,482	225256	Good
Bike	2012	49000/-	15177	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
Ridge	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	20.03.2010	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 & 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	Working
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
Magazine Stand Model T-9309	12-03-2014	4465	Working
Acrylic Specimen Box	12-03-2014	840	Working
Acrylic Table Top/Desk ped	12-03-2014	4952	Working
Acrylic Door Name Plate	12-03-2014	656	Working
Electric Motor 5 H. P	23-08-2014	22500	Working
Electric Motor 0.5 H. P	03-12-2014	2800	Working
Loan Mover	23-12-2014	26200	Working
Sewing Machine with Gear(No. 16)	23-12-2014	91200	Working
Sewing Machine without Gear	23-12-2014	8000	Working
Sewing Machine	23-12-2014	8000	Working
Trolley (2 Wheel)	24-02-2015	85000	Working
Case Wheel	24-02-2015	15000	Working
Samar	24-02-2015	28000	Working
Peddler	24-02-2015	20000	Working
Notice board	03-03-2015	5980	Working

Magazine Stand	03-03-2015	6240	Working
Honda Generator	23-03-2015	96500	Working
Hp laptop	21-11-2015	44299	Working
Honda Junketer Bu 3015	10-12-2015	98500	Working
Soil testing mini lab	21-11-2015	75000	Working
Table	11-01-2016	12392	Working
Revolving chair	11-01-2016	8435	Working
Cupboard	11-01-2016	9520	Working
Digital electric weight balance	19-02-2016	29900	Working
Digital electric weight balance	19-02-2016	6900	Working
Paddy fen with motor	25-02-2016	42200	Working
Battery pump	16-02-2016	8000	Working
Stereo microscope	15-03-2016	224438	Working
Hydraulic plough	19-03-2017	79800	Working
Reversible plough	19-03-2017	63000	Working
Sub soiler	19-03-2017	13000	Working
Paddy thresher	21-03-2017	167000	Working
Lesser land leveler	21-03-2017	295000	Working
Aspee duo electro spray pump	03-11-2016	24900	Working
Office table	30-01-2017	20125	Working
Exe. Revolving chair	30-01-2017	5290	Working
Computer table	30-01-2017	5880	Working
Computer chair	30-01-2017	5750	Working
S.A. rank	30-01-2017	32775	Working
Teka Stool	30-01-2017	28405	Working
Reco digital Photocopier Xerox machine	17-03-2017	150000	Working
Lenovo computer	17-03-2017	92338	Working
Laser printer	17-03-2017	25800	Working
RO water cooler	17-03-2017	79000	Working
Rotary	16-03-2017	99000	Working
Carrier Slip AC. model 24 k Superia, 2 ton – 3 Star	16-03-2017	36521	Working
Carrier Slip AC model 18 k Superia, 1.5 ton – 3 Star	16-03-2017	33043	Working
Stabilizer	19-03-2017	16560	Working
Work banch “L”	18-03-2017	167750	Working
Ice bed bench	18-03-2017	155750	Working
Over head Val Storage Cabinet	18-03-2017	80843	Working
Automatic nitrogen Distillation operator	16-03-2017	308800	Working
Digital Spectro meter	16-03-2017	75000	Working
Hot plate	16-03-2017	41300	Working
Mufflefurnish	16-03-2017	65000	Working
Water bath	19-03-2017	7315	Working
Hot air oven	19-03-2017	41800	Working
I.C. meter	19-03-2017	34760	Working
Electric top DigitalBalance	19-03-2017	72200	Working
Refrigerator	23-03-2017	56000	Working
Flam photometer	18-03-2017	72000	Working
Ph meter -362	16-03-2017	56400	Working
Electronic kenos –sk-19t	21-03-2017	90250	Working
Soil testing mini lab	25-03-2017	86000	Working

1.8. A). Details 8th SAC meeting conducted in the year 2016.

Sr. No	Date	Name and Designation of Participants	Salient Recommendations	Action taken

1.	24-02-16	Dr, M. K. Arvadia, Principal & Dean, N. M. College of Agriculture, N.A.U, Navsari	Prepare demonstration unit on Sunflower at KVK and give training to the farmers.	- Demonstration plot on Sunflower variety Modern-1 conducted at KVK in Crop cafeteria. - One training programme of 25 farmers organized on scientific cultivation of sunflower.
2		Dr. G. R. Patel Director of Extension Education, NAU, Navsari	Prepare new success stories related to KVK impact.	- New success stories prepared
		Dr. J. G. Patel Principal, Polytechnic in Bharuch, N.A.U, Bharuch	Arrange Front Line Demonstration on Castor variety NCH-1and Paddy variety NAUR-4.	- FLDs on Castor (NCH-1) & Paddy (NAUR-4) were conducted on 15 farmers field
4		Dr. N. J. Bhatt Deputy Director of Agriculture, Narmada	Arrange Front Line Demonstration on Soybean variety GS-3.	- FLDs on Soybean GS-3 were conducted on 15 farmers field
5		Dr. Mahesh R. Gobade, Director(I/C) CCBF, Dharmod.	Organize job oriented training for rural youth and BRS student.	- Two Vocational training were organized for rural youth.
6		Shri. N. D. Makvana Director, Regional Staton for Forrage Production and Demonstration,Dharmod.	Prepare OFT on varietal screening/testing (viz; Vaishali, Virgin and GT-1)	- Screening/testing of varietal (viz; Vaishali, Virgin and GT-1) was conducted in crop cafeteria and plan for farmers' field.
7		Dr. Smita Pille Deputy Director of Horticulture, Rajpipla, Narmada	Arrange Front Line Demonstration on Pigeon pea variety GT-2 and give training to the farmers.	- Seed was not available of pigeon pea variety GT-2, but training was organized on scientific cultivation of pigeon pea for 25 farmers. FLDs will be arranged in next year
8		Mr. Satishbhai Patel Agri- Entrepreneur, Sagbara	Increase exposure visit with in District or outside the district.	- Exposure visit within the district for four time and outside the district for 2 times.
9		Prof. S.M. Shanghani, Assistant Professor, College of Agriculture Bharuch	Prepare Demonstration unit on Medicinal crop at KVK.	- Demonstration unit on Medicinal crop at KVK will be planed.
10		Smt. Jermaben. S. Vasava Presidents of Triable women credit Co-operative society	Organize vocational training for rural women to generate employment.	- One vocational training programme was organized for rural women.
11		Shri. Sankarbhai Vasava Chairmen Irrigation, Jilla Panchayat, Narmada	Prepare integrated farming module at KVK.	- IFS module was planned and will be prepared at KVK.
12		Shri. V.C. Dodiya, DPD (ATMA), Rajpipla	Disseminate KVK techniques to interior villages means REACH TO UN-REACH persons.	- New adoptive villages will be selected for disseminate KVK techniques
13		Dr. M. A. Gamit, Vetenary Officer, Dediyapada, Narmada	Invite women representative from adopted village cluster as member of SAC.	- Invite women representative from adopted village Cluster as member of SAC.
14		Dr. P. R. Pande, Principal, Agri Engg. College, NAU, Dediapad, Narmada		

15		Shri.D. J. Makvana, Range Forest office, Dediyapada,
16		Shri. Patel Dipak J., BWDO, Rajpipla, Narmada
17		Shri. Pradipbhai J. Patel, Progressive Farmer, Dediyapada, Narmada
18		Shri. Rao Yaduman, Livestock officer,l C.C.B.F. Dhamroad, Surat
19		Dr.A. D. Raj, Senior Scientist & Head (I/C) KVK, Narmada
20		Smt. Ushaben. D. Vasava, Progressive Farm women
21		Shri. Sandipbhai Vasava, Progressive Farmer, Rajpipla, Narmada
22		Smt. Jermaben. S. Vasava, Presidents of Tribal women credit Co-operative society, Dediyapada, Narmada
23		All SMS, KVK, Dediapada

Proceeding of Ninth Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, NAU, Dediapada held on 07/03/2017 at 10:00a.m; KVK, Dediapada

The Ninth Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, NAU, Dediapada was held at KVK, Dediapada on 7th March, 2017 to review the progress made by KVK during last year (April - 2016 to February-2017) and discuss the future action plan for the next year (April - 2017 to March -2018). The meeting was inaugurated by Dr. C. J. Dangaria, Chairman & Vice Chancellor, NAU, Navsari. Dr. A. D. Raj, Member Secretary &Senior Scientist & Head (I/C), Krishi Vigyan Kendra, Dediapada welcomed the dignitaries, committee members, farmers and other invitee.

Dr. A. D. Raj, Senior scientist & Head presented the highlights of KVK and Scientists of different disciplines were presented the work done during the period of April-2016 to February-2017. The Scientific Advisory Committee discuss on the topic that how to make better activity of Krishi Vigyan Kendra and take valuable suggestions of committee members.

Dr. G. R. Patel, Director of Extension Education, NAU, Navsari explained briefly on objectives of Scientific Advisory Committee andMandates of Krishi Vigyan Kendra. He advised to identify farmers & suitable place for fish cultivation and demonstration unit at village level and provide input to them. He suggested make PRA for new village selection and find out the impact study of old villages.

Dr. C. J. Dangaria, Chairman & Vice Chancellor, NAU, Navsari suggested to KVK scientist focus on farmers income doubling and establish Medicinal crop Demonstration unit at KVK. He suggested increase organic farming and teak plantation at road side and boundary of KVK farm.

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

9.1	Approval of the minutes of Eighth Scientific Advisory Committee.
	The action taken report of the minutes of Eighth SAC meeting (Held on **24th February, 2016**) was presented before the house and it was approved by the Scientific Advisory Committee.
9.2	Progress made by KVK during April, 2016- Feb. 2017
	Senior Scientist & Head (I/C), KVK, NAU, Dediapada presented the report on progress made by KVK for the period of April-2016-Feb.2017. The committee satisfied with the activities and achievements made by the KVK.
9.3	Action plan for the period of April-2017 to March -2018.
	Discussion was made on the Action Plan for the period of April-2017 to March-2018 which was approved by the house. However, few suggestions were made by the house to strengthen the action plan.
9.3.1	To prepare Demonstration unit of organic farming.
9.3.2.	To arrange new variety of seed for sunflower GJ-1
9.3.3	To arrange improved variety of seeds for Front line Demonstrations.
9.3.4	To make MOU for Banana growers.
9.3.5.	To make conversion with other departments.
9.3.6.	To find out preference of breed for Goat farming in Narmada district.
9.3.7.	To arrange NRC-37 seed variety for soybean
9.3.8.	To Include improved variety of Onion seed especially (Gujarat Yellow)/AG-8.
9.3.9.	Do not select variety for FLD (Varietal) which is more than 10 years old.

9.3.10.	To focus on farmers income doubling.
9.3.11.	To plan fish farming Demonstration unit at village level.
9.3.12.	To convert brinjal surati ravaiya FLD in INM techniques.
9.3.13.	To find out and selection of fisherman in Narmada district.
9.3.14.	To arrange meeting with fisheries department for fish cultivation and Demonstration.
9.3.15	To make PRA for new village selection.
9.3.16	To find out the impact study of old adoptive villages.

Senior Scientist & Head (I/C)
KrishiVigyan Kendra,
Navsari Agriculture University
Dediapada

Chairman& Vice Chancellor, SAC
Navsari Agriculture University
Navsari

2. DETAILS OF DISTRICT (2016-17)

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 (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1	South Gujarat Zone II , AES-I (Dediapada, Sagbara, Garudeshwar & Nandod)	Rainfall: 1000-1250 mm
2	Middle Gujarat Zone III, AES-IX (Tilakwada)	Rainfall: 900-1000 mm

2.3Soil type/s

Sr. No	Soil type/s	Characteristics	Area
1	Undulating, shallow to medium in depth, fine textured, highly erosive	Type of Soil:. Soil Characteristics: Low fertility land and hilly terrain with dense forest. Soil fertility: Nitrogen-poor, Phosphorus medium, Potash High.	80%
2	Deep black soil-Plain	Deep black soil with high rainfall-plain	20%

2.4. Area, Production and Productivity of major crops cultivated in the district (2016-17)

Sr. No.	Season and crops	Area (ha)	Production (M.T.)	Yield (kg/ha)
KHARIF				
1	Paddy Drilled	9769	7717	790
2	Paddy TP	3495	7723	2210
3	Groundnut	41	75	1830
4	Cotton irrigated	35398	42831	1210
6	Sorghum	6352	10226	1610
7	Maize	6951	10982	1580
8	Soybean	3267	3626	1110
9	Pigeon Pea (Arhar)	23719	23244	980
10	Green gram	955	544	570
RABI				
1	Wheat	5202	3660	2370
2	Sorghum	1683	2109	1253
3	Sugarcane	6792	475440	70000
4	Gram	1248	1585	1270
5	Maize	1161	2136	1840
6	Fodder Crops	1763	15717	8915
SUMMER				
1	Ground nut	455	850	1868
2	Bajra	672	1065	1584
3	Green Gram	721	570	790
4	Maize	374	735	1965
5	Vegetables	507	5843	11524
6	Melons	237	7983	33683
7	Fodder Crops	835	7895	9455

2.5. Weather data (2016-17)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)
		Maximum	Minimum	
June	47	0	0	0
July	25	0	0	0
August	32	0	0	0
September	0	0	0	0

2.6 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	-	0	0
Indigenous	-	0	0
Goats	**71897**	**19843 kg meat/year**	**0.316 kg/year (meat)**
Pigs	**0**	**0**	**0**
Crossbred	0	0	0
Indigenous	74	0	0
Rabbits	**73**	**0**	**0**
Poultry	**0**	**0**	**0**
Hens	0	0	0
Desi	138509	36,00,000 egg/year	0.2504 no. of egg/day
Improved	3887		0.6643 no. of egg/day
Ducks	913	0	0
Turkey and others	0	0	0

Category	Area	Production	Productivity
Fish	0	0	0
Marine	0	0	0
Inland	18.09	0	200 kg/ha
Prawn	0	0	0
Scampi	0	0	0
Shrimp	0	0	0

2.7 Details of Operational area / Villages (2016-17)

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, Amali, Bitada,	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, Dairy management through feeding, housing and Health 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, Arid horticulture, Dairy management through feeding, housing and Health management Integrated pest management Integrated Nutrient Management
2	Tilakwada	Tilakwada	Jesing-pura, Tilkavada, Nimpura Katkoi, Bujetha	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, Dairy management through feeding, housing and Health management
	Tilakwada	Tilakwada	Puchh-pura, Kunjetha, 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, Dairy management through feeding, housing and Health management
3	Sagbara	Sagbara	Nani Devrupen Moti Devrupen, Pat, Boradifali, Panchh Pipari	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, Dairy management through feeding, housing and Health management Integrated pest management Integrated Nutrient Management

			Nanadoramba, Motadoramba, Makram, Nana Kakadiamba, Turavadi, Bodvav	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, Dairy management through feeding, housing and Health management Integrated pest management Integrated Nutrient Management
4	Dediapada	Dediapada	Pansar, Navagam, Besana, Kankala Mota sukaamba Nivalda	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, Dairy management through feeding, housing and Health management
			Almavadi, Jambar, Bhatpur, Sejpur , Pamlapada	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, Dairy management through feeding, housing and Health management Integrated pest management Integrated Nutrient Management
			Kakarpada, Moti Kalbi, Haripura, Jamni, Samarpada, Kukadada, Chikada, Kevdi, Vadivav	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, Dairy management through feeding, housing and Health management Integrated pest management Integrated Nutrient Management

			Soliya Pangam Gajargota Ghantoli Koliwada	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, Dairy management through feeding, housing and Health management Integrated pest management Integrated Nutrient Management

2.8 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
Livestock	Dairy management through feeding, housing and Health management
Livestock	Popularizing the use of Concentrate mixture, mineral mixture and deworming

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2016-17

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Number of Farmers		Area (ha)		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
4	4	40	40	225	222.25	550	603

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	Achieve-ment	Targets	Achieve-ment	Targets	Achieve-ment
Farmers	30	31	1000	1197	150	153	10000	18218
Rural youth	1	1	25	30	--	--	--	--
Extn. Functionaries	1	1	25	25	--	--	--	--
Sponsored	10	13	400	498	--	--	--	--

Seed Production (Qtl.)		Planting material (Nos.)	
5		**6**	
Target	**Achievement**	**Target**	**Achievement**
Cereals	67.3	Vegetable Seedling	5,50,000
Oilseed	0.45	Fodder Grass	90,000
Pulses	32.05		00
Total	**99.8**		**6,40,000**

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	**Cotton**	Assessment of foliar application of KNO_3 to increase the yield and quality of Bt cotton in Narmadadistrict	10	10
Varietal Evaluation	**Soybean**	Assessment of different soybean varieties	10	10
Integrated Pest Management	**0**	**0**	0	0
	0	**0**	0	0
Integrated Crop Management	0	0	0	0
	0	0	0	0
Integrated Disease Management	0	0	0	0
	0	0	0	0
Small Scale Income Generation Enterprises	0	0	0	0
	0	0	0	0
Weed Management	0	0	0	0
	0	0	0	0
Resource Conservation Technology	0	0	0	0
	0	0	0	0
Farm Machineries	0	0	0	0
	0	0	0	0
Integrated Farming System	0	0	0	0
	0	0	0	0
Seed / Plant production	0	0	0	0
	0	0	0	0
Post Harvest Technology / Value addition	0	0	0	0
	0	0	0	0
Drudgery Reduction	0	0	0	0
	0	0	0	0
Storage Technique	0	0	0	0
	0	0	0	0
Others (Pl. specify)	0	0	0	0
	0	0	0	0
Total	0	0	16	16

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management	0	0	0	0
Evaluation of Breeds	0	0	0	0
Feed and Fodder management	0	0	0	0
Nutrition Management	0	0	0	0
Production and Management	0	0	0	0
Others (Pl. specify)	0	0	0	0
Total			**0**	**0**

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
0	0	0	0	0

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management	0	0	0	0
	0	0	0	0
Varietal Evaluation	0	0	0	0
	0	0	0	0
Integrated Pest Management	Pigeonpea	Effect of Bio intensive module against *Helicoverpa armigera* infesting Pigeonpea	10	10
	Castor	Effect of Bio intensive module against *Spodoptera litura* infesting Castor	10	10
Integrated Crop Management	0	0	0	0
	0	0	0	0
Integrated Disease Management	0	0	0	0
	0	0	0	0
Small Scale Income Generation Enterprises	0	0	0	0
	0	0	0	0
Weed Management	0	0	0	0
	0	0	0	0
Resource Conservation Technology	0	0	0	0
	0	0	0	0
Farm Machineries	0	0	0	0
	0	0	0	0
Integrated Farming System	0	0	0	0
	0	0	0	0
Seed / Plant production	0	0	0	0
	0	0	0	0
Value addition	0	0	0	0
	0	0	0	0
Drudgery Reduction	0	0	0	0
	0	0	0	0
Storage Technique	0	0	0	0
	0	0	0	0
Others (Pl. specify)	0	0	0	0
	0	0	0	0
Total			**20**	**20**

Summary of technologies refined under various livestock by KVKs

Thematic areas	**Name of the livestock enterprise**	**Name of the technology refined**	**No. of trials**	**No. of farmers**
Disease Management	0	0	0	0
Evaluation of Breeds	0	0	0	0
Feed and Fodder management	0	0	0	0
Nutrition Management	0	0	0	0
Production and Management	0	0	0	0
Others (Pl. specify)	0	0	0	0
Total			**0**	**0**

Summary of technologies refined under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
0	0	0	0	0
	0	0	0	0

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

INTEGRATED NUTRIANT MANAGEMENT

OFT 1

Problem definition: The area under Bt cotton is increasing continuously but The productivity is decreasing in cotton due to decreasing soil fertility especially micronutrients, imbalanced use of fertilizer and occurrences of physiological disorders like square dropping, square drying, leaf reddening etc. To overcome these constraints, additional nutrition through foliar feeding is required over and above the normal fertilizer recommendation.

Technology Assessed or Refined (as the case may be) : Assessment of foliar application of KNO3 to increase the yield and quality of Bt cotton in Narmada district

KVK, Dediapada, Dist.Narmada in Gujarat conducted on-farm trial to assess foliar application of KNO3 to increase the yield and quality of Bt cotton in Narmada district. The treatment T_2: 3 % KNO3 spraying at squaring, flowering and boll development is 15.7 and 5.7 % higher yield than T1: Farmers practice (No use of micronutrient) and T3 : Readymade Micro mix @ 25 gm/ 10 lit of water. Spraying of 3 % KNO_3 spraying at squaring, flowering and boll development gave the highest branches per plant, bolls per plant and yield as compared to other treatments. This treatment also gave the highest net return as well as B: C ratio as compared to other treatments.

Table : Assessment of foliar application of KNO3 to increase the yield and quality of Bt cotton in Narmada district

Technology option	No. of Trials	No.of branches/ plant	No. of Bolls/plant	Yield (Kg/ha)	Net return (Rs./ha)	B:C ratio
T_1: Farmers practice (No use of micronutrient)	10	15.8	68.6	1409	46087	4.2
T_2: 3 % KNO3 spraying at squaring, flowering and boll development		20.0	98.0	1630	54490	4.5
T_3 : Readymade Micro mix @ 25 gm/ 10 lit of water		18.6	92.0	1542	49506	3.9

Integrated Crop management

OFT 2

Problem definition: Soybean is the major oilseed crop of Gujarat that boosted the economy of the state. It has great potential as a *kharif* oilseed and has emerged as an important commercial oilseed. The area under soybean was very limited in tribal area of Gujarat due to non availability of seeds of improved variety. Farmers grow only one variety in this area. Farmers have no choice of variety in soybean. In these situations it is necessary to assess the feasibility of various soybean varieties in this area.

Technology Assessed or Refined (as the case may be) : Assessment of different soybean varieties

Table : Assessment of different soybean varieties

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
Soybean	Rainfed	- Low yield	10	T1 : GS-2	1. 100-seed/weight	13.6	KBS-344 gave 22.7, 15.4 and 12.5 % higher yield as compared to GS-2, GS-3 and JS-335
					2. No. of pod/plant	26.0	
					3. Yield (kg/ha)	1100	
				T2 : GS-3	1. 100-seed weight	14.5	
					2. No. of pod/plant	28.0	
					3. Yield (kg/ha)	1170	
				T3 : JS-335	1. 100-seed weight	14.7	
					2. No. of pod/plant	30.0	
					3. Yield (kg/ha)	1200	
				T4 : KBS-344	1. 100-seed weight	14.9	
					2. No. of pod/plant	32.0	
					3. Yield (kg/ha)	1350	

OFT 3

Problem definition: Farmers are frequently applying high dose of insecticides to manage *Helicoverpa armigera*, which leads to residual problem and its hazardous effect spoil environment as well as human health.

Technology Assessed or Refined (as the case may be) : Effect of Bio intensive module against *Helicoverpa armigera* infesting pigeonpea

KVK, Dediapada, Dist.Narmada in Gujarat conducted on-farm trial to assess Effect of Bio intensive module against *Helicoverpa armigera* infesting pigeonpea. T3- Bio intensive module was recorded less numbers of *H.armigera* larvae(4.56/pl), so percent pod damage also less and gave higher yield (19.22 Q/ha) with higher B:C ratio (3.92) as compared to T2- Recommended chemical and T1- Farmers method.

Table : Effect of Bio intensive module against *Helicoverpa armigera* infesting pigeonpea

Technology option	No. of Trials	*Heliothis* larvae/ Plant	Pod damage (%)	Yield (Kg/ha)	Net return (Rs./ha)	B:C ratio
T1- Farmers method : Frequently application of Chloropyriphos 20 EC at 10 days interval	10	27.89	9.82	15.70	25492	1.73
T2- Recommended chemical insecticides (Need based foliar application of Dichlorovos 76 EC)		19.5	4.87	17.25	31660	2.53
T3- Bio intensive module : (i) Monitoring through the Pheromone traps (ii) Installation of Bird perches @ 30-40/ha (iii) Hand collection of Egg mass, neonates, big size larvae (iv) Spraying of Neem based pesticides (v) Spraying of HNPV @ 250 LE/ha		4.56	3.23	19.22	39.203	3.92

OFT 4

Problem definition: Farmers are applying high dose of insecticides to manage Spodoptera litura, which leads to residual problem and its hazardous effect spoil environment as well as human health.

Technology Assessed or Refined (as the case may be) : Effect of Bio intensive module against Spodoptera litura infesting Castor

KVK, Dediapada, Dist.Narmada in Gujarat conducted on-farm trial to assess Effect of Bio intensive module against Spodoptera litura infesting Castor . T_3- Bio intensive module : recorded less numbers of Spodoptera larvae (13.6/pl) and less percent damage (2.45%) with higher yield (18.06 Q/ha) and gave higher B:C ratio (3.76) as compared to T2- Recommended chemical and T_1- Farmers method.

Table : Bio intensive module against *Spodoptera litura*infesting Castor.

Technology option	No. of Trials	*Spodoptera* larvae/pl	(%) Damaged capsule by castor borer	Yield (Kg/ha)	Net return (Rs./ha)	B:C ratio
T1- Farmers method : Frequently application of Chloropyriphos 20 EC at 10 days interval	10	37.8	7.15	15.7	25492	1.73
T2- Recommended chemical insecticides (Need based foliar application of Dichlorovos 76 EC)		24.6	4.12	17.25	31660	2.53
T3- Bio intensive module : (i)Monitoring through the Pheromone traps (ii)Installation of Bird perches @ 30-40/ha (iii)Hand collection of Egg mass, neonates, big size larvae (iv)Spraying of Neem based pesticides (v)Spraying of SNPV @ 250 LE/ha		13.6	2.45	18.6	37616	3.76

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2016-17 and recommended for large scale adoption in the district

Sr. 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	Gram (GG-3,PKV-2)	ICM	Improved variety	Demonstration and good quality Seed availability	25	81	32
2	Pigeon pea (BDN-711,Vaishali)	ICM	Improved variety	Demonstration and good quality Seed availability	20	78	31
3	Soyabean (JS-335,GS-3)	ICM	Improved variety	Demonstration and good quality Seed availability	17	65	25
4	Castor (NCH-1)	ICM	Improved variety	Demonstration and good quality Seed availability	6	15	5
5	Groundnut (GG-20)	ICM	Improved variety	Demonstration and good quality Seed availability	20	50	20
6	paddy (Purna,NAUR-4,GAR-1,GAR-3)	ICM	Improved variety	Demonstration and good quality Seed availability	30	105	46
7	Cotton (Bt-6,Bt-8,BG-II –H 12)	ICM	Improved variety	Demonstration and good quality Seed availability	30	101	36
8	Brinjal (Surati Ravaiya)	ICM	Improved variety	Demonstration and good quality Seed availability	10	31	11
9	Tamato (GT-2)	ICM	Improved variety	Demonstration and good quality Seed availability	5	15	5

b. Details of FLDs implemented during 2016-17 (Information is to be furnished in the following **three tables** for**each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.**)

Sr.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	Soybean (JS-335)	ICM	(Improved variety, INM and IPM)	Kharif-16	20	20	50	0	50	0
2	Soybean (GS-3)	ICM	Improved variety	Kharif-16	5	5	15	0	15	0
3	Castor (NCH-1)	ICM	Improved variety	Rabi-16	5	5	15	0	15	0
4	Groundnut (GG-20)	ICM	(Improved variety, INM and IPM)	Kharif-16	20	20	50	0	50	0
B	**Pulses**									
5	Gram (GG-3)	ICM	(Improved variety,	Rabi - 16	20	20	50	0	50	0

			INM and IPM)							
6	Gram (PKV-2)	ICM	Improved variety	Rabi-16	6	6	15	0	15	0
7	Pigeon pea (BDN-711)	ICM	Improved variety	Kharif-16	5	5	12	0	12	0
8	Pigeon pea (Vaishali)	ICM	(Improved variety, INM and IPM)	Kharif-16	20	20	50	0	50	0
C	**Other**									
9	Paddy (Drilled) (Purna)	ICM	Improved variety	Kharif-16	10	10	19	0	19	0
10	Paddy (T.P.) (NAUR-4)	ICM	Improved variety	Kharif-16	10	10	20	0	20	0
11	Paddy (T.P.) (GAR-3)	ICM	Improved variety	Kharif-16	10	10	20	0	20	0
12	Paddy (T.P.) (GAR-1)	ICM	Improved variety	Kharif-16	10	10	30	0	30	0
13	Cotton (Bt-6)	ICM	Improved variety	Kharif-16	10	10	25	0	25	0
14	Cotton (Bt-8)	ICM	Improved variety	Kharif-16	10	10	25	0	25	0
15	Cotton (BG-II H-12)	ICM	Improved variety	Kharif-16	10	10	25	0	25	0
D	**Plant Protection**									
16	Gram (Trichoderma)	IDM	Bio-component	Rabi 2016	6	6	16	0	16	0
17	Cotton	IPM	Bio-Pesticide	Kharif-16	6	6	16	0	16	0
18	Paddy	IPM	Bio-Pesticide	Kharif-16	6	6	16	0	16	0
19	Pigeon pea (Trichoderma)	IDM	Bio-component	Kharif-16	6	6	16	0	16	0
20	Brinjal (Pseudomonas)	IDM	Bio-component	Kharif-16	6	6	16	0	16	0
21	Paddy	IPM	Foliar application of pesticide	Kharif-16	6	6	16	0	16	0
22	Sorghum	IPM	Seed treatment	Kharif-16	6	6	16	0	16	0
E	**Horticulture**									
23	Brinjal	ICM	Varietal ,Bio-Fertilizer, Pesticide	Kharif-16	5	5	15	0	15	0
24	Tomato	ICM	Varietal ,Bio-Fertilizer, Pesticide	Kharif-16	5	5	15	0	15	0

25	Banana	ICM	Varietal,Bio-Fertilizer, Pesticide	Kharif-16	5	5	15	0	15	0
F	**Home Science**									
26	Vegetable Seed	Nutrition Health management	-	Kharif-16	0.25	0.25	25	0	25	0
27	Solar cooker(box type)	Drudgery Reduction	-	Kharif-16	-	-	10	0	10	0

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					
A	**Oil seed**										
Soybean	Kharif-16	Irrigated	Black	0	0	0	Paddy	17.07.16 to 20.07.16	20.10. 16 to 25.10. 16	731	42
Soybean	Kharif-16	Irrigated	Black	0	0	0	Pigeon pea	17.07.16 to 20.07.16	20.10. 16 to 25.10. 16	731	42
Castor	Rabi-16	Irrigated	Black	0	0	0	Pigeon pea	02.09.16 to 30.09.16	01.02.17 to 12.03.17	731	42
Groundnut	Kharif-16	Irrigated	Black	0	0	0	Paddy	02.07.16 to 30.07.16	01.11.17 to 12.11.17	731	42
B	**Pulses**										
Gram	Rabi - 16	Rainfed	Black	0	0	0	Paddy	02.11.16 to 30.11.16	01.01.17 to 12.01.17	731	42
Gram	Rabi-16	Rainfed	Black	0	0	0	Pigeon pea	15.11.16 to 31.11.16	15.01.17 to 28.01.17	731	42
Pigeon pea	Kharif-16	Rainfed	Black	0	0	0	Pigeon pea	15.07.16 to 31.07.16	15.02.17 to 28.02.17	731	42
Pigeon pea	Kharif-16	Rainfed	Black	0	0	0	Paddy	15.07.16 to 31.07.16	15.02.17 to 28.02.17	731	42
C	**Other**										
Paddy (Drilled)	Kharif-16	Rainfed	Black	0	0	0	Gram	1.07.16 to 14.07.16	02.11.16 to 23.11. 16	731	42
Paddy (T.P.)	Kharif-16	Rainfed	Black	0	0	0	Gram	1.07.16 to 14.07.16	02.11.16 to 23.11.16	731	42
Paddy (T.P.)	Kharif-16	Rainfed	Black	0	0	0	Gram	1.07.16 to 14.07. 16	02.11.16 to 3.11.16	731	42
Paddy (T.P.)	Kharif-16	Rainfed	Black	0	0	0	Gram	01.07.16 To 14.07.16	02.11.16 to 23.11.16	731	42

Cotton	Kharif-16	Rainfed	Black	0	0	0	Groundnut /sorghum	06.08.16 to 10.08. 16	16.02.17 to 6.02.17	731	42
Cotton	Kharif-16	Rainfed	Black	0	0	0	Groundnut/ paddy /tomato	06.08.16 to 20.08. 16	22.02.17 to 27.02.17	731	42
Cotton	Kharif-16	Rainfed	Black	0	0	0	Paddy	09.06.16 to 09.06.16	21.02.17 to 02.02.17	731	42
D	**Plant Protection**										
Gram	Rabi 2016	Rainfed	Black	0	0	0	Cotton	18.10. 16 to 20.10.16	18.01.17 to 20.01.17	731	42
Cotton	Kharif-16	Rainfed	Black	0	0	0	Pigeon pea	12.07.16 to 27.07.16	12.02.17 to 29.02.17	731	42
Paddy	Kharif-16	Rainfed	Black	0	0	0	Paddy	10.07. 16 to 12.07.16	18.11.16 to 20.11.16	731	42
Pigeon pea	Kharif-16	Rainfed	Black	0	0	0	Groundnut /sorghum	06.08.16 to 10.08. 16	16.02.17 to 06.02.17	731	42
Brinjal	Kharif-16	Rainfed	Black	0	0	0	Groundnut /sorghum	06.07.16 to 10.07.16	16.01.17 to 06.01.17	731	42
Paddy	Kharif-16	Rainfed	Black	0	0	0	Cotton	18.07.16 to 20.07.16	18.11.16 to 20.11.16	731	42
Sorghum	Kharif-16	Rainfed	Black	0	0	0	Pigeon pea	12.07.16 to 27.07. 16	12.11.16 to 29.11. 16	731	42
E	**Horticulture**										
Brinjal	Kharif	Irrigated	Black	0	0	0	Pigeon pea	06.07.16 to 10.07.16	16.01.17 to 06.01.17	731	42
Tomato	Kharif	Irrigated	Black	0	0	0	Pigeon pea	06.08.16 to 10.08.16	16.01.17 to 06.01.17	731	42
Banana	Kharif	Irrigated	Black	0	0	0	Pigeon pea	06.08.16 to 10.08.16	Standing	731	42
F	**Home Science**										
Vegetable Seed	Kharif-16	Rainfed	Black	0	0	0	Pigeonpea	06.08. 16to 10.08.16	16.01.17 to 06.01.17	731	42

Technical Feedback on the demonstrated technologies

Sr. No	Feed Back
1. Paddy	-Requirement of fine grain variety. -Suitable local rainfed variety. -High yielding variety for rainfed farming -Development of variety suitable undulating land -Development suitable mix/intercropping module for rainfed. -Development of agro technique for local varieties.
2. Pigeon pea	-Most preferred variety as it gives continuous flowering. -Susceptible to pod fly incidence of Marucatestulis was observed. -High yielding variety for rainfed farming. -Development of late Kharif variety(Due to late sowing) -Development of variety suitable undulating land. -Development suitable mix/intercropping module for rainfed.
3. Sorghum	-High yielding variety for rainfed farming. -Development of variety suitable undulating land.

	-Development suitable mix/intercropping module for rainfed.
4. Cotton	-High yielding variety for rainfed farming. -Development suitable mix/intercropping module for rainfed.
5. Green gram	-Suitable local rainfed variety.
6. Vegetable	-Development of variety suitable undulating land. -Suitable local rainfed variety. -Wilt resistant variety.
7.Solar cooker	-Drudgery reduction for cooking and collection of wood, do not require continues presence of cooking -It provides better and more nutritious food due to slow cooking and there is no fear of scorching the food
8.Kitchen garden	Availability of fresh vegetables

Farmers' reactions on specific technologies.

S.N.	Crop	Variety	Feed Back
1	Paddy	IR-28	- Good performance in water scare condition - Good grain quality - High straw yield - Early maturity
2	Paddy	GAR-3	- Good performance in water scare condition - Good grain quality - High straw yield - Early maturity
3	Paddy	Purna	-More grain yield -Suitable in rainfed farming -Lodging less than GR-5
3	Pigeon pea	Vaishali	-Most preferred variety as it gives continuous flowering. -Susceptible to pod fly Incidence of *Maruca testulis* was observed. -Wilt Resistance -More yield as compared to local
4	Groundnut	GG-20	-More number of pod -Suitable in rainfed farming -Good pod yield
5	Cotton	BT-6	-More number of balls and branches, -Suitable in rainfed farming
5	Cotton	BT-8	-More number of balls and branches, -Suitable in irrigated farming
6	Pigeon pea	GT-101	-Wilt and Sterility Mosaic Resistance -More yield as compared to local
7	Paddy (TP)	GNR-2 NAUR-1	-More tillers and logging problem is less, -Good quality of grain -Higher yield and may compete to hybrid paddy with SRI method -Early maturity -Higher production
8	Soybean	JS-335	- More grain yield - Good grain quality
9.	Kitchen garden	Seed & seedlings	Continuous supply of fresh vegetables at lower cost throughout the year.
10.	Solar cooker	Box type solar cooker	-100 % fuel saving -Hygienic -Conserves conventional energy.

Extension and Training activities under FLD

Sr. No.	Activity	No. of activities organized	Date	Number of participants
1	Field days	Kitchen Garden	23-09-2016	20
		Paddy (MGMG)	30-09-2016	25
		Cotton INM	06-10-2016	19
		Paddy (GAR-1)	30-09-2016	22
		Soyabean (JS-335)	29-09-2016	35
		Paddy Purna	28-09-2016	25
		Paddy IPM	10-10-2016	21
		Groundnut-NMOOP	07-10-2016	42
		Kitchen Garden	29-09-2016	20
		Brinjal (Bio component)	26-10-2016	28
		Paddy (GAR-3)	19-10-2016	29
		Paddy (GAR-4)	15-10-2016	15
		Cotton Improve BT-8	07-11-2016	12
		Cotton Improve BT-6	05-11-2016	15
		Field dayPigeon peaVaishali	19-11-2016	22
		Field dayPigeon pea (Bio component)	24-11-2016	37
		Field day Solar cooker	09-12-2016	26
		Field day Gram	21-02-2017	24
		Field day Wheat	21-02-2017	22
		Field day Solar cooker	27-02-2017	31
		Field day Solar cooker	27-02-2017	25
		Field day Solar cooker	03-03-17	26
2	Farmers &farm women Training			

Sr. No.	Discipline	Training	No of Participate
On Campus			
1	Agronomy	Improved agronomic practices for the successful cultivation of Kharif Groundnut	66
2	Agronomy	Nursery raising for Kharif crops	50
3	Agronomy	Seed production techniques in paddy (NAUR-4 & GNR-1) for achieving higher output	20
4	Horticulture	Sowing and management of vegetables in kitchen garden	25
5	Horticulture	Scientific cultivation practices of brinjal	31
6	Horticulture	Proper planning, planting and management of orchards.	43
7	Plant Protection	Enhancement of productivity of paddy through Seed treatment	25
8	Plant Protection	Home-based production and use of Botanical Bio-pesticides in brinjal	28
9	Plant Protection	Insecticide Resistance Management in field and vegetable crops	30
10	Home Science	Cultivation of nutrient rich vegetables in Nutritional Garden to maintain food and nutritional security	27
11	Home Science	Importance of balanced diet and prevention of anemia in young girls.	27
12	Home Science	Energy conservation through solar cookers and preparation of recipes	25
13	Home Science	Drudgery reduction technologies for farm women	30
14	Home Science	Processing and preservation of Amla	123

15	Animal science	Health care practices for buffalo & cross bred Cattle	17
16	Animal science	Feeding management of dairy animals.	60
17	Animal science	Care of dairy animals	30
18	Ext. Education	Marketing of Agriculture produce	50
Off Campus Training			
19	Agronomy	Soil & water analysis	49
20	Agronomy	Seed production technology of soyabean & weed management in soybean	58
21	Agronomy	Weed management in green gram & maize	38
22	Plant Protection	Integrated Pest and Disease management in Okra and Brinjal	51
23	Plant Protection	Methods and use of *Trichoderma* through different organic waste	25
24	Plant Protection	Integrated Pest and Disease Management in Cotton	25
25	Home Science	Nutritious recipes from sprouted grains	25
26	Home science	Introduction to nutritional deficiencies in children and method demonstration of ORS to prevent diarrhoea	51
27	Home science	Balanced diet and different nutrient rich recipes for pregnant & lactating women	34
28	Home Science	Importance of SHG and different entrepreneurial activities	44
29	Horticulture	Nursery raising	29
30	Horticulture	Method of Vermi-compost production	30
31	Horticulture	Production and Management Technology-Banana	61
Vocational Training			
32	Income generation activities for empowerment of rural Women	Preparation and storage of different spices	25
33	Rural youth	Mushroom cultivation through low cost technology	30
In-service Training			
34	Aanganwadi workers	Processing and preservation of soyabean products	25
3	Media Coverage	Nil	
4	Training for extension functionary	Nil	
		TOTAL	**1307**

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Technology Demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average										
Castor (NCH-1)	ICM	Improved variety	15	5	18.9	18.5	18.9	16.4	15.24	30000	56700	26700	1.89	28500	49200	20700	1.73
Groundnut (GG-20)	ICM	Improved variety,Bio-fertilizer, Bio-pesticides	50	20	11.2	10.6	11.0	9.00	22.00	25450	46750	21300	1.84	23500	38250	14750	1.63
Soybean (JS-335)	ICM	Improved variety,Bio-fertilizer, Bio-pesticides	50	20	16.5	16.4	16.50	13.6	21.32	24000	49500	25500	2.06	22800	40800	18000	1.79
Soybean (GS-3)	ICM	Improved variety	15	5	16.6	14.9	15.8	12.8	23.44	24200	44240	20040	1.83	23200	35840	12640	1.54
Cotton (Bt-6)	ICM	Improved variety	25	10	10.2	8.6	9.6	8.3	15.66	21500	36480	14980	1.70	20800	31540	10740	1.52
Cotton (Bt-8)	ICM	Improved variety	25	10	12.8	10.5	11.6	9.7	19.59	21500	44080	22580	2.05	20800	36860	16060	1.77
Cotton(BG-II H-12)	ICM	Improved variety	25	10	12.2	8.5	11.3	9.7	16.49	21793	42940	21147	1.97	21200	36860	15660	1.74
Cotton	IPM	Bio-pesticides	16	6	13.1	10.5	12.2	10	22.00	21500	46360	24860	2.16	20000	38000	18000	1.90

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average										
Gram (GG-3)	ICM	Improved variety,Bio-fertilizer, Bio-pesticides	50	20	12.6	10.6	11.6	9.19	26.22	25000	46400	21400	1.86	23100	36760	13660	1.59
Gram (PKV-2)	ICM	Improved variety	15	6	15.5	12.8	13.8	10.8	27.78	25000	57960	32960	2.32	23500	43200	19700	1.84
Pigeon pea (BDN-711)	ICM	Improved variety	12	5	16.8	16.7	16.8	14.53	15.62	28500	84000	55500	2.95	25800	72650	46850	2.82
Pigeon pea (Vaishali)	ICM	Improved variety,Bio-fertilizer, Bio-pesticides	50	20	17.9	15.5	16.9	14.8	14.19	29000	84500	55500	2.91	27000	74000	47000	2.74
Pigeon pea (*Trichoderma*)	IDM	Bio-pesticides	16	6	15.5	14.9	17.9	16.74	6.93	29700	89500	59800	3.01	29000	83700	54700	2.89
Gram (*Trichoderma*)	IDM	Bio-pesticides	16	6	17.6	15.6	16.6	15.65	6.07	20000	42330	22330	2.12	19600	39908	20308	2.04

***** Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy (Driled) (Purna)	ICM	Improved variety	19	10	14.1	11.6	14.1	12.2	15.57	0	0	11200	19740	8540	1.76	10000	17080	7080	1.71
Paddy(T.P) (NAUR-4)	ICM	Improved variety	20	10	35.45	33.25	22.42	18.6	20.54	0	0	16200	31388	15188	1.94	15000	26040	11040	1.74
Paddy(T.P) (GAR-1)	ICM	Improved variety	20	10	35.9	29.6	33.1	27.9	18.64	0	0	16200	46340	30140	2.86	15000	39060	24060	2.60
Paddy(T.P) (GAR-3)	ICM	Improved variety	30	10	34.2	30.23	34.2	28.4	20.42	0	0	16200	47880	31680	2.96	15000	39760	24760	2.65
Paddy (Sheath mite)	ICM	Improved variety	16	6	35.5	30.45	33.8	31.9	5.96	0	0	16000	47320	31320	2.96	15500	44660	29160	2.88
Paddy	IPM	Bio-pesticides,	16	6	37.5	32.5	33.17	30.08	10.27	0	0	17700	46438	28738	2.62	17200	42112	24912	2.45
Barley	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maize	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranth	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Millets	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jowar	IPM	Seed Treatment	16	6	15.5	10.8	13.5	12.3	9.76	0	0	14000	27000	13000	1.93	13500	24600	11100	1.82
Bajra	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnyard millet	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finger millet	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vegetables	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bottlegourd	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bittergourd	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cowpea	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Spongegourd	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brinjal (Surti ravaiya)	ICM	Improved variety, Bio-fertilizers	16	6	245	239	243	213	14.08			62000	121500	59500	1.96	60000	106500	46500	1.78
Tomato (GT-2)	ICM	Improved variety, Bio-fertilizers	15	5	244	236	296	245	20.82	0	0	55000	118400	63400	2.15	52000	98000	46000	1.88
Brinjal (Gulabi)	ICM	Improved variety, Bio-fertilizers	15	5	246	240	245	208	17.79	0	0	63000	122500	59500	1.94	60500	104000	43500	1.72
Banana	ICM	Improved variety, Bio-fertilizers	15	5	**Standing Crop**														
Vegetable pea	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Softgourd	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okra	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Colocasia (Arvi)	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broccoli	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumber	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Onion	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coriender	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabbage	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cauliflower	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elephant fruit	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flower crops	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marigold	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bela	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tuberose	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gladiolus	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fruit crops	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mango	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Strawberry	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guava	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Banana	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Papaya	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muskmelon	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Watermelon	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spices & condiments	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ginger	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Garlic	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turmeric	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Crops	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugarcane	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potato	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicinal & aromatic plants	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentholment	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kalmegh	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ashwagandha	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder Crops	--	--																	
Sorghum (F)	--	--	0	0	0	0	0	0	0	0	0								
Cowpea (F)	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maize (F)	--	--	0	0	0	0	0	0	0	0	0								
Hybrid Napier	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lucern	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oat (F)	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buffalo	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buffalo Calf	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep & Goat	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vaccination	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed Management	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Button Mushroom	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apiculture	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maize Sheller	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Value Addition	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi Compost	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Seeds & seedlings of vegetables	Nutritional Security by kitchen gardening	Nutritional management	26	25	40.65	23.5	36.48	-	-	257	2032	1775	3.95	175	1175	1000	3.35

FLD on solar cooker(Details of FLDs implemented during 2016-17)

Categories	With Conventional cooking/ member/month		With Solar cooking/ member/month		Saving/ member/month	
	Energy	Cost	Energy	Cost	Energy	Cost
Fire Wood	5 kg	100	2.5 Kg	50	2.5 kg.	50
Kerosene	1	50	.5 lit	25	.5 lit	25
LPG cylinder	1.5 kg	75	0.75	38	0.75	38

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2016-17)

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop	--	0	0	0	0	0	0	0	0	0	0	0	0
Pulse crop	--	0	0	0	0	0	0	0	0	0	0	0	0
Cereal crop	--	0	0	0	0	0	0	0	0	0	0	0	0
Vegetable crop	--	0	0	0	0	0	0	0	0	0	0	0	0
Fruit crop	--	0	0	0	0	0	0	0	0	0	0	0	0
Other (specify)	--	0	0	0	0	0	0	0	0	0	0	0	0

Note : Remove the Enterprises/crops which have not been shown

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	00	00	00	04	04	08	04	04	08
Resource Conservation Technologies		00	00	00	00	00	00	00	00	00
Cropping Systems	1	00	00	00	50	00	50	50	00	50
Crop Diversification	1	00	00	00	20	00	20	20	00	20
Integrated Farming		00	00	00	00	00	00	00	00	00
Micro Irrigation/irrigation		00	00	00	00	00	00	00	00	00
Seed production		00	00	00	00	00	00	00	00	00
Nursery management		00	00	00	00	00	00	00	00	00
Integrated Crop Management		00	00	00	00	00	00	00	00	00
Soil & water conservation	1	00	00	00	21	04	25	21	04	25
Integrated nutrient management		00	00	00	00	00	00	00	00	00
Production of organic inputs		00	00	00	00	00	00	00	00	00
Others (pl specify)		00	00	00						
Total	**4**	00	00	00	**95**	**08**	**103**	**95**	**08**	**103**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	00	00	00	00	00	00	00	00	00	00
Off-season vegetables	00	00	00	00	00	00	00	00	00	00
Nursery raising	00	00	00	00	00	00	00	00	00	00
Exotic vegetables	00	00	00	00	00	00	00	00	00	00
Export potential vegetables	00	00	00	00	00	00	00	00	00	00
Grading and standardization	00	00	00	00	00	00	00	00	00	00
Protective cultivation	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (a)	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
b) Fruits										
Training and Pruning	00	00	00	00	00	00	00	00	00	00
Layout and Management of Orchards	00	00	00	00	00	00	00	00	00	00

Cultivation of Fruit	01	00	00	00	31	00	31	31	00	31
Management of young plants/orchards	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00
Export potential fruits	01	00	00	00	39	04	43	39	04	43
Micro irrigation systems of orchards	00	00	00	00	00	00	00	00	00	00
Plant propagation techniques	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (b)	**02**	**00**	**00**	**00**	**70**	**04**	**74**	**70**	**04**	**74**
c) Ornamental Plants										
Nursery Management	01	00	00	00	48	07	55	48	07	55
Management of potted plants	00	00	00	00	00	00	00	00	00	00
Export potential of ornamental plants	00	00	00	00	00	00	00	00	00	00
Propagation techniques of Ornamental Plants	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (c)	**01**	**00**	**00**	**00**	**48**	**07**	**55**	**48**	**07**	**55**
d) Plantation crops										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (d)	00	00	00	00	00	00	00	00	00	00
e) Tuber crops										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (e)	00	00	00	00	00	00	00	00	00	00
f) Spices										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (f)	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
g) Medicinal and Aromatic Plants										
Nursery	00	00	00	00	00	00	00	00	00	00

management										
Production and management technology	00	00	00	00	00	00	00	00	00	00
Post harvest technology and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (g)	00	00	00	00	00	00	00	00	00	00
GT (a-g)	**03**	00	00	00	**118**	**11**	**129**	**118**	**11**	**129**
III Soil Health and Fertility Management										
Soil fertility management	00	00	00	00	00	00	00	00	00	00
Integrated water management	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient Management	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00
Management of Problematic soils	00	00	00	00	00	00	00	00	00	00
Micro nutrient deficiency in crops	00	00	00	00	00	00	00	00	00	00
Nutrient Use Efficiency	00	00	00	00	00	00	00	00	00	00
Balance use of fertilizers	00	00	00	00	00	00	00	00	00	00
Soil and Water Testing	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
IV Livestock Production and Management										
Dairy Management	00	00	00	00	00	00	00	00	00	00
Poultry Management	00	00	00	00	00	00	00	00	00	00
Piggery Management	00	00	00	00	00	00	00	00	00	00
Rabbit Management	00	00	00	00	00	00	00	00	00	00
Animal Nutrition Management	01	00	00	00	00	17	17	00	17	17
Disease Management	00	00	00	00	00	00	00	00	00	00
Feed & fodder technology	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	01	00	00	00	44	16	60	44	16	60
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**02**	00	00	00	**44**	**33**	**77**	**44**	**33**	**77**
V Home Science/Women empowerment										

Household food security by kitchen gardening and nutrition gardening	01	00	00	00	00	27	27	00	27	27
Design and development of low/minimum cost diet	01	00	00	00	00	27	27	00	27	27
Designing and development for high nutrient efficiency diet	01	00	00	00	00	25	25	00	25	25
Minimization of nutrient loss in processing	01	00	00	00	00	30	30	00	30	30
Processing and cooking	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00
Storage loss minimization techniques	00	00	00	00	00	00	00	00	00	00
Value addition	00	00	00	00	00	00	00	00	00	00
Women empowerment		00	00	00	00	00	00	00	00	00
Location specific drudgery reduction technologies	01	00	00	00	00	123	123	00	123	123
Rural Crafts	00	00	00	00	00	00	00	00	00	00
Women and child care	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**05**	**00**	**00**	**00**	**00**	**232**	**232**	**00**	**232**	**232**
VI Agril. Engineering										
Farm Machinary and its maintenance	00	00	00	00	00	00	00	00	00	00
Installation and maintenance of micro irrigation systems	00	00	00	00	00	00	00	00	00	00
Use of Plastics in farming practices	00	00	00	00	00	00	00	00	00	00
Production of small tools and implements	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Small scale processing and value addition	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00

Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
VII Plant Protection										
Integrated Pest Management	01	00	00	00	21	04	25	21	04	25
Integrated Disease Management	01	00	00	00	24	04	28	24	04	28
Bio-control of pests and diseases	01	00	00	00	29	01	30	29	01	30
Production of bio control agents and bio pesticides	00	00	00	00	00	00	00	00	00	00
Others (pl specify)		00	00	00	00	00	00	00	00	00
Total	**03**	00	00	00	**74**	**09**	**83**	**74**	**09**	**83**
VIII Fisheries										
Integrated fish farming	00	00	00	00	00	00	00	00	00	00
Carp breeding and hatchery management	00	00	00	00	00	00	00	00	00	00
Carp fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Hatchery management and culture of freshwater prawn	00	00	00	00	00	00	00	00	00	00
Breeding and culture of ornamental fishes	00	00	00	00	00	00	00	00	00	00
Portable plastic carp hatchery	00	00	00	00	00	00	00	00	00	00
Pen culture of fish and prawn	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00
Edible oyster farming	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00
Fish processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
IX Production of Inputs at site										
Seed Production	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00
Bio-agents production	00	00	00	00	00	00	00	00	00	00
Bio-pesticides production	00	00	00	00	00	00	00	00	00	00
Bio-fertilizer production	00	00	00	00	00	00	00	00	00	00
Vermi-compost production	00	00	00	00	00	00	00	00	00	00

Organic manures production	00	00	00	00	00	00	00	00	00	00
Production of fry and fingerlings	00	00	00	00	00	00	00	00	00	00
Production of Bee-colonies and wax sheets	00	00	00	00	00	00	00	00	00	00
Small tools and implements	00	00	00	00	00	00	00	00	00	00
Production of livestock feed and fodder	00	00	00	00	00	00	00	00	00	00
Production of Fish feed	00	00	00	00	00	00	00	00	00	00
Mushroom Production	00	00	00	00	00	00	00	00	00	00
Apiculture	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
X Capacity Building and Group Dynamics										
Leadership development	00	00	00	00	00	00	00	00	00	00
Group dynamics	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	00	00	00	00	00	00	00	00	00	00
Mobilization of social capital	00	00	00	00	00	00	00	00	00	00
Entrepreneurial development of farmers/youths	01	00	00	00	00	50	00	00	00	50
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**01**	00	00	00	**00**	**50**			**00**	**50**
XI Agro-forestry										
Production technologies	00	00	00	00	00	00	00	00	00	00
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Farming Systems	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
GRAND TOTAL	**18**	**00**	**00**	**00**	**331**	**343**	**674**	**331**	**343**	**674**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	01	00	00	00	44	05	49	44	05	49
Resource Conservation Technologies		00	00	00						

Cropping Systems	01	00	00	00	57	01	58	57	01	58
Crop Diversification	00	00	00	00	00	00	00	00	00	00
Integrated Farming	01				37	01	38	37	01	38
Micro Irrigation/irrigation	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	00	00	00	00	00	00	00	00	00	00
Soil & water conservatioin	00	00	00	00	00	00	00	00	00	00
Integrated nutrient management	00	00	00	00	00	00	00	00	00	00
Production of organic inputs	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**03**	00	00	00	**138**	**07**	**145**	**137**	**07**	**145**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	00	00	00	00	00	00	00	00	00	00
Off-season vegetables	00	00	00	00	00	00	00	00	00	00
Nursery raising	01	00	00	00	18	11	29	18	11	29
Exotic vegetables	00	00	00	00	00	00	00	00	00	00
Export potential vegetables	01	00	00	00	28	02	30	28	02	30
Grading and standardization	00	00	00	00	00	00	00	00	00	00
Protective cultivation	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (a)	**02**				**46**	**13**	**59**	**46**	**13**	**59**
b) Fruits										
Training and Pruning	00	00	00	00	00	00	00	00	00	00
Layout and Management of Orchards	00	00	00	00	00	00	00	00	00	00
Cultivation of Fruit	00	00	00	00	00	00	00	00	00	00
Management of young plants/orchards	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00
Export potential fruits	00	00	00	00	00	00	00	00	00	00
Micro irrigation systems of orchards	00	00	00	00	00	00	00	00	00	00
Plant propagation techniques	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (b)	00	00	00	00	00	00	00	00	00	00
c) Ornamental Plants										00
Nursery Management	00	00	00	00	00	00	00	00	00	00
Management of potted plants	00	00	00	00	00	00	00	00	00	00
Export potential of ornamental plants	00	00	00	00	00	00	00	00	00	00
Propagation techniques of Ornamental Plants	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (c)	00	00	00	00	00	00	00	00	00	00

d) Plantation crops										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (d)	00	00	00	00	00	00	00	00	00	00
e) Tuber crops										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (e)	00	00	00	00	00	00	00	00	00	00
f) Spices	00	00	00	00	00	00	00	00	00	00
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (f)	00	00	00	00	00	00	00	00	00	00
g) Medicinal and Aromatic Plants										00
Nursery management	00	00	00	00	00	00	00	00	00	00
Production and management technology	00	00	00	00	00	00	00	00	00	00
Post harvest technology and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (g)	00	00	00	00	00	00	00	00	00	00
GT (a-g)	**02**	00	00	00	**46**	**13**	**59**	**46**	**13**	**59**
III Soil Health and Fertility Management										
Soil fertility management	00	00	00	00	00	00	00	00	00	00
Integrated water management	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient Management	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00
Management of Problematic soils	00	00	00	00	00	00	00	00	00	00
Micro nutrient deficiency in crops	00	00	00	00	00	00	00	00	00	00
Nutrient Use Efficiency	00	00	00	00	00	00	00	00	00	00
Balance use of fertilizers	00	00	00	00	00	00	00	00	00	00
Soil and Water Testing	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
IV Livestock Production and Management										
Dairy Management	00	00	00	00	00	00	00	00	00	00
Poultry Management	00	00	00	00	00	00	00	00	00	00
Piggery Management	00	00	00	00	00	00	00	00	00	00
Rabbit Management	00	00	00	00	00	00	00	00	00	00
Animal Nutrition	00	00	00	00	00	00	00	00	00	00

Management										
Disease Management	00	00	00	00	00	00	00	00	00	00
Feed & fodder technology	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	00	00	00	00	25	25	00	25	25
Design and development of low/minimum cost diet	01	00	00	00	00	51	51	00	51	51
Designing and development for high nutrient efficiency diet	00	00	00	00	00	00	00	00	00	00
Minimization of nutrient loss in processing	00	00	00	00	00	00	00	00	00	00
Processing and cooking	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00
Storage loss minimization techniques	00	00	00	00	00	00	00	00	00	00
Value addition	01				00	34	34	00	34	34
Women empowerment										
Location specific drudgery reduction technologies	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00
Women and child care	01	00	00	00	00	44	44	00	44	44
Others (pl specify)		00	00	00						
Total	**04**	00	00	00	**00**	**154**	**154**	**00**	**154**	**154**
VI Agril. Engineering										
Farm Machinary and its maintenance	00	00	00	00	00	00	00	00	00	00
Installation and maintenance of micro irrigation systems	00	00	00	00	00	00	00	00	00	00
Use of Plastics in farming practices	00	00	00	00	00	00	00	00	00	00
Production of small tools and implements	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Small scale processing and value addition	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
VII Plant Protection										
Integrated Pest Management	01	00	00	00	57	07	64	57	07	64

Integrated Disease Management	01	00	00	00	43	08	51	43	08	51
Bio-control of pests and diseases	01	00	00	00	25	00	25	25	00	25
Production of bio control agents and bio pesticides	01	00	00	00	25	00	25	25	00	25
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**04**	00			**150**	**15**	**165**	**150**	**15**	**165**
VIII Fisheries										
Integrated fish farming	00	00	00	00	00	00	00	00	00	00
Carp breeding and hatchery management	00	00	00	00	00	00	00	00	00	00
Carp fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Hatchery management and culture of freshwater prawn	00	00	00	00	00	00	00	00	00	00
Breeding and culture of ornamental fishes	00	00	00	00	00	00	00	00	00	00
Portable plastic carp hatchery	00	00	00	00	00	00	00	00	00	00
Pen culture of fish and prawn	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00
Edible oyster farming	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00
Fish processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
IX Production of Inputs at site										
Seed Production	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00
Bio-agents production	00	00	00	00	00	00	00	00	00	00
Bio-pesticides production	00	00	00	00	00	00	00	00	00	00
Bio-fertilizer production	00	00	00	00	00	00	00	00	00	00
Vermi-compost production	00	00	00	00	00	00	00	00	00	00
Organic manures production	00	00	00	00	00	00	00	00	00	00
Production of fry and fingerlings	00	00	00	00	00	00	00	00	00	00
Production of Bee-colonies and wax sheets	00	00	00	00	00	00	00	00	00	00
Small tools and implements	00	00	00	00	00	00	00	00	00	00
Production of livestock feed and fodder	00	00	00	00	00	00	00	00	00	00
Production of Fish feed	00	00	00	00	00	00	00	00	00	00
Mushroom Production	00	00	00	00	00	00	00	00	00	00
Apiculture	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00

X Capacity Building and Group Dynamics										
Leadership development	00	00	00	00	00	00	00	00	00	00
Group dynamics	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	00	00	00	00	00	00	00	00	00	00
Mobilization of social capital	00	00	00	00	00	00	00	00	00	00
Entrepreneurial development of farmers/youths	00	00	00	00	00	00	00	00	00	00
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
XI Agro-forestry										00
Production technologies	00	00	00	00	00	00	00	00	00	00
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Farming Systems	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
GRAND TOTAL	**13**	00	00	00	**334**	**189**	**523**	**333**	**189**	**523**

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	02	00	00	00	48	09	57	48	09	57
Resource Conservation Technologies	00	00	00	00	00	00	00	00	00	00
Cropping Systems	02	00	00	00	107	01	108	107	01	108
Crop Diversification	01	00	00	00	20	00	20	20	00	20
Integrated Farming	01	00	00	00	37	01	38	37	01	38
Micro Irrigation/irrigation	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	01	00	00	00	21	04	25	21	04	25
Soil & water conservation	00	00	00	00	00	00	00	00	00	00
Integrated nutrient management	00	00	00	00	00	00	00	00	00	00
Production of organic inputs	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**07**	00	00	00	**233**	**15**	**248**	**233**	**15**	**248**
II Horticulture										
a) Vegetable Crops										
Production of low value and high volume crops	00	00	00	00	00	00	00	00	00	00
Off-season vegetables	00	00	00	00	00	00	00	00	00	00
Nursery raising	01	00	00	00	18	11	29	18	11	29
Exotic vegetables	00	00	00	00						
Export potential vegetables	01	00	00	00	28	02	30	28	02	30
Grading and standardization	00	00	00	00	00	00	00	00	00	00
Protective cultivation	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (a)	**02**	00	00	00	**46**	**13**	**59**	**46**	**13**	**59**
b) Fruits										
Training and Pruning	00	00	00	00	00	00	00	00	00	00
Layout and Management of Orchards	00	00	00	00	00	00	00	00	00	00
Cultivation of Fruit	01	00	00	00	31	00	31	31	00	31
Management of young plants/orchards	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00
Export potential fruits	01				39	04	43	39	04	43
Micro irrigation systems of orchards	00	00	00	00	00	00	00	00	00	00
Plant propagation techniques	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (b)	**02**	**00**	**00**	**00**	**70**	**04**	**74**	**70**	**04**	**74**
c) Ornamental Plants										
Nursery Management	01	00	00	00	48	07	55	48	07	55
Management of potted plants	00	00	00	00	00	00	00	00	00	00
Export potential of ornamental plants	00	00	00	00	00	00	00	00	00	00
Propagation techniques of Ornamental Plants	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (c)	**01**	**00**	**00**	**00**	**48**	**07**	**55**	**48**	**07**	**55**

d) Plantation crops										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (d)	00	00	00	00	00	00	00	00	00	00
e) Tuber crops										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (e)	00	00	00	00	00	00	00	00	00	00
f) Spices										
Production and Management technology	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (f)	00	00	00	00	00	00	00	00	00	00
g) Medicinal and Aromatic Plants										
Nursery management	00	00	00	00	00	00	00	00	00	00
Production and management technology	00	00	00	00	00	00	00	00	00	00
Post harvest technology and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total (g)	00	00	00	00	00	00	00	00	00	00
GT (a-g)	**05**	**00**	**00**	**00**	**164**	**24**	**188**	**164**	**24**	**188**

III Soil Health and Fertility Management										
Soil fertility management	00	00	00	00	00	00	00	00	00	00
Integrated water management	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient Management	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00
Management of Problematic soils	00	00	00	00	00	00	00	00	00	00
Micro nutrient deficiency in crops	00	00	00	00	00	00	00	00	00	00
Nutrient Use Efficiency	00	00	00	00	00	00	00	00	00	00
Balance use of fertilizers	00	00	00	00	00	00	00	00	00	00
Soil and Water Testing	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
IV Livestock Production and Management										
Dairy Management	01	00	00	00	00	17	17	00	17	17
Poultry Management	00	00	00	00	00	00	00	00	00	00
Piggery Management	00	00	00	00	00	00	00	00	00	00
Rabbit Management	00	00	00	00	00	00	00	00	00	00
Animal Nutrition Management	00	00	00	00	00	00	00	00	00	00
Disease Management	00	00	00	00	00	00	00	00	00	00
Feed & fodder technology	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	01	00	00	00	44	16	60	44	16	60
Others (pl specify)	00	00	00	00	00	00	00	00	00	00

Total	**02**	00	00	00	**44**	**33**	**77**	**44**	**33**	**77**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	02	00	00	00	00	52	52	00	52	52
Design and development of low/minimum cost diet	02	00	00	00	00	78	78	00	78	78
Designing and development for high nutrient efficiency diet	01	00	00	00	000	25	25	000	25	25
Minimization of nutrient loss in processing	01	00	00	00	00	30	30	00	30	30
Processing and cooking	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00
Storage loss minimization techniques	00	00	00	00	00	00	00	00	00	00
Value addition	01	00	00	00	00	34	34	00	34	34
Women empowerment	01	00	00	00	00	123	123	00	123	123
Location specific drudgery reduction technologies	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00
Women and child care	01	00	00	00	00	44	44	00	44	44
Others (pl specify)		00	00	00	00	00	00	00	00	00
Total	**09**	**00**	**00**	**00**	**00**	**386**	**386**	**00**	**386**	**386**
VI Agril. Engineering										
Farm Machinary and its maintenance	00	00	00	00	00	00	00	00	00	00
Installation and maintenance of micro irrigation systems	00	00	00	00	00	00	00	00	00	00
Use of Plastics in farming practices	00	00	00	00	00	00	00	00	00	00
Production of small tools and implements	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Small scale processing and value addition	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
VII Plant Protection										
Integrated Pest Management	2	00	00	00	78	11	89	78	11	89
Integrated Disease Management	2	00	00	00	67	12	79	67	12	79
Bio-control of pests and diseases	2	00	00	00	54	01	55	54	01	55
Production of bio control agents and bio pesticides	1	00	00	00	25	00	25	25	00	25
Others (pl specify)		00	00	00						
Total	**04**	00	00	00	**224**	**24**	**248**	**224**	**24**	**248**
VIII Fisheries										
Integrated fish farming	00	00	00	00	00	00	00	00	00	00
Carp breeding and hatchery management	00	00	00	00	00	00	00	00	00	00
Carp fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Hatchery management and culture of freshwater prawn	00	00	00	00	00	00	00	00	00	00
Breeding and culture of ornamental fishes	00	00	00	00	00	00	00	00	00	00
Portable plastic carp hatchery	00	00	00	00	00	00	00	00	00	00
Pen culture of fish and prawn	00	00	00	00	00	00	00	00	00	00

Shrimp farming	00	00	00	00	00	00	00	00	00	00
Edible oyster farming	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00
Fish processing and value addition	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
IX Production of Inputs at site										
Seed Production	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00
Bio-agents production	00	00	00	00	00	00	00	00	00	00
Bio-pesticides production	00	00	00	00	00	00	00	00	00	00
Bio-fertilizer production	00	00	00	00	00	00	00	00	00	00
Vermi-compost production	00	00	00	00	00	00	00	00	00	00
Organic manures production	00	00	00	00	00	00	00	00	00	00
Production of fry and fingerlings	00	00	00	00	00	00	00	00	00	00
Production of Bee-colonies and wax sheets	00	00	00	00	00	00	00	00	00	00
Small tools and implements	00	00	00	00	00	00	00	00	00	00
Production of livestock feed and fodder	00	00	00	00	00	00	00	00	00	00
Production of Fish feed	00	00	00	00	00	00	00	00	00	00
Mushroom Production	00	00	00	00	00	00	00	00	00	00
Apiculture	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
X Capacity Building and Group Dynamics										
Leadership development	00	00	00	00	00	00	00	00	00	00
Group dynamics	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	00	00	00	00	00	00	00	00	00	00
Mobilization of social capital	00	00	00	00	00	00	00	00	00	00
Entrepreneurial development of farmers/youths	01	00	00	00	00	50	50	00	50	50
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**01**	00	00	00	**00**	**50**	**50**	**00**	**50**	**50**
XI Agro-forestry										
Production technologies	00	00	00	00	00	00	00	00	00	00
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Farming Systems	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
GRAND TOTAL	**31**	**00**	**00**	**00**	**665**	**532**	**1197**	**665**	**532**	**1197**

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	00	00	00	00	00	00	00	00	00	
Training and pruning of orchards	00	00	00	00	00	00	00	00	00	00
Protected cultivation of vegetable crops	00	00	00	00	00	00	00	00	00	00
Commercial fruit production	00	00	00	00	00	00	00	00	00	00
Integrated farming	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00

Production of organic inputs	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00
Vermi-culture	00	00	00	00	00	00	00	00	00	00
Mushroom Production									0	20
Bee-keeping	00	00	00	00	00	00	00	00	00	00
Sericulture	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Value addition	01	00	00	00	00	30	30	00	30	30
Small scale processing	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00
Tailoring and Stitching										
Rural Crafts	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	00	00	00	00	00	00	00	00	00	00
Dairying	00	00	00	00	00	00	00	00	00	00
Sheep and goat rearing	00	00	00	00	00	00	00	00	00	00
Quail farming	00	00	00	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00	00	00	00
Rabbit farming	00	00	00	00	00	00	00	00	00	00
Poultry production	00	00	00	00	00	00	00	00	00	00
Ornamental fisheries	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Freshwater prawn culture	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00
Cold water fisheries	00	00	00	00	00	00	00	00	00	00
Fish harvest and processing technology	00	00	00	00	00	00	00	00	00	00
Fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00
Any other (pl.specify)	00	00	00	00	00	00	00	00	00	00
TOTAL	01	00	00	00	00	30	30	00	30	30

Training for Rural Youths including sponsored training programmes (Off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	00	00	00	00	00	00	00	00	00	00
Training and pruning of orchards	00	00	00	00	00	00	00	00	00	00
Protected cultivation of vegetable crops	00	00	00	00	00	00	00	00	00	00
Commercial fruit production	00	00	00	00	00	00	00	00	00	00
Integrated farming	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00
Production of organic inputs	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00
Vermi-culture	00	00	00	00	00	00	00	00	00	00
Mushroom Production	00	00	00	00	00	00	00	00	00	00
Bee-keeping	00	00	00	00	00	00	00	00	00	00
Sericulture	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Value addition	00	00	00	00	00	00	00	00	00	00
Small scale processing	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00
Tailoring and Stitching	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00

Production of quality animal products	00	00	00	00	00	00	00	00	00	00
Dairying	00	00	00	00	00	00	00	00	00	00
Sheep and goat rearing	00	00	00	00	00	00	00	00	00	00
Quail farming	00	00	00	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00	00	00	00
Rabbit farming	00	00	00	00	00	00	00	00	00	00
Poultry production	00	00	00	00	00	00	00	00	00	00
Ornamental fisheries	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Freshwater prawn culture	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00
Cold water fisheries	00	00	00	00	00	00	00	00	00	00
Fish harvest and processing technology	00	00	00	00	00	00	00	00	00	00
Fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00
Any other (pl.specify)	00	00	00	00	00	00	00	00	00	00
TOTAL	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**

Training for Rural Youths including sponsored training programmes – CONSOLIDATED
(On + Off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	00	00	00	00	00	00	00	00	00	00
Training and pruning of orchards	00	00	00	00	00	00	00	00	00	00
Protected cultivation of vegetable crops	00	00	00	00	00	00	00	00	00	00
Commercial fruit production	00	00	00	00	00	00	00	00	00	00
Integrated farming	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00
Production of organic inputs	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00
Vermi-culture	00	00	00	00	00	00	00	00	00	00
Mushroom Production										
Bee-keeping	00	00	00	00	00	00	00	00	00	00
Sericulture	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Value addition	00	00	00	00	00	00	00	00	00	00
Small scale processing	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00
Tailoring and Stitching					0					
Rural Crafts	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	00	00	00	00	00	00	00	00	00	00
Dairying	00	00	00	00	00	00	00	00	00	00

Sheep and goat rearing	00	00	00	00	00	00	00	00	00	00
Quail farming	00	00	00	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00	00	00	00
Rabbit farming	00	00	00	00	00	00	00	00	00	00
Poultry production	00	00	00	00	00	00	00	00	00	00
Ornamental fisheries	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Freshwater prawn culture	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00
Cold water fisheries	00	00	00	00	00	00	00	00	00	00
Fish harvest and processing technology	00	00	00	00	00	00	00	00	00	00
Fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00
Any other (pl.specify)	00	00	00	00	00	00	00	00	00	00
TOTAL										

Training programmes for Extension Personnel including sponsored training programmes(on campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops	00	00	00	00	00	00	00	00	00	00
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient management	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00
Protected cultivation technology	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00
Care and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	00	00	00	00	00	00	00	00	00	00
Women and Child care	01	00	00	00	00	25	25	00	25	25
Low cost and nutrient efficient diet designing	00	00	00	00	00	00	00	00	00	00
Group Dynamics and farmers organization	00	00	00	00	00	00	00	00	00	00
Information networking among farmers	00	00	00	00	00	00	00	00	00	00
Capacity building for ICT application	00	00	00	00	00	00	00	00	00	00
Management in farm animals	00	00	00	00	00	00	00	00	00	00
Livestock feed and fodder	00	00	00	00	00	00	00	00	00	00

production										
Household food security	00	00	00	00	00	00	00	00	00	00
Any other (pl.specify)	00	00	00	00	00	00	00	00	00	00
TOTAL	**01**	**00**	**00**	**00**	**00**	**25**	**25**	**00**	**25**	**25**

Training programmes for Extension Personnel including sponsored training programmes(off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops	00	00	00	00	00	00	00	00	00	00
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient management	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00
Protected cultivation technology	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00
Care and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	00	00	00	00	00	00	00	00	00	00
Women and Child care	00	00	00	00	00	00	00	00	00	00
Low cost and nutrient efficient diet designing	00	00	00	00	00	00	00	00	00	00
Group Dynamics and farmers organization	00	00	00	00	00	00	00	00	00	00
Information networking among farmers	00	00	00	00	00	00	00	00	00	00
Capacity building for ICT application	00	00	00	00	00	00	00	00	00	00
Management in farm animals	00	00	00	00	00	00	00	00	00	00
Livestock feed and fodder production	00	00	00	00	00	00	00	00	00	00
Household food security	00	00	00	00	00	00	00	00	00	00
Any other (pl.specify)	00	00	00	00	00	00	00	00	00	00
TOTAL	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops	00	00	00	00	00	00	00	00	00	00
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient management	00	00	00	00	00	00	00	00	00	00

Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00
Protected cultivation technology	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00
Care and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	01	00	00	00	38	00	38	38	0	38
Women and Child care	00	00	00	00	00	00	00	00	00	00
Low cost and nutrient efficient diet designing	00	00	00	00	00	00	00	00	00	00
Group Dynamics and farmers organization	00	00	00	00	00	00	00	00	00	00
Information networking among farmers	00	00	00	00	00	00	00	00	00	00
Capacity building for ICT application	01	00	00	00	00	25	25	0	25	25
Management in farm animals	00	00	00	00	00	00	00	00	00	00
Livestock feed and fodder production	00	00	00	00	00	00	00	00	00	00
Household food security	00	00	00	00	00	00	00	00	00	00
Any other (pl.specify)	00	00	00	00	00	00	00	00	00	00
TOTAL	**02**	**00**	**00**	**00**	**38**	**25**	**63**	**38**	**25**	**63**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	00	00	00	00	00	00	00	00	00	00
Increasing production and productivity of crops	01	00	00	00	24	16	40	24	16	40
Commercial production of vegetables	01	00	00	00	40	00	40	40	00	40
Production and value addition	00	00	00	00	00	00	00	00	00	00
Fruit Plants	01	00	00	00	29	03	32	29	03	32
Ornamental plants	01	00	00	00	40	00	40	40	00	40
Spices crops	01	00	00	00	43	07	50	43	07	50
Soil health and fertility management	01	00	00	00	33	01	34	33	01	34
Production of Inputs at site	01	00	00	00	08	18	26	08	18	26
Methods of protective cultivation	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)		00	00	00						
Total	**07**	00	00	00	**217**	**45**	**262**	**217**	**45**	**262**
Post harvest technology and value addition		00	00	00						
Processing and value addition	01	00	00	00	05	35	40	05	35	40

Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**01**				**05**	**35**	**40**	**05**	**35**	**40**
Farm machinery										
Farm machinery, tools and implements	01	00	00	00	35	00	35	35	00	35
Others (pl. specify)		00	00	00						
Total	**01**	00	00	00	**35**	**00**	**35**	**35**	**00**	**35**
Livestock and fisheries	00	00	00	00	00	00	00	00	00	00
Livestock production and management	00	00	00	00	00	00	00	00	00	00
Animal Nutrition Management	00	00	00	00	00	00	00	00	00	00
Animal Disease Management	00	00	00	00	00	00	00	00	00	00
Fisheries Nutrition	00	00	00	00	00	00	00	00	00	00
Fisheries Management	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
Home Science	00	00	00	00	00	00	00	00	00	00
Household nutritional security	01	00	00	00	36	24	60	36	24	60
Economic empowerment of women	01	00	00	00	00	33	33	00	33	33
Drudgery reduction of women	01	00	00	00	28	04	32	28	04	32
Others (pl. specify)		00	00	00						
Total	**03**	00	00	00	**64**	**61**	**125**	**64**	**61**	**125**
Agricultural Extension		00	00	00						
Capacity Building and Group Dynamics	01	00	00	00	36	00	36	36	00	36
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**01**	00	00	00	**36**	**00**	**36**	**36**	**00**	**36**
GRAND TOTAL	**13**	**00**	**00**	**00**	**357**	**141**	**498**	**357**	**141**	**498**

Name of sponsoring agencies involved : ATMA Project, Narmada

Details of vocational training programmes carried out by KVKs for rural youth

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Crop production and management										
Commercial floriculture	00	00	00	00	00	00	00	00	00	00
Commercial fruit production	00	00	00	00	00	00	00	00	00	00
Commercial vegetable production	00	00	00	00	00	00	00	00	00	00
Integrated crop management	00	00	00	00	00	00	00	00	00	00
Organic farming	00	00	00	00	00	0	00	00	0	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
Post harvest technology and value addition										
Value addition	01	00	00	00	30	00	30	30	00	30
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00

Total	**01**	**00**	**00**	**00**	**30**	**0**	**30**	**30**	**0**	**30**
Livestock and fisheries										
Dairy farming	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00
Sheep and goat rearing	00	00	00	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00	00	00	00
Poultry farming	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
Income generation activities										
Vermicomposting	00	00	00	00	00	00	00	00	00	00
Production of bio-agents, bio-pesticides,	00	00	00	00	00	00	00	00	00	00
bio-fertilizers etc.	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery	00	00	00	00	00	00	00	00	00	00
and implements	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00
Sericulture	00	00	00	00	00	00	00	00	00	00
Mushroom cultivation	01	00	00	00	25	0	25	25	0	25
Nursery, grafting etc.	00	00	00	00	00	00	00	00	00	00
Tailoring, stitching, embroidery, dying etc.	00	00	00	00	00	00	00	00	00	00
Agril. para-workers, para-vet training	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	01	00	00	00	25	0	25	25	0	25
Agricultural Extension										
Capacity building and group dynamics	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**	**00**
Grand Total	**02**	**00**	**00**	**00**	**25**	**30**	**55**	**25**	**30**	**55**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	00	651	00	651
Diagnostic visits	18	110	00	110
Field Day	21	517	00	517
Group discussions	19	398	00	398
Kisan Ghosthi	08	307	00	307
Film Show	18	654	00	654
Self -help groups	01	25	00	25
Kisan Mela	01	2000	00	2000
Exhibition	07	10425	00	10425
Scientists' visit to farmers field	37	199	00	199
Plant/animal health camps	00	00	00	00
Farm Science Club	00	00	00	00
Ex-trainees Sammelan	01	371	05	376
Farmers' seminar/workshop	05	256	10	266
Method Demonstrations	02	20	00	20
Celebration of important days	08	1168	15	1183
Special day celebration	03	1013	05	1018
Exposure visits	04	69	00	69
Others (pl. specify)	00	00	00	00
Total	**153**	**18183**	**35**	**18218**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	160
Extension Literature	3095
News paper coverage	8
Popular articles	6
Radio Talks	0
TV Talks	0
Animal health amps (Number of animals treated)	00
Others (pl. specify)	0
Total	**3269**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Narmada, Dediapada	Text only	60	--	1	5	10	5	81
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**60**	**--**	**1**	**5**	**10**	**5**	**81**
	Total farmers Benefitted	**0**	**0**	**0**	**0**	**0**	**0**	**10162**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organized Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Narmada, Dediapada	Gosthies	0	0	0
	Lectures organized	6	306	Related crop/livestock technology
	Exhibition	1	1024	Related crop/livestock technology
	Film show	6	306	Related crop/livestock technology
	Fair	1	1024	Related crop/livestock technology
	Farm Visit		306	Related crop
	Diagnostic Practical's	6	12	Related crop/livestock technology
	Distribution of Literature (No.)	--	2100 Copies	Related crop/livestock technology
	Distribution of Seed (q)	0	0	0
	Distribution of Planting materials (No.)	0	0	0
	Bio Product distribution (Kg)	0	0	0
	Bio Fertilizers (q)	0	0	0
	Distribution of fingerlings	0	0	0
	Distribution of Livestock specimen (No.)	0	0	0
	Total number of farmers visited the technology week	**20**	**2978**	**0**

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed(kg)	Value (Rs)	Number of farmers
Cereals	Paddy	IR-28	IR-28	1330	39,900	130
	Paddy	GNR-2	GNR-2	2900	92,800	290
	Paddy	Purna	Purna	2500	80,000	250
Oilseeds	Niger	GN-2	GN-2	45	8,750	00
Pulses	Pigeonpea	Vaishali	Vaishali	350	1,35,000	50
	Soybean	JS-335	JS-335	925	55,500	50
	Indian Bean	NPS-1	NPS-1	250	80,000	50
	Gram	GG-3	GG-3	810	52,650	100
	Gram	GG-2	GG-2	100	6,500	100
	Gram	PKV-2	PKV-2	120	1,2000	05
	Green Gram	Meha	Meha	650	71,500	50
Others	0	0	0	0	0	0
Total	**0**	**0**	**0**	**9,980**	**6,34,600**	**1075**

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial	0	0	0	0	0	0
Vegetable seedlings	Different Vegetable	Various Varity	Various Varity	5,50,000	2,02,000	150
		0	0	0	0	150

	0	0	0	0	0	0
Fruits	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Ornamental plants	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Medicinal and Aromatic	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Plantation	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Spices	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Tuber	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Fodder crop saplings	Napier grass	Local	Local	90,000	90,000	50
	0	0	0	0	0	0
	0	0	0	0	0	0
Forest Species	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**11,2000**	200

Production of Bio-Products

Bio Products	**Name of the bio-product**	**Quantity**	**Value (Rs.)**	**No. of Farmers**
		Kg		
Bio Fertilizers	0	0	0	0
Bio-pesticide	0	0	0	0
Bio-fungicide	0	0	0	0
Bio Agents	0	0	0	0
Others	0	0	0	0
Total	0	0	0	0

Table: Production of livestock materials

Particulars of Live stock	**Name of the breed**	**Number**	**Value (Rs.)**	**No. of Farmers**
Dairy animals	0	0	0	0
Cows	0	0	0	0
Buffaloes	0	0	0	0
Calves	0	0	0	0
Others (Pl. specify)	0	0	0	0
Poultry	0	0	0	0
Broilers	0	0	0	0
Layers	0	0	0	0
Duals (broiler and layer)	0	0	0	0
Japanese Quail	0	0	0	0
Turkey	0	0	0	0

Emu	0	0	0	0
Ducks	0	0	0	0
Others (Pl. specify)	0	0	0	0
Piggery	0	0	0	0
Piglet	0	0	0	0
Others (Pl.specify)	0	0	0	0
Fisheries	0	0	0	0
Indian carp	0	0	0	0
Exotic carp	0	0	0	0
Others (Pl. specify)	0	0	0	0
Total	0	0	0	0

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	250	250	0	Nil
Water	0	0	0	0
Plant	0	0	0	0
Manure	0	0	0	0
Others (pl.specify)	0	0	0	0
	0	0	0	0
Total	**250**	**250**	**0**	**0**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Narmada, Dediapada	9

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
0	0
0	0

X. PUBLICATIONS

Category	Number
Research Paper	3
Technical bulletins	1
Technical reports	0
Others (Books)	2

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.0)**
0	**0**	**0**	**0**	**0**

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	**Area (ha)**	**Extent of damage**	**Recovery of damage through KVK initiatives if any**
0	0	0	0
Total	0	0	0

Major area coverage under alternate crops/varieties

Crops	**Area (ha)**	**Number of beneficiaries**
Oilseeds	0	0
Pulses	0	0
Cereals	0	0
Vegetable crops	0	0
Tuber crops	0	0
Total	**0**	**0**

Farmers-scientists interaction on livestock management

Livestock components	**Number of interactions**	**No.of participants**
0	**0**	**0**
Total	**0**	**0**

Animal health camps organized

Number of camps	**No.of animals**	**No.of farmers**
0	**0**	**0**
Total	**0**	**0**

Seed distribution in drought hit states

Crops	**Quantity (qtl)**	**Coverage of area (ha)**	**Number of farmers**
0	**0**	**0**	**0**
Total	**0**	**0**	**0**

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	**Area (ha)**	**Number of farmers**
0	**0**	**0**
Total	**0**	**0**

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition Participation		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
	19	398	08	307	21	517	1	2000	07	10425	18	654
Total	**19**	**398**	**08**	**307**	**21**	**517**	**1**	**2000**	**07**	**10425**	**18**	**654**

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
NAU	Establishment of mother cultures of different bio-control agents and mycorrhiza date 21 April to 23 April	1	1	1
NAU	Management of Commodity Interest groups and farmers organization	1	2	1
Total	**0**	**2**	**3**	**2**

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
	0	**0**	**0**
	0	**0**	**0**
	0	**0**	**0**
Total	**0**	**0**	**0**

XIV. (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Success story,CASE STUDIES.

Name of the KVK- Krishi Vigyan Kendra, Dediapada

Success story

Title-1 :Advi cultivation in Net house

Situation Analysis - Satishbhai is a progressive farmer of Sagbara taluka of narmada district. Before 2007 they cultivated traditional practices of cotton, paddy, pigeon pea and other crops in *Kharif* and wheat crop in *rabi* season. As a progressive farmer, He cultivated new crops like Papaiya, Banana, Orange and *Advi* etc.

KVK Support- After joining in Krishi vigyan Kendra, ATMA yojna and also participated in seminar and training programme by get lots of information about *Advi* crop cultivation in Net house. During the first year he got more net return as a compared to other crops in *Advi* crop cultivation in Net house.After success of this first year, he cultivated this practices successively three year and got more net return as a compared to other crops in *Advi* crop cultivation in Net house.

Output- The proper guidance of KVK scientist and with the help of line department, he started to cultivate Advi crop in Net house, simultaneously three year cultivation he got higher income from same 10 gunths land.

Outcomes : Year wise Advi cultivation in Net house

Sr. No	Item	Year		
		2013-14	2014-15	2015-16
1	Area	10 Guthha	10 Guthha	10 Guthha
2	Crop	Advi Cultivation	Advi Cultivation	Advi Cultivation
3	Cost	33500/-	35000/-	38000/-
4	Production	5200 kg	5350 kg	5600 kg
5	Income	223600	240750	268800
6	Net Profit	190100	205750	230800

Impact- After adoption of technology by KVK Scientists guidance the income was increased through the adoption of improved cultivation practices and received many prizes and award

These are following awards-

1. Best farmer award year: 2010-11
2. "Krishi Rushi" Award given by Chief Minister of Gujarat state
3. Certificate of progressive farmer of Krishi Mahostav-2013

Scientific field visit

Net house

Title: 2 : Profitable cultivation of Bt cotton by adopting IPM

Situation Analysis:

Shri Sevabhai Nurajibhai Vasava is a farmer of village PATADI taluka Dediyapada, District Narmada in Gujarat, educated up to 8th standard and having 10.0 Acre of land. he was growing local and old varieties of paddy, pigeon pea, vegetable and using old cultivation practies so he get less profit. Under this situation they find difficulty to sustain household food and livelihood for his family.

Name : Shri Sevabhai Nurajibhai Vasava (MGMG Adopted villager)
Village: Patadi, Ta: Dediapada, Dist:. Narmada,
Age: 42 Years, Education: 8thstd,
Size of land holding: 10.0 Acr. (6 Irrigated + 4 Non Irrigated)
Major crop Cultivated: Paddy, Cotton, Pigeon Pea, Vegetables
Motivation factor : KVK, Navsari Agricultural University, Dediapada

KVK SUPPORT AND IMPLEMENTATION:-

Our KVK, conducted various programmes for the awareness of importance of technology related to Agriculture. KVK adopted Patadi village under Mera Gav Mera Gourav since two year ago and different demonstrations were given to the farmer of Patadi including Mr. Sevabhai. As a result he was came in contact of KVK scientist regularly. By the time to time the guidance of KVK scientist, he started to change method of BT cotton cultivation.

OUTPUTS:-

He also selected for FLD on Cotton-IPM during the year of 2015-16. He started cultivation of cotton by adopting drip system and all practices of IPM like, Deep summer ploughing, Sanitation of field, weeds removal /Alternative hosts/previous crops stubbles, cultivation of inter crop/ trap crop, use of yellow sticky trap, botanicals like Neem oil and use of proper dose of recommended insecticides as per guidance of KVK scientists.

OUTCOMES:-

The result of this he got yield range of 22 Qtl/ha and at that time cotton price was good in the market so he earns about Rs. 79530/-ha net income which is 19.5% more as compare other farmers in the villages. The result of cotton IPM was highly praise worthy by the KVK Scientist, as well as villagers too.

Cost of Cultivation:

Sr. No	Details	Local farming practices	IPM practices
1	Land preparation	1500	2000
2	Seed	1500	1500
3	Chemical Fertilizers	3000	2000
4	FYM	2000	2500
5	Labour cost	4000	3000
6	Insecticides cost	1500	500
7	Total cost	13,500	11,500
8	Yield (Kg/ha)	1850	2210
9	Total income	79550	95030
10	Net income	65750	79530
11	B:C ratio	4.76	5.13
12	Percent Increase	19.5%	

Case Studies

Title3. Economic Upliftment of tribal women through tailoring.

Farmer Profile

Name : Priyanka ben Raju bhai vasava(KVK Adopted villager)

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

Age: 22 Years, **Education:** 10thstd,

Size of land holding: 3.0 Acr. (1 Irrigated + 2 Non Irrigated)

Major crop Cultivated: Paddy, Cotton, and Pigeon Pea

Motivation factor: KVK, Navsari Agricultural University, Dediapada.


Aged 22 years, **Vasava Priyanka Ben**, a resident of **Besana, Dediapada** After marriage ,she has no source of income, her husband is unemployed She approached Krishi Vigyan Kendra, Dediapada and attended two month training on cutting and stitching of garments. Although after completing her matriculation, she had basic knowledge of stitching but after many years of married life she was out of touch with this work. When she attended two month training jointly organized at Krishi Vigyan Kendra & Tribal women training center, she decided to pursue this work as an enterprise.

Economic Upliftment: - She initiated with her old sewing machine and started getting orders from neighborhood. She charges **Rs. 90/- per** dress which is much lower than the market rate and stitches 2-3 dress a day. She has also employed one assistant for her help and is paying her Rs. 30/- per dress. Now her monthly income **is Rs. 5000/- to 6000/-.** After successful running of her enterprise, a few months later she purchased a motor driven sewing machine from her own income. Now, her workload is increased but is managing her enterprise successfully. She is very happy as now not only she is engaged in work at home but also is supplementing her family income. Now she is able to invest her money in the overall development of her children, for purchasing more items for her home. She has her own social status in the society. She is now not only economically sound but also socially enjoying her status in the society. This enterprise is proving boon to her and empowering her socially, economically and psychologically. She has more say in her home and is more confident than before.

4. Low cost Mushroom cultivation

Farmer Profile

Name : Shri Mukesh bhai Rai sing bhai Vasava (KVK Adopted villager)
Village: Ghatoli**,Ta:** Dediapada, **Dist:** Narmada,
Age: 32 Years, **Education:** 10thstd,
Size of land holding: 4.0 Acr. (1 Irrigated + 3 Non Irrigated)
Major crop Cultivated: Paddy, Cotton, and Pigeon Pea
**Motivation factor : ** KVK, Navsari Agricultural University, Dediapada.


"One person with passion is greater than ninety nine with interest."

Deepsing Kotiyabhai Vasava came in the contact of KVK, Narmada under the Programme of FLD and vocational training on Mushroom. He received the mushroom spawn along with full package and practices from KVK, and started the work on Oyster Mushroom cultivation along with farming at house hold level. After knowing potential value of mushroom he got much more interest in Mushroom cultivation. he tried to popularize production of mushroom among villagers also. By seeing the good result of mushroom the neighbors of Deep sing Kotiyabhai Vasava joined his to cultivate the mushroom. Presently he earns a sum of about Rs.1 4000/ month from mushroom cultivation

Impact factor	After Adoption
Crop / Agricultural	Mushroom
Yield of Mushroom / one unit (Size 20 X15 Sq.ft.)	5 kg X 40 cylinders = 200 kg
Cost of cultivation	6000/-
Total income	20000/-
Net income	14000/-
Sale Value	Rs. 100 / kg.
B : C Ratio	2.33