ANNUAL REPORT – 2015-16

(April 2015 to March 2016)

KVK, NAU, Dediapada, Dist.Narmada

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	101	3003	1305	4308
Rural youths	6	20	116	136
Extension functionaries	2	38	25	63
Sponsored Training	21	603	329	932
Vocational Training	8	68	116	184
Total	**138**	**3732**	**1891**	**5623**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	10	5	10
Pulses	184	63.6	184
Cereals	257	59.5	257
Vegetables	64	21	64
Other crops	74	28	74
Hybrid crops	0	0	0
Total	**589**	**177.1**	**589**
Livestock & Fisheries	225	0	225
Other enterprises	0	0	0
Total	**225**	**0**	**225**
Grand Total	**814**	**177.1**	**814**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed	0	0	0
Crops	2	16	16
Livestock	0	0	0
Various enterprises	0	0	0
Total	**2**	**16**	**16**
Technology Refined	0	0	0
Crops	2	20	20
Livestock	2	33	33
Various enterprises	0	0	0
Total	**4**	**53**	**53**
Grand Total	**6**	**69**	**69**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	281	24215
Other extension activities	0	0

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Mark-eting	Awar-eness	Other enterprise	Total
Dediapada	Text only	52	18	1	0	5	2	78
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**52**	**18**	**1**	**0**	**5**	**2**	**78**
	Total farmers Benefitted	**0**	**0**	**0**	**0**	**0**	**0**	**9162**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	179.00	6,57,650/-
Planting material (No.)	0	0
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	250	0
Water	0	0
Plant	0	0
Total	**250**	**0**

8. HRD and Publications

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

DETAIL REPORT OF APR-2015-16

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. J. H. Rathod	---	094278 25427	hariom.janaksinh@gmail.com

1.4. Year of sanction: 2006

1.5. Staff Position (as on 30th March, 2016)

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	Programme Coordinator	Dr. J. H. Rathod	Programme Coordinator	Entomology	37400-67000	37400	22/01/ 2012	Temporary	Other	8128686720	50	hariom.janaksinh@ gmail.com
2	Subject Matter Specialist	Vacant	SMS	Ext. Edu.	15600-39100	---	---	---	---	---	---	---
3	Subject Matter Specialist	Dr. A. D. Raj	SMS	Agronomy	15600-39100	18320	02/05/ 2011	Temporary	SC	9374032375	43	adraj@nau.in
4	Subject Matter Specialist	Dr. H. R. Jadav	SMS	Entomology	15600-39100	17610	30/01/ 2013	Temporary	SC	8140000465	42	hrjadav@nau.in
5	Subject Matter Specialist	Vacant	SMS	Animal Nutrition	15600-39100	---	---	---	---	---	---	---
6	Subject Matter Specialist	Dr. M.V. Tiwari	SMS	Home Science	15600-39100	15600	21/08/ 2015	Temporary	Other	9408985550	31	mvtiwari@nau.in
7	Subject Matter Specialist	Dr. S. K. Desai	SMS	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	Smt. P. U. Boradhara	Accountant / Superintendent	-	9300-34100	15140	15/04/ 1981	Temporary	Other	9104453101	57	puboradhara@nau.in
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

1.8. A). Details 7th SAC meeting conducted in the year 2015.

Sr. No	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	19-2-15	Dr. R. B. Patel Ex. Director of Extension Education, NAU, Navsari	1. Collect the list of beneficiaries of JIVIKA from Jilla Panchayat and arrange training for all beneficiaries.	1. KVK, Dediapada organized 2 days training programme at KVK. No. of training: 2 Beneficiary: 92
2		Dr. G. R. Patel Director of Extension Education, NAU, Navsari	2. Conduct impact study for different activities of Krishi Vigyan Kendra.	2. Two impact studies were carried out. 1.Impact assessment of FLD technology on Pigeon Pea 2. Adoption of improved Indian bean production technology.
3		Dr. B. N. Patel Asso. Director of Research, NAU, Navsari	3. Prepare a project to make available sewing machine after training to farm women and submit to Jilla Panchayat Triable sub plan.	3. Project submitted to TSP Beneficiary: 60 Women
4		Dr. J. G. Patel Principal, Polytechnic in Bharuch, N.A.U, Bharuch	4. Arrange training on Soil and Water management.	4. Two seminars on Soil and Water management were organized at KVK. Celebrated soil health day 5th December,2015. No. of training: 2 Beneficiary: 705
5		Dr. Anilkumar. Head, CSSRI (ICAR), RRS, Bharuch	5. Prepare a group of farmers doing organic farming and put the list of beneficiaries on Krishi Vigyan Kendra website.	5. One group of organic farming at Narmada worked, they inter linked with shared their idea on Whats app. No. of training: 4 Beneficiary : 225
6		Shri. N. D. Makvana Director, Regional Staton for Forrage Production and Demonstration,Dharmod.	6. Collect seed of fodder crops from Fodder Research Center, Dhamrod for the demonstration at Krishi Vigyan Kendra	6. Demonstration conducted at KVK and Farmers' field No. of Demonstrations : Sorghum - 30 Bajra - 20 Oat - 15
7		Shri. C. N. Patel District Agricultural Officer, Narmada	7. Organize trainings on new horticultural crops like Dragon fruit, Pomegranate, Apple, Ber and Guava.	7. No. of training: 1 Beneficiary:40
8		Dr. Smita Pille Deputy Director, Narmada	8. Prepare demonstration unit of Mashroom at Krishi Vigyan Kendra and arrange training on Mashroom cultivation.	8. Mashroom demo unit was established and two days vocational training on Mushroom cultivation was organized by KVK jointly with Jilla Ayogen, Narmada. No. of training:01 Beneficiary :20
9		Shri. N. D. Makvana Director, Regional Staton	9. Develop Nursery at Krishi Vigyan Kendra.	9. Project on plug nursery (30 lakhs) has been sanctioned by

		for Fodder Production and Demonstration, Dhamrod.		DHO, Narmada.
10		Dr. L. A. Magarvadiya I/C Deputy Director (A.H) Narmada	10. Increase number of Front Line Demonstration on Vegetable crops.	10. FLDs on tomato, Brinjal, chilli and kitchen gardening were given Beneficiary: 121
11		Shri. Sankarbhai Vasava Chairmen Irrigation, Jilla Panchayat, Narmada	11. Arrange Front Line Demonstration on Sunflower and Castor Crop.	11. FLDs on Castor given. For sunflower FLDs, we had contacted to the farmers but, they were not interested Beneficiary: 45
12		Dr. Vinod Kaushik President, INRECA sansthan, Dediapada	12. Make arrangements for providing information on horticultural scheme to beneficiaries during on campus training	12. We gave information to the farmers in all trainings.
13		Smt. Jermaben. S. Vasava Presidents of Triable women credit Co-operative society	13. Invite representative from adopted village cluster as member of SAC.	13. Invited.
14		Shri. Dipak Patel MDT(Agri) D.W.D.U, Narmada	14. Arrange Front Line Demonstration on Banana crop.	14. FLD on INM in Banana given. Beneficiary: 15
15		Shri. Devendrakumar D.W.D.U, Narmada	15. Give training on scientific livestock rearing for better future of Animal Husbandry.	15. No. of Trainings :14 No. of Livestock owners : 452
16		Shri. D. M. Vamkar D.W.D.U, Narmada	16. Organize training in collaboration with District watershed development agency, Narmada.	16. No. of training: 01 Beneficiary : 52
17		Mr. Satishbhai Patel Agri- Entrepreneur, Sagbara	17. Plan to develop water shed recharge unit at Krishi Vigyan Kendra in collaboration with District watershed development agency, Narmada	17. Water harvesting structure is already at KVK.
18		Dr. P. R. Pande, Principal, Agri Engg. College, NAU, Dediapada		
19		Shri.Kiren. K.P ,D.W.D.U, Narmada		
20		Shri. B. Y. Pancholi, DPD, ATMA. Narmada		
21		Shri. K. V. Patel, BTM,. ATMA		
22		Shri. B. V. Purohit, Agri. Officer		
23		Dr. J. H. Rathod, Programme Coordinator, KVK, Narmada		
24		Smt. Ushaben. D. Vasava, Progressive Farm women		
25		Dr. Virendra Sing, Associate Professor Agri. College, Bharuch		
26		Shri. Vijaybhai Dodiya, PD, ATMA. Narmada (Representative)		
27		All SMS, KVK, Dediapada		

Proceeding of Eighth Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, NAU, Dediapada held on 24/02/2016 at 10:00a.m; KVK, Dediapada

The Eighth Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, NAU, Dediapada was held at KVK, Dediapada on 24th February, 2016 to review the progress made by KVK during last year (April - 2015 to February-2016) and discuss the future action plan for the next year (April - 2016 to March -2017).The meeting was inaugurated by Dr, M. K. Arvadia, Principal & Dean, N. M. College of Agriculture, N.A.U., Navsari, Dr. J. H. Rathod, Member Secretary & Programme Coordinator, Krishi Vigyan Kendra, Dediapada welcomed the dignitaries, committee members, farmers and other invitee..

Dr. G. R. Patel, Director of Extension Education, NAU, Navsari explained briefly on objectives of Scientific Advisory Committee and Mandates of Krishi Vigyan Kendra. He advised to increase Front line demonstrations on vegetables and to establish Medicinal crop Demonstration unit at KVK. He suggested to increase On Farm Testing on organic farming, Training and number of exposure visit with in district or outside the district.

Dr, M. K. Arvadia, Principal & Dean, N. M. College of Agriculture, N.A.U, Navsari suggested to provide large number of quality seed to the farmers by using seed village project and also give training on various aspects.

Dr. J. H. Rathod presented the report on work done by Krishi Vigyan Kendra, Dediapada during the period of April-2015 to February-2016. 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.

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

8.1	Approval of the minutes of Seventh Scientific Advisory Committee.
	The action taken report of the minutes of Seventh SAC meeting (Held on 21th February, 2015) was presented before the house and it was approved by the Scientific Advisory Committee.
8.2	Progress made by KVK during April 2015-Feb.16
	Programme Coordinator, KVK, NAU, Dediapada presented the report on progress made by KVK, for the period of April-2015-Feb.16.The committee satisfied with the activities and achievements made by the KVK.
8.3	Action plan for the period of April-2016 to March -2017.
	Discussion was made on the Action Plan for the period of April-2016 to March-2017 which was approved by the house. However, few suggestions were made by the house to strengthen the action plan.
8.3.1	Prepare demonstration unit on Sunflower at KVK and give training to the farmers.
8.3.2	Arrange Front Line Demonstration on Castor variety NCH-1and Paddy variety NAUR-4.
8.3.3	Prepare new success stories related to KVK impact.
8.3.4	Arrange Front Line Demonstration on Soya bean variety GS-3.
8.3.5	Organize job oriented training for rural youth and BRS student.
8.3.6	Prepare OFT on varietal screening/testing (viz; Vaishali, Virgin and GT-1)
8.3.7	Arrange Front Line Demonstration on Pigeon pea variety GT-2 and give training to the farmers.
8.3.8	Increase exposure visit with in District or outside the district.
8.3.9	Prepare Demonstration unit on Medicinal crop at KVK.
8.3.10	Organize vocational training for rural women to generate employment.
8.3.11	Prepare integrated farming module at KVK.
8.3.12	Disseminate KVK techniques to interior villages means REACH TO UN-REACH persons.
8.3.13	Invite women representative from adopted village cluster as member of SAC.

Programme Coordinator
KrishiVigyan Kendra,
Navsari Agriculture University
Dediapada

Chairman & Vice Chancellor, SAC
Navsari Agriculture University
Navsari

2. DETAILS OF DISTRICT (2015-16)

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

2.3 Soil 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 (2014-15)

Sr. No.	Season and crops	Area (ha)	Production (M.T.)	Yield (kg/ha)
KHARIF				
1	Paddy Drilled	10879	9708	892
2	Paddy TP	00	00	00
3	Groundnut	84	110	1309
4	Cotton irrigated	529	1100	2079
5	Cotton Unirigated	46799	22698	485
6	Sorghum	3879	5275	1359
7	Maize	6546	9361	1430
8	Soybean	4127	7276	1763
9	Pigeon Pea (Arhar)	24823	24451	985
10	Green gram	460	216	469
RABI				
1	Wheat	1640	3710	2262
2	Sorghum	1636	2040	1246
3	Sugarcane	6692	468440	70000
4	Gram	1250	2098	1380
5	Maize	1302	2133	1638
6	Fodder Crops	1697	15129	8915
SUMMER				
1	Ground nut	455	850	1868
2	Bajra	672	1065	1594
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 (2015-16)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)
		Maximum	Minimum	
June	44	0	0	0
July	15	0	0	0
August	21	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 (2015-16)

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	Tilak-wada	Tilak-wada	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
	Tilak-wada	Tilak-wada	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	Dedia-pada	Dedia-pada	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	6	60	69	116	177.1	460	589

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	Achieve ment	Targets	Achieve-ment	Targets	Achieve-ment	Target s	Achieve-ment
Farmers	88	101	1800	4308	100	281	10000	24215
Rural youth	1	6	75	136	--			--
Extn. Functionaries	1	2	50	63	--	--	--	--
Sponsored	10	21	400	932	--	--	--	--

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	**Achievement**	**Target**	**Achievement**
Cereals	146	00	00
Oilseed	0.5	00	00
Pulses	32.5	00	00
Total	**179.0**	**00**	**00**

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 Narmada district	10	10
Varietal Evaluation	Gram	Assessment of different genotypes of chickpea in Narmada district	6	6
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	Buffalo	Effect of supplemen- ting mineral mixture and concentrate on Body growth performance in calves	18	18
Feed and Fodder management	0	0	0	0
Nutrition Management	0	0	0	0
Production and Management	Buffalo	Effect of	15	15

		supplementation of concentrate mixture and mineral mixture on milk production of local buffalo breed of Narmada district		
Others (Pl. specify)	0	0	0	0
Total			**33**	**33**

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 CROP MANAGEMENT

OFT 1

Problem definition: Productivity of pulses in the district is specially Sagbara, Dediapada and part of Nandod is low. The reason behind this may be due to varieties grown by the farmers are not suitable for this area. However, bold grain variety of chickpea is grown by many of the farmers in the region. In these situations it is necessary to assess the feasibility of various chickpea variety in the area.

Technology Assessed or Refined (as the case may be): Assessment of different genotypes of chickpea in Narmada district

KVK, Dediapada, Dist. Narmada in Gujarat conducted on-farm trial to assess different genotypes of chickpea in Narmada district. The improved variety i.e. GG-2 recorded average yield of 1133 kg/ha which was 18.4 and 9.8 per cent higher than that obtained with GG-1 and PKV-2 variety, respectively. The improved variety i.e. PKV-2 gave higher gross return of 37158 Rs/ha, net return of 27125 Rs/ha with benefit cost ratio 3.7 as compared to other varieties.

Table : Assessment of different genotypes of chickpea in Narmada district

Technology option	No. of Trials	100-Seed Weight	No. of Pod/Plant	Yield kg/ha	Gross return (Rs./ha)	Cost of cultivation (Rs./ha)	Net return (Rs./ha)	B:C ratio
T_1 : GG-1	6	17.7	34.5	957	28731	9367	19364	3.1
T_2 : GG-3		29.1	31.2	1133	36328	9933	26395	3.7
T_3: PKV-2		40.0	29.6	1032	37158	10033	27125	3.7

OFT 2

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

PEST AND DISEASE MANAGEMENT

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 *Heliothis* larvae, so percent pod damage also less and gave higher yield (17.6 Q/ha) with higher B:C ratio (3.49) 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	60.67	6.79	1760	45580	3.65
T2- Recommended chemical insecticides (Need based foliar application of Dichlorovos 76 EC)		54.00	2.79	1830	47890	3.83
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		29.67	1.85	2120	57460	4.60

OFT 4

Problem definition: Farmers are frequently 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 . T3- Bio intensive module : recorded less numbers of Spodoptera larvae (31) and less percent damage (1.95%) with higher yield (22.4 Q/ha) and gave higher B:C ratio (5.54) as compared to T2- Recommended chemical and T1- 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	59.0	6.60	18.7	55755	4.46
T2- Recommended chemical insecticides (Need based foliar application of Dichlorovos 76 EC)		54.0	3.70	19.8	59770	4.78
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		31.0	1. 90	22.4	69260	5.54

OFT 5

Problem definition: Poor body growth performance in calves (Buffalo).

Technology Assessed or Refined (as the case may be) : Effect of supplementing mineral mixture and concentrate on Body growth performance in calves

KVK, Dediapada, Dist.Narmada in Gujarat conducted on-farm trial to assess Effect of supplementing mineral mixture and concentrate on Body growth performance in calves. .

Table: Effect of supplementing mineral mixture and concentrate on Body growth performance in calves.

Technology option	No. of Trials	Body weight				Percent increase in Body weight
		1st month	3rd Month	6th Month	12th month	
T1: Traditional Practice	18	22.50	46.30	72.00	125.00	Continue……
T2: Feeding of 15 gm mineral mixture + deworming		23.00	48.00	77.00	136.00	
T3: T2 + Concentrate feeding @ 1% of body wt.		21.70	50.50	80.00	148.50	

OFT 6

Problem definition: low milk production due to malnutrition.

Technology Assessed or Refined (as the case may be) : Effect of supplementation of concentrate mixture and mineral mixture on milk production of local buffalo breed of Narmada district

KVK, Dediapada, Dist. Narmada in Gujarat conducted on-farm trial to assess Effect of supplementation of concentrate mixture and mineral mixture on milk production of local buffalo breed of Narmada district

Table : Effect of supplementation of concentrate mixture and mineral mixture on milk production of local buffalo breed of Narmada district

Technology option	No. of Trials	Milk Production						
		2nd week	4th week	6th week	8th week	10th week	12th week	Percent increase in milk
T1:Routine farmer practice	15	3.7	3.9	3.6	4.0	3.5	3.8	Continue ……
T2: Feeding concentrate mixture (3kg/animal/day)		4.2	4.5	4.3	5.0	5.2	4.7	
T3: feeding of concentrate (3kg/animal/day+ Mineral mixture(50 gm/animal/day)		4.4	4.7	5.2	4.5	5.0	5.2	

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2014-15 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	Pigeon pea	Varietal Evaluation	Vaishali, GT-101, GT-102	Demonstration and good quality Seed availability	29	106	24
2	Soybean	Varietal Evaluation	JS-335	Demonstration and good quality Seed availability	5	16	3.4
3	Paddy	Varietal Evaluation	Drilled paddy GR-5 and IR-28	Demonstration and good quality Seed availability	16	30	10
4	Paddy	Varietal Evaluation	T. P. Paddy NAUR-1and GNR-2	Demonstration and good quality Seed availability	18	52	12
5	Gram	Varietal Evaluation	GG-2,GG-3, PKV-2	Demonstration and good quality Seed availability	165	414	69.83
6	Green gram	Varietal Evaluation	Meha	Demonstration and good quality Seed availability	47	248	62.50
7	Wheat	Varietal Evaluation	GW-496	Demonstration and good quality Seed availability	19	73	12.0
8	Sesamum	Varietal Evaluation	GT-2	Demonstration and good quality Seed availability	5	15	6.0
9	Sorghum	Varietal Evaluation	GJ-38 and GJ-42	Demonstration and good quality Seed availability	44	91	40.6

b. Details of FLDs implemented during 2015-16 (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	Sesamum	Varietal Evaluation	GT-3	Summer-15	5	5	16	0	16	0
B	**Pulses**									
2	Gram	Varietal Evaluation	GG-3	Rabi 2015-16	5	11	64	0	64	0
3	Pigeon pea	Varietal Evaluation	Vaishali	Kharif 2015-16	12	30	54	0	54	0
4	Pigeon pea	Varietal Evaluation	GT-101	Kharif 2015-16	2	5	10	0	10	0
5	Soybean	Varietal Evaluation	JS-335	Kharif 2015-16	5	5.6	24	0	24	0
C	**Other**									
6	Paddy	Varietal Evaluation	GR-5	Kharif 2015-16	4	6.5	25	0	25	0
7	Paddy	Varietal Evaluation	IR-28	Kharif 2015-16	4	5	24	0	24	0
8	Paddy	Varietal Evaluation	Purna	Kharif 2015-16	4	6	24	0	24	0

9	Paddy	Varietal Evaluation	NAUR-1	Kharif 15-16	5	6	33	0	33	0
10	Paddy	Varietal Evaluation	GNR-2	Kharif 2015-16	5	6	30	0	30	0
11	Cotton	Varietal Evaluation	BT-6	Kharif 2015-16	5	10	25	0	25	0
12	Cotton	Varietal Evaluation	BT-8	Kharif 2015-16	5	10	25	0	25	0
13	Brinjal	INM	INM	Kharif 2015-16	2	5	14	0	16	0
14	Chilli	INM	Seed	Rabi 2015-16	2	5	14	0	16	0
15	Tomato	INM	INM	Rabi 2015-16	2	5	14	0	16	0
16	Sugarcane	IWM	IWM	Rabi 2015-16	2	2	8	0	8	0
17	Wheat	Varietal Evaluation	GW-496	Rabi 2015-16	12	12	73	0	73	0
D	**Plant Protection**									
18	Cotton (IPM)	Integrated pest Management	Bt	Kharif 2015	5	6	16	0	16	0
19	Paddy (IPM)	Integrated pest Management	-	Kharif 2015	5	6	16	0	16	0
20	Pigeon pea (Trichoderma)	Use of Boi-agent	Vaishali	Kharif 2015	5	6	16	0	16	0
21	Brinjal (Pseudomonas)	Use of Boi-agent	Gulabi	Kharif 2015	5	6	16	0	16	0
22	Paddy (Sheath mite)	Use of Boi-agent	--	Kharif 2015	5	6	16	0	16	0
23	Sorghum (Shootfly)	Use of Boi-agent	GJ-38	Kharif 2015	5	6	16	0	16	0
24	Gram (Trichoderma)	Use of Boi-agent	(Trichoderma)	Rabi 2015-16	5	6	16	0	16	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**										
Sesamum	Summer	Irrigated	Black	0	0	0	Wheat	17.02.15 to 20.02.15	20.04.15 to 25.02.15	0	0
B	**Pulses**										
Gram	Rabi	Rainfed	Black	0	0	0	Paddy	02.11.15 to 30.11.15	01.02.16 to 12.03.16	0	0
Pigeon pea	Kharif	Rainfed	Black	0	0	0	Pigeon pea	15.07.15 to	15.10.15 to 28.10.15	580	43

								31.07.15			
Pigeon pea	Kharif	Rainfed	Black	0	0	0	Pigeon pea	15.07.15 to 31.07.15	15.10.15 to 28.10.15	580	43
Soybean	Kharif	Rainfed	Black	0	0	0	Paddy	15.07.15 to 31.07.15	15.10.15 to 28.10.15	580	43
C	**Other**										
Paddy	Kharif	Rainfed	Black	0	0	0	Gram	1.07.15 to 14.07.15	02.11.15 to 23.11.15	580	43
Paddy	Kharif	Rainfed	Black	0	0	0	Gram	1.07.15 to 14.07.15	02.11.15 to 23.11.15	580	43
Paddy	Kharif	Rainfed	Black	0	0	0	Gram	1.07.15 to 14.07.15	02.11.15 to 23.11.15	580	43
Paddy	Kharif	Rainfed	Black	0	0	0	Gram	01.07.15 to 14.07.15	02.11.15 to 23.11.15	580	43
Brinjal	Kharif	Rainfed	Black	0	0	0	Groundnut /sorghum	06.08.15 to 10.08.15	16.01.15 to 6.01.15	580	43
Chilli	Kharif	Rainfed	Black	0	0	0	Groundnut/ paddy /tomato	06.08.15 to 20.08.15	22.01.15 to 27.01.15	580	43
Tomato	Kharif	Rainfed	Black	0	0	0	Paddy	09.06.15 to 09.06.15	21.02.15 to 02.02.15	580	43
Sugarcane	Rabi	Irrigated	Black	0	0	0	Sugarcane	15.10.15 to 25.10.15	20.02.16 to 29.02.16	580	43
Wheat	Rabi	Irrigated	Black	0	0	0	Paddy	15.11.15 to 25.11.15	20.03.16 to 29.03.16	0	0
D	**Plant Protection**										
Cotton	Kharif	Rainfed	Black	0	0	0	Cotton	18.06.15 to 20.06.15	18.01.15 to 20.01. 15	580	43
Paddy	Kharif	Rainfed	Black	0	0	0	Pigeon pea	12.06.15 to 27.06. 15	12.10. 15 to 29.10. 15	580	43
Pigeon pea	Kharif	Rainfed	Black	0	0	0	Paddy	10.11.15 to 12.11.15	18.02. 15 to 20.02.15	580	43
Brinjal	Kharif	Rainfed	Black	0	0	0	Groundnut /sorghum	06.08.15 to 10.08.15	16.01.15 to 06.01.15	580	43
Chilli	Kharif	Rainfed	Black	0	0	0	Groundnut /sorghum	06.08.15 to 10.08.15	16.01.15 to 06.01.15	580	43
Paddy	Kharif	Rainfed	Black	0	0	0	Cotton	18.06.15 to	18.10. 15 to 20.10. 15	580	43

								20.06.15			
Sorghum	Kharif	Rainfed	Black	0	0	0	Pigeon pea	12.06.15 to 27.06.15	12.01. 15 to 29.01. 15	580	43
Gram	Kharif	Rainfed	Black	0	0	0	Paddy	10.11.15 to 12.11.15	18.02. 15 to 20.02.15	580	43

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. Animal Husbandry	-Increase milk production in group fed with Concentrate alone and Mixture of concentrate and mineral mixture fed group - Growth performance of calves are high in group fed with Concentrate mixture, Mineral mixture and Deworming tablets -Incidences of mastitis are lower in group treated with Potassium Permanganate (KMnO4) group -Milk production is high in group of animals fed with urea treated pay straw - Fodder production is higher in Sorghum CSV-21 and Bajra HC-20 variety than local sorghum and Bajra variety

Farmers' reactions on specific technologies

Sr.No	Crop	Variety	Feed Back
1	Gram	GG-2	- High yielding variety - Bold seeded
2	Paddy (GR-5)	GR-5	- Good performance in water scarce condition - Good grain quality -High straw yield -Early maturity
3	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 - Having logging problem - Higher production may be suited for early maturity.
4	Pigeon pea	Vaishali	- High yielding - Wilt resistant - Synchronized Flowering

5	Wheat	GW-496	- Good tillering - Long ear - High yielding variety - Resistance against Rust
6	Brinjal	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality
7.	Tomato	--	-INM decrease the use of fertilizers -Improve soil condition - Better fruit quality

Extension and Training activities under FLD

Sr. No.	Activity	No. of activities organized	Date	Number of participants
1	Field days	Pigeon pea (GT-2)	22-4-15	16+0=16
		Paddy Purna	6-9-15	13+1=14
		Paddy IR-28	8-9-15	13+0=13
		Paddy GR-5	7-9-15	22+0=22
		Cotton IPM	26-10-15	22+0=22
		Paddy IPM	27-10-15	23+0=23
		Cotton BT-8	5-11-15	20+0=20
		Chilli Biocomponent	4-12-15	18+12=30
		Sorghum Seed treatment	9-12-15	25+0=25
		Pigeon pea (Bio-Component)	15-12-15	25+0=25
		Brinjal Biocomponent	16-12-15	25+1=26
		Pigeon pea	11-1-16	21+0=21
		Pigeon pea (Bio-Component)	11-1-16	21+0=21
2	Farmers Training	Scientific cultivation of Kharif Crops	25-5-15	12+71=83
		IWM in Kharif Crops	26-5-15	76+0=76
		Scientific cultivation of summer crop	20-01-15	62+00=62
		IPM of Kharif crop	19-5-15	57+20=77
		Bio control of crop pest	29-5-15	34+5=39
		IPM of Cotton	24-6-15	30+0=30
		IPM of Paddy	31-7-15	43+00=43
		INM of Groundnut	4-3-16	49+1=50
		IPM of Groundnut	5-3-16	49+1=50
3	Media Coverage	Nil		
4	Training for extension functionary	Nil		

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	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										
Sesamum	Varietal Evaluation	Sum-15	GT-3	15	5	6.8	5	5.9	4.9	21.1	11900	44578	32678	3.7	12100	37172	25072	3.1
Cotton	Varietal Evaluation	Kharif-15	BT-6	25	10	12.7	9.5	12.7	10.7	21.1	12900	15206	39990	3.8	11800	45012	31012	3.2
Cotton	Varietal Evaluation	Kharif-15	BT-8	25	10	17.4	13.5	17.4	14.1	23.5	12900	74648	60148	5.1	11800	60458	46458	4.3
Cotton	IPM	IPM	BT	16	6	0	0	19.2	16.3	18.1	15437	82613	67176	4.35	11534	70170	56370	4.08
Mustard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linseed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunflower	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soybean	Varietal Evaluation	Varietal Evaluation	JS-335		5.6	16.6	12.5	16.6	13.6	22.5	12800	59700	46900	4.7	11800	48765	0	4.1

* 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	Variety	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										
Pigeonpea	Varietal Evaluation	Vaishali	Vaishali	54	30	15.8	13.8	15.8	15.13	21.6	12686	48865	36179	3.9	11486	40311	28825	3.5
Pigeonpea	Varietal Evaluation	GT-101	GT-101	10	5.0	15.1	11.7	15.1	12.7	18.8	12686	46717	34031	3.7	11486	39339	27853	3.4
Blackgram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Greengram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chickpea	Trichoderm	Bio Agent	GG-2	16	6	17.8	16.6	17.71	15.34	15.7	10000	39855	29855	2.9	9500	34530	25030	2.6
Chickpea	Varietal Evaluation	GG-3	GG-3	11	64	12.8	10	11.9	10.1	18.4	11050	38157	27107	3.5	10000	32213	22213	3.2
Fieldpea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lentil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Horsegrm	0	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 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	Varietal Evaluation	GR-5	25	11.9	11.9	10.5	11.9	10.0	22.8	0	0	10900	14270	3370	1.3	9070	11976	2906	1.3
Paddy	Varietal Evaluation	IR-28	24	14.5	14.5	11.6	14.5	12.2	18.7	0	0	10300	17338	7038	1.7	9150	14610	5460	1.6
Paddy	Varietal Evaluation	Purna	24	14.4	14.4	11.6	14.4	12.2	18.3	0	0	10300	17228	6928	1.7	9150	14575	5425	1.6
Paddy	Varietal Evaluation	NAUR-1	33	33.4	33.4	27.3	33.4	28.1	18.9	0	0	12900	40036	30173	3.3	11800	36463	24263	2.9
Paddy	Varietal Evaluation	GNR-2	30	34.1	34.1	27.2	34.1	28.4	20.1	0	0	13800	44334	30534	3.2	12200	36920	24720	3.0
Wheat	Varietal Evaluation	GW-496	73	12	43	33	39.7	32.8	21.1	0	0	13500	79425	65925	5.9	12500	65616	53116	5.2
Paddy	IPM	IPM	16	6	13.4	12.6	13.4	11.3	18.8	0	0	10700	18769	8069	1.75	9500	15833	6333	1.67
Paddy	Sheath mite	IPM	16	6	13.4	12.6	13.4	12.2	11.5	0	0	10300	17228	6928	1.7	9150	14575	5425	1.6
Waterlogged Situation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coarse Rice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scented Rice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Wheat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wheat Timely sown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wheat Late Sown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barley	0	0	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	0	0
Amaranth	0	0	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	0	0
Jowar	Shoot fly	Seeds Treatment	16	6	36.5	32.6	36.5	33.4	9.1	0	0	10000	16421	6421	1.64	9500	34730	5230	1.55
Bajra	0	0	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	0	0
Finger millet	0	0	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	0	0
Bottlegourd	0	0	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	0	0
Cowpea	0	0	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	0	0
Petha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomato	INM	INM	10	2	368	231	255	219	16.4	0	0	13250	65116	51866	4.91	11250	55863	44613	3.42
French bean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capsicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Chilli	INM	INM	10	2	260	234	245	229	6.04	0	0	11250	60690	40305	4.58	10500	51200	35443	4.26
Chilli	Tricho derma	Bio Agent	16	6	261	235	247	231	6.9	0	0	11250	60690	40305	4.58	10500	51200	35443	4.3
Brinjal	INM	INM	10	2	321	232	248	219	13.3	0	0	12550	63167	50617	5.03	11250	55863	44613	4.91
Brinjal	Tricho derma	Bio Agent	16	6	290	236	245	219	11.9	0	0	12550	62402	49852	4.97	11251	55862	44615	3.97
Vegetable pea	0	0	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	0	0
Okra	0	0	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	0	0
Broccoli	0	0	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	0	0
Onion	0	0	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	0	0
Lettuce	0	0	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	0	0
Cauliflower	0	0	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	0	0
Flower crops	0	0	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	0	0
Bela	0	0	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	0	0
Gladiolus	0	0	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	0	0
Mango	0	0	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	0	0
Guava	0	0	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	0	0

Papaya	0	0	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	0	0	
Watermelon	0	0	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	0	0
Ginger	0	0	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	0	0
Turmeric	0	0	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	0	0
Sugarcane	0	0	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	0	0
Medicinal & aromatic plants	0	0	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	0	0
Kalmegh	0	0	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	0	0
Fodder Crops																			
Sorghum (F)	Fodder management	Introduction of fodder crops	50	50					11.94	300 Quintal/Ha.	270 Quintal/Ha.								
Cowpea (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maize (F)	Fodder management	Introduction of fodder crops	25	25					12	280 Quintal/Ha.	250 Quintal/Ha.								
Hybrid Napier	Fodder manage	Introduction of	50	50	0	0			11.11	280 Quin	240 Quint	0	0	0	0	0	0	0	0

	ment	fodder crops								tal/Ha.	al/Ha.								
Lucern	0	0	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	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	Animal health	Use of ectoparasiticides	50	50	2	6	66.67	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	0	0
Buffalo Calf	0	0	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	0	0
Poultry	0	0	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	0	0
Vaccination	Animal health	To aware farmers about vaccination	50	50	0	2	100	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	0	0
Composite fish culture	0	0	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	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	0
Button Mushroom	0	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	0
Maize Sheller	0	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	0
Vermi Compost	0	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 demonstra	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	Gross Return	Net Return	BCR (R/C	Gross Cost	Gross Return	Net Return	BCR (R/C)

		ted								Cost	n	n	)			n	
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	0	0

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2015-16)

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	0
Pulse crop	0	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	0
Vegetable crop	0	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	0
Other (specify)	0	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	76	0	76	76	0	76
Resource Conservation Technologies	00	00	00	00	00	00	00	00	00	00
Cropping Systems	2	00	00	00	98	2	100	98	2	100
Crop Diversification	00	00	00	00	00	00	00	00	00	00
Integrated Farming	00	00	00	00	00	00	00	00	00	00
Micro Irrigation/irrigation	00	00	00	00	00	00	00	00	00	00
Seed production	2	00	00	00	107	0	107	107	0	107
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	3	00	00	00	106	74	180	106	74	180
Soil & water conservation	00	00	00	00	00	00	00	00	00	00
Integrated nutrient management	5	00	00	00	253	5	258	253	5	258
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	**13**	**00**	**00**	**00**	**640**	**81**	**721**	**640**	**81**	**721**
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	3	00	00	00	19	43	62	19	43	62
Nursery raising	4	00	00	00	124	15	139	124	15	139
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)	**7**	**0**	**0**	**0**	**143**	**58**	**201**	**143**	**58**	**201**
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										
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										
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)	**7**	**00**	**00**	**00**	**143**	**58**	**201**	**143**	**58**	**201**
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	3	00	00	00	20	62	82	20	62	82
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	3	00	00	00	67	41	108	67	41	108
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	1	00	00	00	11	11	22	11	11	22
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**7**	**00**	**00**	**00**	**98**	**114**	**212**	**98**	**114**	**212**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	00	00	00	00	00	00	00	00	00	00
Design and development of low/minimum cost diet	00	00	00	00	00	00	00	00	00	00
Designing and development for high nutrient efficiency diet	00	00	00	00	00	00	00	00	00	00
Minimization of nutrient loss in processing	2	00	00	00	0	95	95	0	95	95
Processing and cooking	3	00	00	00	0	100	100	0	100	100
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	5	00	00	00	0	132	132	0	132	132
Women empowerment	00	00	00	00	00	00	00	00	00	00
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	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**10**	**00**	**00**	**00**	**0**	**327**	**327**	**0**	**327**	**327**
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	00	00	00	00	00	00	00	00	00	00

and implements										
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	5	00	00	00	197	20	217	197	20	217
Integrated Disease Management	1	00	00	00	30	0	30	30	0	30
Bio-control of pests and diseases	1	00	00	00	25	5	30	25	5	30
Production of bio control agents and bio pesticides	2	00	00	00	80	5	85	80	5	85
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**9**	**00**	**00**	**00**	**332**	**30**	**362**	**332**	**30**	**362**
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	3	00	00	00	216	6	222	216	6	222
Group dynamics		00	00	00						
Formation and Management of SHGs	3	00	00	00	75	17	92	75	17	92
Mobilization of social capital		00	00	00						
Entrepreneurial development of farmers/youths	4	00	00	00	72	65	137	72	65	137
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	**10**	**00**	**00**	**00**	**363**	**88**	**451**	**363**	**88**	**451**
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	**56**	**00**	**00**	**00**	**1576**	**698**	**2274**	**1576**	**698**	**2274**

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	1	00	00	00	31	0	31	31	0	31
Resource Conservation Technologies	00	00	00	00	00	00	00	00	00	00
Cropping Systems	7	00	00	00	332	16	348	332	16	348
Crop Diversification	00	00	00	00	00	00	00	00	00	00
Integrated Farming	00	00	00	00	00	00	00	00	00	00
Micro Irrigation/irrigation	00	00	00	00	00	00	00	00	00	00
Seed production	1				27	0	27	27	0	27
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	4	00	00	00	169	0	169	169	0	169

management										
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	**13**	00	00	00	**559**	**16**	**575**	**559**	**16**	**575**
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	2				65	2	67	65	2	67
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)	**2**	00	00	00	**65**	**2**	**67**	**65**	**2**	**67**
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	3	00	00	00	81	10	91	81	10	91
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)	3				81	10	91	81	10	91
c) Ornamental Plants										
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										
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)	**5**				**146**	**12**	**158**	**146**	**12**	**158**
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	3	00	00	00	140	0	140	140	0	140
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	3	00	00	00	37	41	78	37	41	78
Disease Management	1	00	00	00	28	12	40	28	12	40
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)										
Total	**7**	00	00	00	**205**	**53**	**258**	**205**	**53**	**258**
V Home Science/Women empowerment										
Household food security	2	00	00	00	0	47	47	0	47	47

by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet	00	00	00	00	00	00	00	00	00	00
Designing and development for high nutrient efficiency diet	00	00	00	00	00	00	00	00	00	00
Minimization of nutrient loss in processing	2	00	00	00	0	70	70	0	70	70
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	1				0	37	37	0	37	37
Women empowerment	00	00	00	00	00	00	00	00	00	00
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	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**5**	00	00	00	**0**	**154**	**154**	**0**	**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	3	00	00	00	59	15	74	59	15	74
Integrated Disease Management	1	00	00	00	0	21	21	0	21	21
Bio-control of pests and diseases	3	00	00	00	119	74	193	119	74	193
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	00
Total	**7**	00	00	00	**178**	**110**	**288**	**178**	**110**	**288**
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	5	00	00	00	190	8	198	190	8	198
Mobilization of social capital	2	00	00	00	149	124	273	149	124	273
Entrepreneurial development of farmers/youths	1	00	00	00	0	130	130	0	130	130
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	**8**	00	00	00	**339**	**262**	**601**	**339**	**262**	**601**
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	**45**				**1427**	**607**	**2034**	**1427**	**607**	**2034**

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	2	00	00	00	107	0	107	107	0	107
Resource Conservation Technologies	00	00	00	00	00	00	00	00	00	00
Cropping Systems	9	00	00	00	130	18	148	130	18	148
Crop Diversification	00	00	00	00	00	00	00	00	00	00
Integrated Farming	00	00	00	00	00	00	00	00	00	00
Micro Irrigation/irrigation	00	00	00	00	00	00	00	00	00	00
Seed production	3	00	00	00	134	0	134	134	0	134
Nursery management	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	3	00	00	00	106	74	180	106	74	180
Soil & water conservation	00	00	00	00	00	00	00	00	00	00
Integrated nutrient management	00	00	00	00	422	5	427	422	5	427
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	**26**	00	00	00	**1199**	**97**	**1296**	**1199**	**97**	**1296**
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	3	00	00	00	19	43	62	19	43	62
Nursery raising	6	00	00	00	189	17	206	189	17	206
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)	**9**	**00**	**00**	**00**	**208**	**60**	**268**	**208**	**60**	**268**
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	3	00	00	00	81	10	91	81	10	91
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)	**3**	**00**	**00**	**00**	**81**	**10**	**91**	**81**	**10**	**91**
c) Ornamental Plants										
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										
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)	**12**	**00**	**00**	**00**	**289**	**70**	**359**	**289**	**70**	**359**

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	6	00	00	00	160	62	222	160	62	222
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	6	00	00	00	104	82	186	104	82	186
Disease Management	1	00	00	00	28	12	42	28	12	42
Feed & fodder technology		00	00	00						
Production of quality animal products	1	00	00	00	11	11	22	11	11	22
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**14**	**00**	**00**	**00**	**303**	**167**	**470**	**303**	**167**	**470**

V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	00	00	00	0	47	47	0	47	47
Design and development of low/minimum cost diet	00	00	00	00	00	00	00	00	00	00
Designing and development for high nutrient efficiency diet	00	00	00	00	00	00	00	00	00	00
Minimization of nutrient loss in processing	4	00	00	00	0	165	165	0	165	165
Processing and cooking	3	00	00	00	0	100	100	0	100	100
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	6	00	00	00	0	169	169	0	169	169
Women empowerment	00	00	00	00	00	00	00	00	00	00
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	00	00	00	00	00	00	00	00	00	00
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**15**	**00**	**00**	**00**	**0**	**481**	**481**	**0**	**481**	**481**
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	8	00	00	00	256	35	291	256	35	291
Integrated Disease Management	2	00	00	00	30	21	51	30	21	51
Bio-control of pests and diseases	4	00	00	00	144	79	223	144	79	223
Production of bio control agents and bio pesticides	2	00	00	00	80	5	85	80	5	85
Others (pl specify)	00	00	00	00	00	00	00	00	00	00
Total	**16**	**00**	**00**	**00**	**510**	**140**	**650**	**510**	**140**	**650**
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	3	00	00	00	216	6	222	216	6	222
Group dynamics		00	00	00						
Formation and Management of SHGs	8	00	00	00	265	25	290	265	25	290
Mobilization of social capital	2	00	00	00	149	124	273	149	124	273
Entrepreneurial development of farmers/youths	5	00	00	00	72	195	267	72	195	267
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00
Others (pl specify)		00	00	00						
Total	**18**	**00**	**00**	**00**	**702**	**350**	**1052**	**702**	**350**	**1052**
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	**101**	**00**	**00**	**00**	**3003**	**1305**	**4308**	**3003**	**1305**	**4308**

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	1	00	00	00	20	0	20	20	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	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	5	00	00	00	0	116	116	0	116	116
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	**6**				**20**	**116**	**136**	**20**	**116**	**136**

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	00	00	00	00	00	00	00	00	00	00

farm machinery and implements										
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	1	00	00	00	20	0	20	20	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	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	5				0	116	116	0	116	116
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	**6**	**00**	**00**	**00**	**20**	**116**	**136**	**20**	**116**	**136**

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	1	00	00	00	38	0	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	1	00	00	00	0	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	**2**	**00**	**00**	**00**	**38**	**25**	**63**	**38**	**25**	**63**

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	1	00	00	00	38	0	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	1	00	00	00	0	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	**2**	**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										
Increasing production and productivity of crops	4	00	00	00	167	23	190	167	23	190
Commercial production of vegetables	00	00	00	00	00	00	00	00	00	00
Production and value addition										
Fruit Plants	00	00	00	00	00	00	00	00	00	00
Ornamental plants	00	00	00	00	00	00	00	00	00	00
Spices crops	00	00	00	00	00	00	00	00	00	00
Soil health and fertility management	00	00	00	00	00	00	00	00	00	00
Production of Inputs at site	00	00	00	00	00	00	00	00	00	00
Methods of protective cultivation	3	00	00	00	14	97	111	14	97	111
Others (pl. specify)		00	00	00	00	00	00	00	00	00
Total	**7**	**00**	**00**	**00**	**181**	**120**	**301**	**181**	**120**	**301**
Post harvest technology and value addition										
Processing and value addition	**2**	00	00	00	**73**	**0**	**73**	**73**	**0**	**73**
Others (pl. specify)		00	00	00						
Total	**2**	**00**	**00**	**00**	**73**	**0**	**73**	**73**	**0**	**73**
Farm machinery										
Farm machinery, tools and implements	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
Livestock and fisheries										
Livestock production and management	2	00	00	00	1	89	90	1	89	90
Animal Nutrition Management	1	00	00	00	139	0	139	139	0	139
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	**4**	**00**	**00**	**00**	**140**	**89**	**229**	**140**	**89**	**229**
Home Science										
Household nutritional security	4	00	00		72	64	136	72	64	136
Economic empowerment of women	00	00	00	00	00	00	00	00	00	00
Drudgery reduction of women	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**4**	**00**	**00**	**00**	**72**	**64**	**136**	**72**	**64**	**136**
Agricultural Extension										
Capacity Building and Group Dynamics	4	00	00	00	137	56	193	137	56	193
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**4**	**00**	**00**	**00**	**137**	**56**	**193**	**137**	**56**	**193**
GRAND TOTAL	**21**	**00**	**00**	**00**	**603**	**329**	**932**	**603**	**329**	**932**

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	1	00	00	00	28	0	28	28	0	28
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**1**	**00**	**00**	**00**	**28**	**0**	**28**	**28**	**0**	**28**
Post harvest technology and value addition										
Value addition	1	00	00	00	20	0	20	20	0	20
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00
Total	**1**	00	00	00	**20**	**0**	**20**	**20**	**0**	**20**
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	1	00	00	00	20	0	20	20	0	20
Nursery, grafting etc.	00	00	00	00	00	00	00	00	00	00
Tailoring, stitching, embroidery, dying etc.	5	00	00	00	0	116	116	0	116	116
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	**6**	**00**	**00**	**00**	**20**	**116**	**136**	**20**	**116**	**136**
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	**8**	**00**	**00**	**00**	**68**	**116**	**184**	**68**	**116**	**184**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	0	903	0	903
Diagnostic visits	85	447	0	447
Field Day	15	338	0	338
Group discussions	8	84	0	84
Kisan Ghosthi	0	0	0	0
Film Show	36	1477	0	1477
Self -help groups	0	39	0	39
Kisan Mela	2	4945	0	4945
Exhibition	26	11803	0	11803
Scientists' visit to farmers field	60	251	0	251
Plant/animal health camps	5	501	0	501
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	9	1461	0	1461
Method Demonstrations	20	677	0	677
Celebration of important days	3	928	0	928
Special day celebration	0	0	0	0
Exposure visits	4	141	0	141
Others (pl. specify)	8	220	0	220
Total	**281**	**24215**	**0**	**24215**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	1995
News paper coverage	5
Popular articles	1
Radio Talks	0
TV Talks	0
Animal health amps (Number of animals treated)	501
Others (pl. specify)	0
Total	**2502**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Narmada, Dediapada	Text only	52	18	1	0	5	2	78
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**52**	**18**	**1**	**0**	**5**	**2**	**78**
	Total farmers Benefitted	0	0	0	0	0	0	**6192**

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	22	337	Related crop/livestock technology
	Exhibition	1	1124	Related crop/livestock technology
	Film show	10	337	Related crop/livestock technology
	Fair	1	1124	Related crop/livestock technology
	Farm Visit		337	Related crop
	Diagnostic Practical's	13	13	Related crop/livestock technology
	Distribution of Literature (No.)	-	2000 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	47	3272	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	6400	179200	Storage at Godown
	Paddy	GNR-2	GNR-2	1000	30000	Storage at Godown
	Paddy	Purna	Purna	7200	198000	Storage at Godown
Oilseeds	Nizer	GN-2	GN-2	45	3150	Storage at Godown
Pulses	Pigeonpea	Vaishali	Vaishali	350	26950	Storage at Godown
	Gram	GG-3	GG-3	1350	87750	Storage at Godown
	Gram	GG-2	GG-2	580	37700	Storage at Godown
	Gram	PKV-2	PKV-2	590	53100	Storage at Godown
	Green Gram	Meha	Meha	380	41800	Storage at Godown
Commercial crops	0	0	0	0	0	0
Vegetables	0	0	0	0	0	0
Flower crops	0	0	0	0	0	0
Fodder crop seeds	0	0	0	0	0	0
Fiber crops	0	0	0	0	0	0
Forest Species	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total	**0**	**0**	**0**	**17895**	**657650**	**0**

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	0	0	0	0	0	0
	0	0	0	0	0	0
	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	0	0	0	0	0	0
	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	0	0

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	8

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Research Paper	1
Technical bulletins	0
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**
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
	8	84	5	235	15	338	2	4945	26	11803	36	1477
Total	**08**	**84**	**05**	**235**	**15**	**338**	**02**	**4945**	**26**	**11803**	**36**	**1477**

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	Quarantine pest detection and identification	1	1	1
NAU	Entrepreneurship among rural community for sustainable development	1	1	1
NAU	Designing modern crop pest combat strategies with Nematodes and against Nematodes	1	1	1
Total	**3**	3	3	3

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)

1 : Success story, CASE STUDIES. Development of Pulse Village in Narmada district

Case Studies

Name of the KVK- Krishi Vigyan Kendra, Dediapada

Title- Development of Pulse Village in Narmada district

Introduction-Narmada district is tribal dominated district with 78 per cent tribal population distributed in all the four blocks of Narmada district. The 89 per cent of the population of the district resides in villages and depend on agriculture for their livelihood. The district is blessed with a well distributed fairy good amount of rain varying from 800 to 1100 mm. The district has only 40.31 per cent of cultivated land with 43.33 per cent irrigation. Out of four blocks, two blocks viz., Nandod and Tilakwada enjoying prosperity with good irrigation facility while the blocks Sagbara and Dediapada having only 22.01 and 7.66 per cent area under irrigation, respectively. The farmers of these two blocks have to rely on rain for their agriculture. Further, due to undulating land of these two blocks cultivation of crop and storage of water is difficult. Poor economic condition of the farmer and fragmented land holdings are the major constrains. The adoption gap between recommended technology and farmer's practices are wide enough.

KVK Intervention- Technologies for scientific cultivation of gram, urd bean, green gram and pigeon pea was successfully demonstrated in 400 acres of area benefiting 400 farmers in fifty villages of

Narmada District. The selected farmers are belonging to tribal community. The selected farmers were given training on importance of improved variety, use of certified seeds, use of organic fertilizers like FYM, use of micro nutrients, use of low cost- eco-friendly technology like use of bio-fertilizers and seed treatment with Trichoderma, monitoring of Helicoverpa through pheromone trap and management in early stage through neem based pesticides etc using power point presentation using LCD projector, showing film, folders, method demonstrations etc. The farmers were given inputs like seed (GG-2), bio-compost, Trichoderma, Rhizobium, PSB, Pheromone traps, Neem based product and insecticides.

Output- Comparison of yield and economics

(i) Pigeonpea

Particulars	Treated	Untreated	Benefit of treated over untreated area
Area	100 acre	10 acre	-
Actual Yield /ha	1880	1450	31.0 % increase in the yield
Gross income/ha	50760	39150	
Expenditure /ha	11300	9910	
Net Profit	39460	29240	
BCR	1 : 4.49	1 : 3.95	

(ii) Gram

Particulars	Treated	Untreated	Benefit of treated over untreated area
Area	100 acre	10 acre	-
Actual Yield /ha	1480	1130	29.7 % increase in the yield
Gross income/ha	44400	33900	
Expenditure /ha	13600	11500	
Net Profit	30800	22400	
BCR	1: 3.26	1: 2.95	

(iii) Green gram

Particulars	Treated	Untreated	Benefit of treated over untreated area
Area	100 acre	10 acre	-
Actual Yield /ha	927	711	30.4 % increase in the yield
Gross income/ha	31982	24530	
Expenditure /ha	9550	9000	
Net Profit	22432	15530	
BCR	1: 3.35	1: 2.73	

(iv) Urd bean

Particulars	Treated	Untreated	Benefit of treated over untreated area
Area	100 acre	10 acre	-
Actual Yield /ha	880	680	29.4 % increase in the yield
Gross income/ha	28600	22100	
Expenditure /ha	9550	8800	
Net Profit	19050	13300	
BCR	1:2.99	1: 2.51	

Outcomes

a. The farmers of the Narmada districts are using there own seed of local variety; by this project they are now aware about the production potential of new varieties of pulses. Seeing the performance of variety, the other farmers of the village are now willing to grow the demonstrated variety in next season. Some of the farmers have already procure seed form the farmers of demonstrated fields for the next season. The major outcome of the project is there will be definitely increase in seed replacement ratio of pulses in the area.

b. There is increased in awareness about the preservation of seed by proper method for using it next season. The farmers were using their own seed not preserved properly, hence they have to use double seed rate than the recommended by university.

c. Importance of seed treatment with microbial pesticide *Trichoderma* is also visualized by the farmers. In Untreated plots the incidence of wilt is more than 10 per cent while in

demonstrated plot it was hardly one per cent. The farmers are convinced to give seed treatment with *Trichoderma* not only in pulses but in other crops also.

d. The effect of application of micronutrient fertilizers has been visualized by the farmers. They are now aware about its utility, this will definitely increase the use of micronutrient fertilizers.

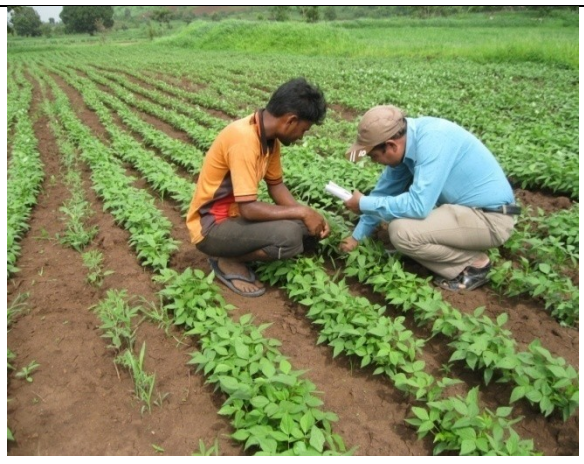
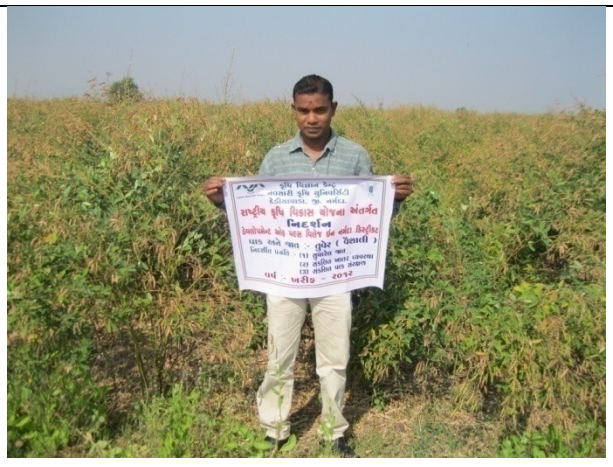
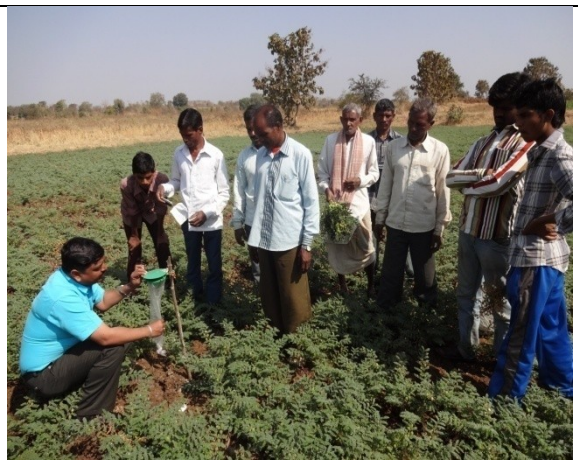
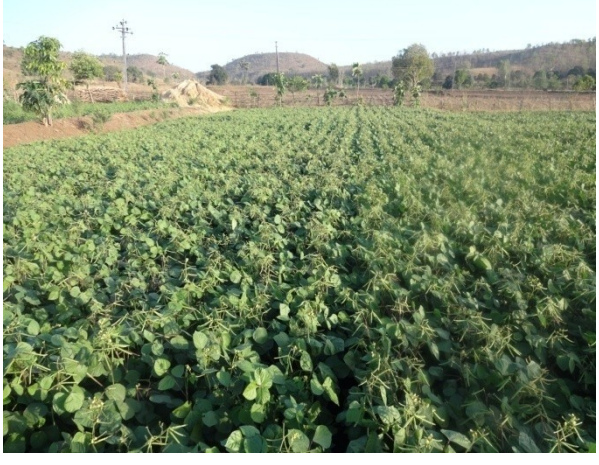
e. Due to reduction in use of organic ferlizers, there was reduction in population of beneficial micro flora in soil. By this project, the application of low cost bio-fertilizer like *Rhizobium* and Phosphorous Solubilizing Bacteria played a role in increasing yield of the crop. Now farmers are willing to use this technology also in next season.

f. For insect pest management, *Helicoverpa* is a major pest of the crop. In training, the importance of regular monitoring by field visits and by pheromone traps in early detection of infestation of *Helicoverpa* and other insect pests has been explained. By frequent monitoring in field and catches of male adults of *Helicoverpa* in the field farmers were able to detect infestation in initial stage and by applying neem based pesticide along with endosulfan, they were successful in managing notorious insect pest *Helicoverpa* in the filed. The adoption of this technology *i.e.* monitoring and management in early stage will definitely goes to increase in the area.

g. The application of scientific package of practices, there is increase in yield by 38 % per cent than the control one. The farmers of the demonstrated villages and nearby area now realized the importance of the scientific method of cultivation of gram with improved variety, proper storage of seeds, use of organic fertilizers, use of bio-fertilizers like *Rhizobium* and PSB, seed treatment with microbial pesticides, *Trichoderma,* early detection of infestation of insect pest through *regular* monitoring through filed visits and by installing pheromone trap leads to effective management in initial stage. There will be definitely increase in adoption of the improved package of practices of pulses in the area which will increase the productivity of pulses in the block, district and state.

Impact-

While adopting the scientific package of practices in pulses in target area or villages, in each village, one plot comprising of one acre area was selected as untreated/control to compare the effect of implementation of the technology was measured in terms of yield parameters. In demonstration plots, the average yield of pigeon pea was 1880 kg/ha while it was 1450 kg/ha in control exhibiting 29.7 % increase in yield in demonstrated plots as compared to control. In gram, the demonstrated plot produced of 1480 kg/ha while it was 1130 kg/ha in control exhibiting 31 % increase in yield in demonstrated plots as compared to control. In green gram, the demonstrated plot produced of 827 kg/ha while it was 711 kg/ha in control exhibiting 30.4 % increase in yield in demonstrated plots as compared to control. In Urd bean, the demonstrated plot produced of 880 kg/ha while it was 680 kg/ha in control exhibiting 29.4 % increase in yield in demonstrated plots as compared to control. The increased in yield by mainly due to overall effect of the scientific method of cultivation with improved variety, use of micronutrients, use of organic fertilizers, use of bio-fertilizers like *Rhizobium* and PSB, seed treatment with microbial pesticides, *Trichoderma,* early detection of infestation of insect pest through *regular* monitoring through filed visits and by installing pheromone trap leads to effective management in initial stage.

	
Field visit	**Demonstration plot**
	
Field visit	**Demonstration plot**
	
Training	**Training**

	
Input distribution	**Khedut shibir**

Name of the KVK- Krishi Vigyan Kendra, Dediapada

Title- Two eye bud technique for Sugarcane Cultivation

Introduction- Through various programmes awareness were created about the importance of improved cultivation of Sugar cane crop . With the timely guidance of KVK scientists Trushal bhai started to change his cultivation pattern.

KVK Intervention- KVK Scientists advise to Trushal bhai adopt the Two eye bud technique for Sugarcane Cultivation with variety of Co-8338 along with all other recommendations. The result of this technique was highly praise worthy by the scientist of NAU as well as villagers too. The yield was in the range of 60 ton /Acre.

Output-

The proper guidance of KVK scientist and with the help of line department, he started to prepare seedlings of Sugar cane. In nutshell, the earning income enhancement of Trushalbhai is about 30-40 % through the adoption of improved cultivation practices. This appreciated performance creating a momentum to adopt the scientific cultivation in this particular village and nearby villages.

Outcomes

Comparison of Traditional and Two eye bud technique for Sugarcane Cultivation

Sr. No	Item	Traditional method	Two eye bud technique
1	Area	20 Acre	20 Acre
2	Crop	Sugar Cane	Sugar Cane
3	Expenses	25000/-	27000/-
4	Production (Ton)	42	60
5	Prices (Ton)	2585/-	2585/-
6	Income	108570/-	155100/-
7	Net Profit	83570/-	128100/-

Impact- After adoption of technology by Kvk Scientists guidance the income was increased about 30-40 % through the adoption of improved cultivation practices.

Tillering of Sugar cane with Two eye bud

Sugar cane plant with Two eye bud

Name of the KVK- Krishi Vigyan Kendra, Dediapada

Title- Advi cultivation in Net house

Introduction- 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. after joining in Krishi vigyan Kendra, ATMA yojna and also participated in seminar

KVK Intervention- He 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

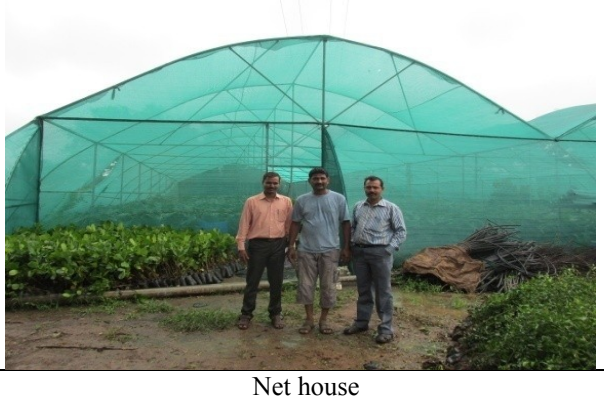
Sr. No	Item	Year		
		2011-12	2012-13	2013-14
1	Area	10 Guthha	10 Guthha	10 Guthha
2	Crop	Advi Cultivation	Advi Cultivation	Advi Cultivation
3	Cost	30000/-	35000/-	42000/-
4	Production	4050 kg	4725 kg	5400 kg
5	Income	162000	189000	216000
6	Net Profit	132000	154000	174000

Impact- After adoption of technology by Kvk Scientists guidance the income was increased through the adoption of improved cultivation practices and recived 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

Name of the KVK- Krishi Vigyan Kendra, Dediapada

Title- Improved technology- Empowering the tribal Farmers

Introduction- One farmer of village Chikda name- Shri Damji Khatria Vasava proved a proverb **"Where there is will there is way"** . He is 65 years old educated up 4thstd and having land about 8.00 acre. Earlier he was also doing the traditional cultivation.

KVK Intervention- A team of scientists visited the village Chikda and contact Damjibhai. The village was adopted by KVK. The major intervention for that village were -

(1) Replacement of traditional variety,
(2) Showing methods,
(3) Fertilizers mamagement,
(4) Plant protection and
(5) Soil fertility managemt.
(6) Seed production and Nursery rising

Through various programmes awareness were created about the importance of improved cultivation. Few demonstrations were given in the village including Damjibhai. As a result Damjibhai was come in the contact of KVK scientists regularly. With the timely guidance of KVK scientists Danmjibhai started to change his cultivation pattern. Scientists advise them to adopt the method of SRI in Paddy with variety of Paddy GNR-2 and NAUR-1 along with all other recommendations.

Output- In initial stage he got the seed of improved variety of Paddy GR-17. The results (10 time higher that traditional variety ie about 2500 kg /ha.) of this variety surprising for him and he decided to adopt the improved variety in all the crops. Not only was that he also interested to adopt all the new methods of cultivation to get more income

Outcomes :

The results of these FLDs were highly praise worthy by the scientist of NAU as well as villagers too. The yield was in the range of 5500 to 7000kg/Ha. Through this very short period activity he earns about 25000 through selling of seedling per year. Damjibhai is also having awareness about the soil fertility management. He used fertilizers and plant protection measures under the guidance of KVK scientists.

Impact:

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

Intervention	Before KVK	After KVK
Method of Farming	Traditional farming	Adoption of SRI & Improved Practices
Seed	Local	GR-7 andSRI in GNR-2 and NAUR-1
Yield (kg/ha)	1000-1200	GR- 7 : 2500-3000 GNR-2 & NAUR-1 : 5500-7000
Improved Seed Produce & selling	---	GNR-2: 200 kg (25 Farmers) NAUR-1:200kg (30 Farmers) Rate: Rs. 20 per Kg.
seedlings of onion	---	Rs. 25,000
Benefit	---	Enhancement of income by 25-30 % (1)Replacement of traditional variety (2) Sowing methods (3) Fertilizers management (4) plant protection and

		(5) Soil fertility management (6) Seed production and Nursery raising
Our Target	Creating a momentum to seed production and adoption of SRI method of Rice cultivation in the district.