ANNUAL REPORT 2014
(April 2014 to March 2015)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, Tingachhiya, Katihar	Office	FAX	katiharkvk@gmail.com
	06452-246875	--	

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

Address	Telephone		E mail
	Office	FAX	vcbausabour@gmail.com
Bihar Agricultural University, Sabour, Bhagalpur, Bihar	0641- 2452606	0641-2452614	

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. S.B. Singh	--	9431810044	katiharkvk@gmail.com

1.4. Year of sanction of KVK: March 2004
F.No.-**4-4/95/AE-1** dated **27 Feb 2004**.

1.5. Staff Position (as on 1st April, 2015)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category
1	Programme Coordinator	Dr. Surendra Bhadur Singh	Programme Coordinator	Dairy Science	37400-67000/60600	17.03.1991	Permanent	Gen
2	Subject Matter Specialist	Smt Basanti Kumari	Subject Matter Specialist	Home Science	15600-39100/26590	20.11.2007	Permanent	SC
3	Subject Matter Specialist	Dr. Sushil Kumar Singh	Subject Matter Specialist	Agronomy	15600-39100/25050	15.06.2009	Permanent	OBC
4	Subject Matter Specialist	Sri Ajay Kumar Das	Subject Matter Specialist	Horticulture	15600-39100/25050	16.06.2009	Permanent	SC
5	Subject Matter Specialist	Sri Pankaj Kumar	Subject Matter Specialist	Extension Education	15600-39100/25050	16.11.2009	Permanent	EBC
6	Subject Matter Specialist	Dr. Rama Kant Singh	Subject Matter Specialist	Soil Science	15600-39100/22280	16.04.2012	Permanent	Gen
7	Subject Matter Specialist							
8	Programme Assistant	Smt Swarn Prabha Reddy	Programme Assistant (Lab. Tech)	B. Sc. (Ag)	9300-34800/14330	30.10.2012	Permanent	OBC
9	Computer Programmer	Sri Amarendra Kumar Vikas	Programme Assistant (Computer)	M.Sc. (IT)	9300-34800/13910	13.05.2013	Permanent	OBC
10	Farm Manager	Sri Om Prakash Bharti	Farm Manager	B.Sc. (Ag)	9300-34800/14330	05.11.2012	Permanent	EBC
11.	Accountant /	Sri Mukesh Kumar	Assistant	M.B.A. (Finance)	9300-34800/139	09.04.2013	Permanent	EBC

	Superintendent				10			
12.	Stenographer	Sri Abhay Kumar	Stenographer	B.A.	5200-20200/10210	17.07.2013	Permanent	EBC
13.	Driver	Sri Dhamendra Kumar	Driver	Matric	6400 fixed	11.04.2005	Temporary	Gen
14.	Driver	Sri Sanjay Kumar	Driver	Matric	6400 Fixed	01.01.13	Temporary	ST
15.	Supporting staff	Sri Arun Mandal	Supporting staff	Matric	5200 fixed	01.07.2005	Temporary	ST
16.	Supporting staff	Sri Sanajay Yadav	Supporting staff	Intermediate	5200 fixed	01.02.2014	Temporary	BC

1.6. Total land with KVK (in ha) : 20 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.50
2.	Under Demonstration Units	0.50
3.	Under Crops	6.00
4.	Orchard/Agro-forestry	5.00
5.	Others	7.00
Total		**20.00**

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of building	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	✓							
2.	Farmers Hostel					✓		Under use	ICAR
3.	Staff Quarters (6)					✓		Under use	ICAR
4.	Piggery unit	✓							
5	Fencing	✓							
6	Rain Water harvesting structure	✓							
7	Threshing floor					✓		Under use	ICAR
8	Farm godown					✓		Under use	ICAR
9.	Dairy unit	✓							
10.	Poultry unit					✓		Under use	ICAR
11.	Goatary unit					✓		Under use	ICAR
12.	Mushroom Lab					✓		Under use	ICAR
13.	Mushroom production unit					✓		Under use	ICAR
14.	Shade house					✓		Under use	ICAR
15.	Soil test Lab					✓		Under use	ICAR
16.	Threshing floor					✓		Under use	RKVY
17.	Processing Hall				✓				RKVY
18.	Generator Room					✓		Under use	RKVY
19.	Godown					✓		Under use	RKVY

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs. in lakh)	Total km. Run	Present status
Bolero Jeep	2005	4.65	1,73,035	Not in good condition
Tractor M.F.	2005	5.00		Not in good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. **Lab equipment**				
Bunsen Burner for LPG Gas	2014	350/-	Good	ICAR
Muffle Furnace 4"X4"X9" Chamber Size Make TANCO	2014	19500/-	Good	ICAR
Viscometer Ostwald glass	2014	350/-	Good	ICAR
Max-Min Thermometer	2014	1350/-	Good	ICAR
Hygrometer Make- Imported Digital	2014	3745/-	Good	ICAR
Automatic Vortexing Machine Cyclo Mixer TANCO make	2014	4500/-	Good	ICAR
Grinder	2014	30000/-	Good	ICAR
Mechanical Shaker	2013	29000/-	Good	ICAR
Electronic Balance	2013	68000/-	Good	ICAR
PH meter	2013	14245/-	Good	ICAR
Flame Photometer	2013	39770/-	Good	ICAR
Hot Air Oven	2013	21500/-	Good	ICAR
Hot Plate	2013	8500/-	Good	ICAR
Digital Conductivity meter	2013	10000/-	Good	ICAR
Double Distillation Unit	2013	40000/-	Good	ICAR
b. Farm machinery				
c. AV Aids				
Camera (Digital)	2015	23,500	Good	Current
Xerox Machine Canon	2006	1,00,000	not in good condition	ICAR
Camera (Digital)	2007	15,000	Not in good condition	ICAR
TV with DVD	2007	15,000	Good	ICAR
Generator Set	2009	49,500	Good	ICAR
Computer with Accessories	2008	50000	Good	ICAR
Digital Weighing machine	2011	19500	Good	ICAR

PA System	2011	24679	Good	ICAR
Projector with Accessories	2011	99800	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Ridger	2014	8000	Good	RF
Power reaper Tractor operator	2012	79500	Good	ICAR
Cultivator 9 tine	2012	17500	Good	ICAR
Power Sprayer	2012	9500	Good	ICAR
Disc Harrow 12 disc	2012	38500	Good	ICAR
Tractor operated Winnower	2012	14500	Good	ICAR
Power chain sow	2012	38500	Good	ICAR
Thresher (Multi crop)	2012	87500	Good	ICAR
Rotavator	2012	87840	Good	ICAR
Disc plough 2 disc	2012	20500	Good	ICAR
Land leveler	2011	9000	Good	RF
Hand winover	2011	4000	Good	RF
Mobile Seed processing plant	2011	970000	Good	RKVY
Tractor drawn reaper	2011	57000	Good	RKVY
Zero till seed cum fertilizer drill	2011	39480	Good	RKVY

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

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	09.12.2014	45	Given below	Given Below	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

PROCEEDING OF SCIENTIFIC ADVISORY COMMITTEE MEETING AT KVK, KATIHAR

The 5th Scientific advisory Committee Meeting was held at 11 A.M. on 09/12/2014 at KVK, Katihar in the Training Hall . Dr. U.S. Jaiswal Associate Dean Cum Principal Charing the session. Members present in this meeting are annexed herewith. Dr. S.B.Singh, Programme Coordinator of KVK, Katihar made a brief welcome to the Hon'ble members and requested the dignitaries to inaugurate the meeting by lightening the lamp and requested the Chairman to conduct the meeting.

After a brief introductory remark, the Chairman asked the Programme Coordinator to start the proceedings as per the agenda.

Agenda-1 Approval of the proceedings of last SAC meeting.

The Programme Coordinator briefly presented the proceedings of the last SAC meeting and stated that it has been circulated to all the members. He also presents the proceedings in the meeting. The chairman taking the consent of the members approved the proceedings.

Agenda-2 Action taken on the proceedings of last SAC meeting.

The Programme Coordinator presented the following actions taken on the recommendations of last SAC meeting.

Agenda - 3 Suggestion from Hon'ble members.

- Assistant Director Horticulture raise the issue of Panama Bilt in Banana and the Chairman suggested that please arrange Kisan Chaupal the most effective block Falka, Kursela, Mansahi , Sameli. Assistant Director Horticulture also focus upon avaibility of Mango, Guava and Litchi Plants.

  (Action: Programme Coordinator)
- District Vatnery officer suggested about to arrange Animal Health Camp in remote areas.

  (Action: Programme Coordinator)
- District Fisheries officers suggested about to arrange training programmes in Fisheries discipline .

  (Action: Programme Coordinator)
- District Project Manager Jeevika focused about to organise training programme of VRPs of Jeevika.

  (Action: Programme Coordinator)
- Project Director ATMA suggested to organise training programme of Urban Unemployed youths and organise Technology Week. He also suggested to make IFS model for the betterment of Farmer's.

  (Action: Programme Coordinator)
- Representative of PATH ANGIKANCHAL (NGO) suggested to organise training programme upon Marketing of commodities.

  (Action SMS EE)
- Representative of etv (Anndata) suggested to prepare Audio Visual Aids for the betterment of farming community.

  (Action SMS EE)
- Sri Lalit Singh Farmer suggested about to create awareness among farmers about enhancement of Milk Production.

(Action: Programme Coordinator)

- Dr. Mukesh Singh suggested about awareness among farmers for IPM. Chairman suggested that please prepare a book upon IPM.

(Action Sri Mukesh Singh)

- Dr. K.Laxman suggested about the mechanization in Agriculture.

(Action: Programme Coordinator)

Agenda 4 Action Plan of K.V.K.

The Programme Coordinator presented the detailed action plan for 2013-14. This includes OFTs, FLDs and trainings to farmers, farmwomen, rural youth and extension functionaries. The chairman requested the members for interactions and suggestions are recorded.

The meeting was ended at 3.30 pm with vote of thanks by Mr. Pankaj Kumar, SMS (Extension Education) followed by visit of the members to different demonstration unit of the KVK.

Annexure 1

List of Participants

- Dr. U.S. Jaiswal, Associate Director Extension Education, BAU, Sabour
- Dr. M. Rohman, Officer in incharge, Jute Research Station, Katihar
- Dr. S.B. Singh, Programme Cordinator, Krishi Vigyan Kendra, Katihar
- District Animal Hunbandry officer, Katihar
- General Manager, district Industries and commerce centre, Katihar
- District Dairy Development officer, Katihar
- Incharge, FLCC, Katihar
- District Fisheries Officer, Katihar
- Assistant Director, Horticulture, Katihar
- Project Director, ATMA, Katihar
- Sri Shashi Kant Jha, Deputy Project Director, ATMA, Katihar
- District Project Manager, Jivika, Katihar.
- Dr. Mukesh Kumar Singh, Scientist, Jute Research Station, Katihar
- Dr. konero Laxman, Assistant Professor, Jute Research Station, Katihar
- Dr. Pratho Dev Roy, Scientist, Jute Research Station, Katihar
- Dr. Kunal Pratap Singh, Scientist, Jute Research Station, Katihar
- Smt. Basanti Kumari, SMS, Krishi Vigyan Kendra, Katihar
- Dr. Sushil Kumar Singh, SMS, Krishi Vigyan Kendra, Katihar
- Sri Ajay Kumar Das, SMS, Krishi Vigyan Kendra, Katihar
- Sri Pankaj Kumar, SMS, Krishi Vigyan Kendra, Katihar
- Dr. Rama Kant Singh, SMS, Krishi Vigyan Kendra, Katihar
- Sri Sanjay Kumar Singh, Path Angikanchal, Katihar
- Sri Rajiv Kumar, Farmer, Katihar
- Sri Lalit Kumar, Farmer, Katihar Katihar
- Sri Ram Sunder Mahato, Farmer, Katihar
- Sri Tuntun Mandal, Farmer, Katihar
- Smt Karuna Devi, Farmer, Katihar
- Smt Sudha Devi, Farmer, Katihar
- Smt Sabita Devi, Farmer, Katihar
- Smt Manjula Devi, Farmer, Katihar

- Smt Pinky Devi, Farmer, Katihar
- Smt Swarn Prabha Reddy, Programme Assistant(Lab. Tech), KVK, Katihar
- Sri Om Prakash Bharti, Farm Manager, Krishi Vigyan Kendra, Katihar
- Sri Mukesh Kumar, Assistant, Krishi Vigyan Kendra, Katihar
- Sri Amarendra Kumar Vikas, Programme Assistant(Comp), KVK, Katihar
- Sri Abhay Kumar, Stenographer, Krishi Vigyan Kendra, Katihar

2. District level data on agriculture, livestock and farming situation (2014-15)

<table>
<tr><th>Sl. no.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>1. Paddy-Wheat based farming system
2. Paddy-Maize based farming system
3. Paddy- Mustard- Boro paddy based farming system
4. Fish Culture
5. Bamboo Production & Processing
6. Mushroom Production
7. Makhana Cultivation and primary processing
8. Poultry production
9. Vermi Compost production</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td>Zone-II (North – East Alluvial Plain) High Temperature, High Humidity, Sandy to clay soil, Flood Prone area</td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>Up land sandy soil -Suitable for maize, wheat, Banana,
vegetables & fruits
Medium Sandy loam soil- Wheat, Maize, Jute, Rice, Oil seeds & pulses & vegetable & fruits cultivation
Low lying clay soil -with flood & water lodging condition Suitable for Boro paddy, Makhana& paira cropping
Diara land of Kosi, Ganga and Mahananda with sandy . loamy soil -suitable for Rabi Maize, wheat, oil seeds pulses & cucurbitaceous vegetable flooded during Kharif Season</td></tr>
<tr><td>4</td><td>Soil type</td><td>Up land sandy soil- Suitable for vegetables wheat, maize, Banana
Medium Loamy Soil -Well drained rich in organic carbon suited for wheat, Maize, oil seeds and pulses & vegetables
Low lying clay soils -Suitable for Makhana, Boro paddy & fishery etc
New alluvial diara land soil -Deposition of clay soil year after year good for Rabi crops.</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others</td><td>
<table>
<tr><th>Name of Crops</th><th>Productivity(q/ha)</th></tr>
<tr><td>Rice</td><td>45.50</td></tr>
<tr><td>Maize</td><td>71.00</td></tr>
<tr><td>Wheat</td><td>33.20</td></tr>
<tr><td>Pigeonpea</td><td>16.50</td></tr>
<tr><td>Mustard</td><td>13.00</td></tr>
<tr><td>Pulses (others) (lentil)</td><td>12.00</td></tr>
</table>
</td></tr>
</table>

		Potato	16.36
		Okra	12.79
		Cauliflower	16.69
		Brinjal	20.80
		Banana	48.00
		Tomato	19.79
		Cabbage	16.90
		Chili	11.60
		Mango	7.90
		Guava	8.00
		Lichi	7.58
		Onion	19.86
		Merigold	8.0

6	Mean yearly temperature, rainfall, humidity of the district	Month	Temperature (^{0}C)		Rainfall (cm)
			Max	Min	
		April,2014	38.80	21.30	0
		May,2014	38.90	25.00	232.32
		June,2014	36.76	26.56	65.59
		July,2014	33.67	26.19	205.74
		August,2014	33.45	26.12	234.70
		Sept,2014	33.40	25.06	154.78
		Oct,2014	31.67	20.83	26.28
		Nov,2014	28.30	14.20	00.00
		Dec,2014	21.64	21.64	3.10
		Jan, 2015	22.76	10.61	35.72
		Feb, 2015	27.17	13.85	9.12
		March, 2015	31.32	17.45	17.77
		Mean Yearly	**31.48**	**20.73**	**82.09**

7	Production of major livestock products like milk, egg, meat etc.	Name of livestock	Total(No of Cattle)
		Cow	399287

		Buffaloes	70734
		Goat	445861
		Sheep	6700
		Poultry	1122122
		Fish	8643 ton

2.6 Details of operational area / villages (2014-15)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Katihar	Korha	Musapur	Vegetable Banana Paddy Maize Oil Seeds	Lack of high yielding varieties, pest & diseases control	Varietal Improvement,Promotion of IPM Practices
2.		Katihar	Sirsa	Banana Jute, Makhana, Wheat, Paddy , Maize, Vegetables	Women empowerment, Lack of high yoelding varieties, Pest & Disese control	Varietal Improvement,Promotion of IPM Practices Promotion of Banana Makhana based farming system and jute cultivation
3.		Mansahi	Bhairmara	Vegetables, Paddy, Maize, Boro Paddy	Lack of high yielding varieties, pest & diseases control	Varietal Improvement,Promotion of IPM Practices Promotion of Banana Makhana based farming system and jute cultivation

4.		Mansahi	Phulhara	Maize, Pulses, Paddy, Wheat, Vegetables	Lack of high yielding variety, pest & diseases control, INM	Varietal Improvement,Promotion of IPM Practices Promotion of INM Practices
5.		Mansahi	Lahsa	Vegetable Boro Paddy, Oil Seeds Maize	Lack of high yielding variety, pest & diseases control, INM	Varietal Improvement,Promotion of IPM Practices Promotion of INM Practices

(b) Details of village adoption programme:

Name of the villages adopted by PC and SMS in 2014-15 for its development and action plan

Name of village	**Block**	**Action taken for development**
Musapur	Korha	Organise OFT, FLD , Training Programmes
Sirsa	Katihar	Organise FLD,, Training Programmes for targeted population
Bhairmara	Mansahi	Organise training programmes, Kisan Chaupla, Farmer's exposure tour
Phulhara	Mansahi	Organise training programmes, Kisan Chaupla, Farmer's exposure tour
Lahsa	Mansahi	Organise training programmes, Kisan Chaupla, Farmer's exposure tour

(c) Sansad Adarsh Gram Yojona

i) Name of the village under Sansad Adarsha Gram Yojona: **NIMA, KATIHAR**
ii) Contribution of KVK in the programme:
Organise Kisan Chaupal
Organise krishak Gosthi

2.7 Priority thrust areas

S. No	Thrust area
1.	Soil test based nutrition management in crop plants of the district
2.	Development of Suitable cropping system for diara ,tal and alkaline land of the district
3.	Implementation of women programmes in relation to food, nutrition and drudgery
4.	Promotion of Enterpreneurship development
5.	Soil test based nutrition management in crop plants of the district.
6.	Promotion of Banana, Makhana based farming system and jute cultivation.
7.	Promotion and adoption of Integrated farming system for the district.
8.	Development of Suitable cropping system for diara, tal and alkaline land of the district.
9.	Technology dissemination through production and supply of plant and seed materials

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during 2014-15

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
14	11	301	271	18	21	335	412

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
157	193	3555	5861	568	972	7085	10028

Seed production (q)		Planting material (Nos.)		
Target	Achievement	Target		Achievement
Paddy	54.0	Litchi	500	-
Wheat	94.0	Lemon	500	-
Potato	13.0	Guava	500	-
Arhar	4.3			
Mustard	1.18			

@Target should match with your midterm report

3.1 Achievements on technologies assessed and refined

OFT (Horticulture)

SN	Particulars	Description
1.	Intervention	Horticulture
2.	Title	Assessment of different rooting media for air layering in litchi
3.	Micro farming situation	Upland
4.	Production system	Horticulture based
5	Thematic area	Planting Material Propagation
6.	Problem	Lacking of quality rooting media for making planting materials and poor survival percentage.
7.	Potential solution	Good quality rooting media at economic price may reduce the mortality and improve the quality.
8.	Source of technology	BAU, Sabour.
9.	Technology option	**1.** NAA 5000 ppm+ Sphaganum moss **2.** 1BA 5000 ppm+ Sphaganum moss **3.** Sphaganum moss **4.** River bed soil (Farmers Practice)
10.	Plot Size	50 saplings /treatment
11	No of farmer	10
12	Critical input	Rooting Media, Polythene wrapper Lanolin paste
13	Performance indicator	**Technical observations** 1. Rooting (%) 2. No. of Primary roots 3. Length of Primary roots (Cm) 4. No of Secendory roots 5. Days of come leaf after detachment **6.** Survival (%)
	Economic Indicator	Gross Return, Net return (Rs/ha), B C ratio
		Farmers' reaction/ feedback

Table:1 air layering in litchi as influences by different rooting media

Technical Option	Rooting (%)	No. of Primary roots	Length of Primary roots (Cm)	No of Secendory roots	Days of come leaf after detachment	Survival (%)
Option I. NAA 5000 ppm + Sphagnum moss	70.74	11.33	4.50	33.38	21.10	77.32
Option II IBA 5000 ppm + Sphagnum moss	86.83	14.12	5.43	40.68	18.50	91.69
Option III Sphagnum moss	58.93	8.17	3.60	24.29	22.8	69.22
Option IV- Soil Coverage (Farmer Practice)	47.53	6.16	2.05	15.60	27.60	50.28

Table:2 Economics of air layering in litchi as influences by rooting media

Treatment	Cost of cultivation /500 layers	Gross income(Ave. survival layers)	Net income (Ave. survival layers)	B:C ratio
Option I. NAA 5000 ppm + Sphagnum moss	3650	11700	8050	3.2
Option II IBA 5000 ppm + Sphagnum moss	3780	13650	9870	3.6
Option III Sphagnum moss	3510	10500	6990	2.99
Option IV- Soil Coverage (Farmer Practice)	3010	7530	4520	2.55

RESULT:-

The data related to air layering in litchi present in table. I observed that the TO-II perform better(Survival 91.69 % and rooting 86.83%) over farmer practices (Survival 50.28 % and rooting 47.53%). Its possible due to the uses of IBA 5000 ppm along with sphagnum moss . It is also clear from the data that IBA perform better over NAA along with sphagnum moss . In reference to the BC ration of this study. It is found that the TO-II perform better over TO-4 and other treatments.

ON FARM TRIAL (HORTICULTURE)

SN	Particulars	Description
1.	Intervention	Horticulture
2.	Title	Effect of Bio-pesticides and chemicals against Onion thrips
3.	Micro farming situation	Medium land
4.	Production system	Onion
5	Thematic area	Plant protection against insect
6.	Problem	Farmers grow onion in large area due to more yield and income in January planting in Kosi region. Thrips being the most common insect pest causing low yield and poor quality bulbs which results in marketable losses of farmers.
7.	Potential solution	Thrips lacrate the leaf surface by their rasping and sucking type of mouth. To reduce the population below threshold level by applying bio-pesticide and chemicals, which ultimately increase the yield with good quality onion for better economical yield.
8.	Source of technology	RAU, Pusa.
9.	Technology option	(i) Profenophos @ 1ml/Lit (ii) Crude Neem oil @ 4ml./Lit.water. (iii) Neem cake extract @ 50 gm./Lit. water (iv) Imedachloroprid SL @1ml./Lit. water (v) Farmers practice.
10.	Plot Size	0.5 acre.
11	No of farmer	8(Eight)
12	Critical input	Chemicals, Bio-pesticides.
13.	Perform indicator	**Technical observations** ((1) Thrips population after each spray/plant (2) Total yield(q/ha) (3) Marketable yield (q/ha.) (4) Damage % (5) Leaf damage %
14	Design:	**RBD**
		Economic Indicator Net return, B:C ratio
		Farmers' reaction/ feedback

DATA

Treat-ments	Nos. of Farmers (replication)	Thrips population after 4th spray/plant	total yield (q/ha)	Market-able yield (q/ha)	bulb damage %	Cost of cultivation (Rs./ha.)	Total income (Rs./ha.)	Net income (Rs/ha.)	B:C Ratio)
Neem Oil @ 4ml/ lit	10	8.06	237.97	211.61	11.09	85132.50	312124.75	226992.25	3.67
Profenophos @ 1ml/lit		5.23	226.95	228.44	8.41	86510.25	336949.00	250438.75	3.89
Imidachloroprid SL @ 1ml/ lit		4.20	261.41	248.71	4.86	86730.30	366847.25	280116.95	4.23
Neem Cake extract		8.56	232.19	198.17	14.61	87150.50	292297.80	205147.30	3.35
Farmer Practics		44.34	224.31	181.47	19.13	83950.75	246799.20	162848.45	2.94

Result:-

Observation of Bio-pesticide and chemical insecticide showed that chemical insecticide proved better effect on controlling population of onion thrips over control. During observation it was found that Imedachloroprid showed best among four treatments. It was also found that thrips population comes down to 4.20 thrips/plant with application of Imedachloroprid over control 44.34 thrips/plant. From the date it was clear that maximum marketable yield (248.71 qtl/ha) total yield (261.41qtl/ha) and list bulb damage percentage (4.86) with the application of Imedachloroprid over control (Marketable yield- 181.47 qtl/ha, total yield 224.31 qtl/ha and buld damage percentage 19.13) respectively.

OFT (Agronomy)

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Integrated weed management in Jute
3.	Micro farming situation	Medium to Low land
4.	Production system	Rice-Wheat
5	Thematic area	Weed management
6.	Problem	Jute crop is heavily infested with common weeds during the crop growth period resulting in to poor crop growth and loss in yield of crop.
7.	Potential solution	The integrated method of weed management practices through chemical and mechanical ways helps in reducing weed population and also reduces cost of cultivation.
8.	Source of technology	CRIJAF, Kolkata
9.	Technology option	1 Farmers Practice (No weeding) 2 Hand weeding at 15 and 35 DAS 3 Pretilachlore @ 1000 ml a.i. /ha pre emergence + Use of Nail weeder at 25 DAS 4 Quizalofop ethyl @60 ml a.i. /ha at 25 DAS
10.	Plot Size	0.10 ha
11	No of farmer	10
12.	Critical input	Seed, Fertilizers, Chemicals
13.	Perform indicator	**Technical observations** Crop: Plant height, Basal diameter, fibre yield. Weed: Weed Biomass (q/ha)
14.		Economic Indicator Gross return, Net return, BC ratio
15.		Farmers' reaction/ feedback

Table 1 Weed Biomass as influenced by the different treatments

Treatment	**Weed Biomass (q/ha)**	
	15 DAS	**35 DAS**
Farmers Practice (No weeding)	2.52	4.73
Hand weeding at 15 and 35 DAS	2.34	2.18
Pretilachlore @ 1lit a.i./ha pre emergence + Use of Nail weeder at 25 DAS	1.12	2.56
Quizalofop ethyl @60 ml a.i /ha at 25 DAS	2.17	2.42

Table 2 : Yield attributing characters & yield of Jute as influenced by different treatments

Treatment	Plant height (cm)	Basal Diameter (cm)	Green weight of plant (q/ha)	Fiber Yield (q/ha)
Farmers Practice (No weeding)	256	1.53	250.03	23.68
Hand weeding at 15 and 35 DAS	273	1.91	306.38	29.55
Pretilachlore @ 1000 ml a.i./ha pre emergence + Use of Nail weeder at 25 DAS	295	1.86	255.88	26.64
Quizalofop ethyl @60 ml a.i /ha at 25 DAS	297	1.66	278.73	27.07

Table 3 : Economics of jute as influenced by different treatments

Treatment	Cost of Cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
Farmers Practice (No weeding)	25350	47360	22010	1.87
Hand weeding at 15 and 35 DAS	28800	59900	31100	2.07
Pretilachlore @ 1000ml a.i./ha pre emergence + Use of Nail weeder at 25 DAS	27600	53280	25680	1.93
Quizalofop ethyl @60 ml a.i /ha at 25 DAS	26850	54140	27290	2.02

Result :

Hand Weeding at 15 and 35 DAS gives the highest yield (29.95 q/ha) net return (Rs 31100/ ha) and B:C ratio (2.07) followed by application of quizalofop ethyl @ 60 gm q/ha at 25 DAS.

OFT (Agronomy)

S.N.	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Assessment of Rice -Wheat Cropping System in Katihar District
3.	Micro farming situation	Medium Irrigated Land
4.	Production system	Rice Wheat
5	Thematic area	Cropping System
6.	Problem	Delayed harvesting of long duration Paddy variety (MTU 7029) facilitates delayed planting and results in poor yield of wheat
7.	Potential solution	Selection of suitable paddy variety will provide sufficient environment for timely sowing of wheat
8.	Source of technology	BAU, Sabour
9.	Technology option	**1.** Farmers Practice (Paddy(MTU 7029) - wheat) **2.** Medium duration Paddy (Sahbhagi) - wheat **3.** Medium duration Paddy (hybrid Rice) - wheat
10.	Plot Size	0.10 ha
11	No of farmer	10
12	Critical input	Seed.
13.	Performance indicator	Yield and yield attributing characters, No. of grains/ Panicle
	Economic Indicator	Gross Return, Net return (Rs/ha), BC ratio
		Farmers' reaction/ feedback

Table1 : Yield attributing characters of paddy as influenced by different treatments

Treatment	No. of effective tillers/sq meter	No. of grains/ Panicle	Test Weight (g)	Yield (q/ha)
Farmers Practice (Paddy(MTU 7029) - wheat)	382	129	24.02	37.98
Medium duration Paddy (Sahbhagi) - wheat	347	113	21.8	34.15
Medium duration Paddy (hybrid Paddy) - wheat	409	132	22.0	41.32

Table 2.: Economics of paddy as influenced by different treatments

Treatment	Cost of Cultivation (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmers Practice Paddy (MTU 7029) - wheat)	22850	49374	26525	2.16
Medium duration Paddy (Sahbhagi) - wheat	23700	44395	20695	1.87
Medium duration Paddy (hybrid Paddy) - wheat	24250	53716	29466	2.22

Result :

Hybrid paddy gives maximum yield (41.32 q/ha) with net return (Rs. 25466 /ha) and B:C ration (2.22).

OFT Agronomy

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Assessment of the sowing time of rabi hybrid maize in Katihar District.
3.	Micro farming situation	Medium irrigated land.
4.	Production system	Rice-Maize/Wheat
5	Thematic area	ICM
6.	Problem	Rabi maize sown in mid-October is facing problems of non grain setting
7.	Potential solution	Shifting in the sowing time of rabi maize may increase grain setting and thereby yield.
8.	Source of technology	R.A.U, Pusa.
9.	Technology option	1. Farmers practice (sowing of rabi maize between 15-25 October. 2. Sowing of rabi maize on 30 October to 5 November 3. Sowing of rabi maize on 10 - 15 November
10.	Plot Size	0.20 ha
11	No of farmer	8
12	Critical input	Seed (Hybrid Maize)
13.	Perform indicator	**Technical observations** 1. No. of Grains/Cob 2. Grain Yield(q/ha)
		Economic Indicator 1. Cost of Cultivation (Rs./ ha) 2. Gross return (Rs./ha),Net return(Rs/ha) **3.** B:C ratio
		Farmers' reaction/ feedback

Technology option	No. of trials	No. of grains per Cob	Yield (q/ha)	Groos Cost (Rs/ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
TO_1	08	122	68.70	28900	68700	39900	2.44
TO_2	08	136	73.25	28200	73250	44850	2.59
TO_3	08	141	74.79	28200	74790	46650	2.65

RESULT:-

Result:- Sowing of Rabi Maize on 10-15 November gives the highest yield (74.79q/ha), net return (Rs 56650/ha)and B:C ration (4.11) followed soewing of rabi maize on 30 October to 05 November.

OFT (Agronomy)

1.	Title of On farm Trial	To assess the performance of timely sown Wheat variety under irrigated medium land condition.
2.	Problem diagnose	Unawarness about variety of timely sown wheat varities.
3.	Details of technologies selected for assessment/refinement	TO_1 = Farmers practice (PBW343) TO_2 = HD- 2733 TO_3 = HD- 2824 TO_4 = HD- 2967 TO_5 = HD 1544
4.	Source of Technology	IRAI, New Delhi
5.	Production system and thematic area	Crop Production
6.	Performance of the Technology with performance indicators	1. Yield 2. Cost of cultivation(RS/ha) 3. Net return(Rs/ha) 4. Gross return (Rs/ha) 5. B:C ratio

Final Result

Technology option	**Yield(q /ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
Farmer Practices (PBW 343)	38.76	17500	42636	21260	2.43
HD-2733	42.35	18500	46585	28850	2.51
HD- 2824	41.44	18500	45584	27084	2.46
HD- 2967	40.83	18500	44913	26413	2.42
HD 1544	40.16	18500	44176	25676	2.35

RESULT:-

Among timely sown varieties HD-2733 gives maximum yield (42.35 q/ha), with Net return (28850 Rs/ha) and B/C Ratio (2.51)

OFT (Agronomy)

1.	Title of On farm Trial	To assess the performance of late sown wheat variety under irrigated medium land condition.
2.	Problem diagnose	Unawareness about suitable late sown wheat variety
3.	Details of technologies selected for assessment/refinement	TO_1 = Farmers practice (Local Wheat seed) TO_2 = HW- 2045 TO_3 = HI- 1563 TO_4 = HD- 2985
4.	Source of Technology	IARI, Pusa, New Delhi
5.	Production system and thematic area	Crop Production
6.	Performance of the Technology with performance indicators	Yield(q/ha) Cost of cultivation(Rs/ha) Gross return(Rs/ha) Net return(Rs/ha) B:C ratio

Table : Effect of late sown wheat variety under irrigated medium land condition

Technology option	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers practice	26.31	16300	28941	12641	1.78
HW- 2045	31.79	17100	34569	17869	2.04
HI- 1563	33.82	17100	37202	20102	2.18
HD- 2985	32.63	17100	35893	18793	2.04

RESULT:-

The On farm Trail for asses the performance of late sown Wheat varities under irrigated medium land condition utilized that the variety HI -1563 perform better aming all issued varieties whith grain yield 3382 q/ha, net return Rs 20102/ha and the B:C ratio is was 2.18

OFT (Soil Science)

SN	Particulars	Description
1.	Intervention	Soil Science
2.	Title	To Assess the technological option by utilizing Zn & B on growth and yield attributes of paddy (*Oryza sativa* L.)
3.	Micro farming situation	Medium land
4.	Production system	Paddy- wheat
5	Thematic area	Integrated Nutrient Management
6.	Problem	In Koshi region, micronutrient deficiency, like zinc & B in rice is causing substantial yield losses.
7.	Potential solution	The application of micronutrients like Zn and B may increase the growth and yield of Paddy.
8.	Source of technology	BAU, Sabour
9.	Technology option	TO_1= Farmers Practice (100:40:20 kg N: P_2O_5: K_2O /ha through urea,DAP, and Muriate of Potash) TO_2= RDF + Zinc Sulphate @ 25 $kgha^{-1}$ TO_3= RDF + Borax @ 15 $kgha^{-1}$ TO_4= RDF + Zinc Sulphate @ 25 $kgha^{-1}$ + Borax @ 15 $kgha^{-1}$
13.	Perform indicator	Technical observations Growth,Yield Attributes,Maturity,Soil Test before and after Trial,

Table 1: Physico-chemical properties of experimental soil

Experim-ental Soil	pH (1:2.5)	ECe (1:2.5)	OC (%)	Available nutrients (Kg ha^{-1})			Available micronutrients (ppm)				
				N	P	K	Zn	Cu	Fe	Mn	B
Initial	6.09	0.094	0.55	245.98	37.62	198.78	2.08	5.09	49.98	51.67	0.62
Final	6.07	0.12	0.56	213.84	27.87	203.99	2.61	5.43	50.36	49.28	0.71

Table 2: Effect of Zn and B on growth attributes of rice (*Oryza sativa* L.)

Treatments	Plant height (cm)	No of Tiller Per Plant	Ear bearing Tillers per plant	Panicle length (cm)	Spikelets /panicle	Filled Spikelets /panicle	Effective tillers	Test weight (g)
TO_1	92.65	10.21	8.24	21.15	158.54	112.25	131.84	21.24
TO_2	108.26	15.64	12.85	26.71	165.26	135.24	205.60	21.29
TO_3	109.65	15.45	12.52	26.25	172.28	137.20	200.32	21.65
TO_4	125.21	17.92	14.56	30.14	182.25	142.58	232.96	22.12

Table 3: Effect of Zn and B on yield attributes and benefit cost of rice (*Oryza sativa L*)

Treatments	Grain yield yield (t/ha)	Straw yield (t/ha)	Harvest Index (%)	Cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	Return per Rupee invested (BC ratio)
TO_1	3.32	4.65	41.66	30033.00	54520.00	24487.00	1.82
TO_2	5.18	6.75	43.42	31585.00	83650.00	52065.00	2.65
TO_3	5.13	6.98	42.36	31970.00	83669.00	51699.00	2.62
TO_4	6.75	8.28	44.91	32916.00	107559.00	74643.00	3.27

Result :

It is clear from the table that integrated use of Zn and B with macronutrients recorded higher net return and B:C ratio as compared to over all treatments. It is possible due to integrated application of Zn and B increase nutrient use efficiency. Hence, It can be inferred that the application of micronutrients especially Zn and B through right dose increase the growth and yield of Paddy and also improve the nutrient status of soil. Due to use of Zn and B the grain yield recorded 6.75 t/ha in comparison to farmer Practices 3.32 t/ha and the B C ratio increase 1.45 over farmer practice.

ON FARM TRIAL (Soil Science)

SN	Particulars	Description
1.	Intervention	Soil Science
2.	Title	Effect of integrated nutrient management practices on yield and quality of Jute (*Corchorous olitorius*) p
3.	Thematic area	INM
4.	Micro farming situation	Medium land
5.	Source of Techonology	JRS Katihar
6.	Technology option	TO_1 : Farmers practice (40:20:20, N:P:K kg/ha) TO_2 : 60:30:30, N:P:K kg/ha(RDF) TO_3 : RDF+Org.Manure (5 t/ha F.Y.M)+ Biofertilizer (seed treatment with azotobacterand PSB) TO_4 : RDF (N:P:K) (75%) + FYM(25%) on STB
7.	Perform indicator	**Technical observation** Plant height, Plant diameter, quality, fibre Yield
		Economic Indicator Gross return, Net return, BC ratio

Table 1: Physico-chemical properties of experimental soil

Experimental Soil	pH (1:2.5)	ECe (1:2.5)	OC (%)	Available nutrients (Kg ha^{-1})		
				N	**P**	**K**
Initial	7.01	0.374	0.686	175.05	133.02	132.23
Final	6.96	0.387	0.48	168.9	27.2	239.3

Table 2: Yield attributing characters of Jute (*Corchorous olitorius*) as influences by different treatment

Treatment	Plant Height (CM)	Basal Diameter (CM)	Green weight of plants (qt/ha)	Fiber Yield (qt/ha)
T1 (Farmer Practice)	263	1.39	256.57	23.90
T2 (RDF)	303	1.75	276.13	26.79
T3(RDF+OM(5t ha^{-1}) + azotobacter + PSB)	311	1.85	298.05	31.10
T4 (N:P:K kg ha^{-1} (75%) + FYM (25%))	304	1.78	274.77	29.26

Table 3: Economics of Jute (*Corchorous olitorius*) as influences by different treatment

Treatment	Cost of cultivation(RS/ha)	Gross income(RS /ha)	Net income (RS/ha)	B:C ratio
T1 (Farmer Practice)	25670	47800	22130	1.86
T2 (RDF)	28450	53580	25130	1.88
T3(RDF+OM(5t/ha)+azotobacter+ PSB)	29780	62200	32420	2.09
T4 (N:P:K kg/ha(75%)+FYM(25%))	29970	58520	28550	1.95

Result :

It is observed that integrated use of chemical fertilizers, organic manures and bio fertilizers recorded higher net return (Rs.62200/ha) and B:C ratio (2.09) as compared over farmer practices (1.86). Hence, It can be inferred that the integrated nutrient management can improve the soil nutrient status after the harvest of jute and also gate higher net return and B:C ratio.

OFT (Extension Research Report)

a) Title : Impact of major training programmes conducted by KVK, Katihar

b) Specific Objectives :

1. To study the training effectiveness
2. To study the training satisfaction
3. To study the impact of training

c) Locale : Katihar

e) Sampling Plan : Population Study (100 trainees)

f) Results:

Table 1 : On Campus Trainings and trainees:

Sl. No.	Name of the Training	Duration	Date	Number of trainees
01	Enterpreneurship Development through Poultry	03 days	3-11-2014	30
02	Seed Production of Paddy	03 days	9-7-2014	25
03	Entrepreneurship development through Dairy	03 days	15-4-2014	25
04	Soil & Water testing	03 days	28-4-2014	25
05	Vermi composting for income generation	03 days	9-6-2014	25
06	Production Technique of Vermi compost	01 days	19-10-2014	20
Total				100

Table 2 : Percent change in knowledge and attitude:

Sl. No.	**Indicators**	**Participants**	**Knowledge score obtained**		**Percent change over before**
A	**Training**	**Total**	**Before**	**after**	
01	Enterpreneurship Development through Poultry	30	12.13	17.52	14.44
02	Seed Production of Paddy	25	11.19	19.33	17.27
03	Entrepreneurship development through Dairy	25	10.89	16.42	15.07
04	Soil & Water testing	25	11.00	19.32	17.56
05	Vermi composting for income generation	25	14.00	21.00	15.00
05	Production Technique of Vermi compost	20	16.00	19.00	11.87
		150	75.21	112.59	14.97
Mean			12.53	18.76	

Table 3 : Profile of the respondents:

S. No.	Profile	Number (N=150)	Percent
1	**Education**		
	Illiterate	15	10
	Functionally literate	8	5.3
	Primary	16	10.66
	Middle School	24	16.0
	High School	41	27.33
	Intermeadiate	20	13.33
	Graduate and above	26	17.33
2	**Experience**		
	Up to 3 years	56	37.33
	3 to 5 years	49	32.66
	5 years and above	45	30.00
3	**Farm Size**		
	No Land	0	0
	Marginal	56	37.33
	Small	29	19.33
	Medium	59	39.33
	Large	6	4.00
4	**Annual income**		
	Upto 50000	58	38.66
	50001 to 100000	16	10.66
	100001 to 150000	22	14.66
	151001 to 200000	8	5.33
	200001 to 250000	13	8.66
	250001 to 300000	7	4.66
	300001 and above	26	17.33
5			
Socio Economic Status	Very low	0	0
	Low	52	34.66

	Moderate	56	37.33
	High	20	13.33
	Very High	24	16.0

Table 7 : Rating of Training Effectiveness:

S. No.	Training satisfaction indicators	Rating Score /5	Overall Rating
01	Topics covered	4.30	4.05/05
02	Utility topics	4.14	
03	Relevance of lectures	4.55	
04	Fulfillment of expectation	4.50	
05	Practical orientation	3.50	
06	Relevance of study material	2.89	
07	Quality of training	4.5	

2. Attributes and impact of technology intervened through Front Line Demonstration(FLD)

1) Title : Attributes and impact of technology intervened through Front Line Demonstration(FLD)
2) Specific Objectives : 1. To study the perceived attributes of the technology intervened through FLD
   2. To study the Impact of the FLD demonstrated by KVK, Katihar
3) Research design : Exploratory and diagnostic

Table 1 : Profile of the FLD:

S. No.	Crop	Technology demonstrated	No. of farmers / demonstration
01	Jute	Seed	20
02	Paddy	Seed	40
03	Sesamum	Seed	20
04	Fodder Maize	Seed	20
Total			100

Table 2 : Profile of the respondents:

S. No.	Profile	Number (N=100)
01	Education	
	Illiterate	14
	Primary	12
	Middle School	12
	High School	30
	Intermediate	23

	Graduate and above	9
02	Experience	
	Up to 5 years	16
	6 to 10 years	39
	11 years and above	45
03	Farm size	
	Marginal	36
	Small	29
	Medium	16
	Large	19
04	Annual income	
	Upto 50000	26
	50001 to 100000	13
	100001 to 150000	8
	151001 to 200000	19
	300001 and above	34
05	Socio-economic status	
	Very low	8
	Low	23
	Moderate	16
	High	39
	Very high	12
06	Innovativeness	
	Low	13
	Moderate	38
	High	49
07	Scientific orientation	
	Low	32
	Moderate	26
	High	42
08	Economic motivation	
	Low	21
	Moderate	42
	High	37
09	Risk preference	
	Low	29
	Moderate	32
	High	39

Table 3 : Impact of technology intervened through FLD's:

S. No.	Indicators	Beneficiaries	Knowledge score obtained		Percent change over before
A	Crop	Total	Before	After	
	Jute	20	61.00	86.00	40.98
	Paddy	40	64.00	76.00	18.75
	Sesamum	20	57.00	69.00	21.05
	Fodder Maize	20	59.00	64.00	8.47

Table 4: Yield Enhancement through FLD

Sl.No.	Crop	Yield of Demonstration	Yield of Check	% Change in yield
1.	Jute	29.14	18.86	54.5
2.	Jute	27.65	18.86	46.6
3.	Paddy	37.16	40.87	13.9
4.	Paddy	13.16	33.80	9.94
5.	Sesamum	3.76	3.12	2.05
6.	Fodder Maize	442.0	386.0	14.50

3.2 **Achievements of Frontline Demonstrations**

A. Details of FLDs implemented during 2014-15

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ ST	Others	Total	
1.	Dhaincha	INM	Seed	10	02	01	09	10	
2.	Jute	ICM	Seed	02	02	01	09	10	
3.	Jute	ICM	Seed	03	03	02	13	15	
4.	Paddy	Crop Production	Seed	05	05	05	17	22	
5.	Paddy	Crop Production	Seed	05	05	05	15	20	
6.	Sesamum	Crop Production	Seed	05	05	03	19	22	
8.	Banana	Cultivation of Fruits	Sapling	0.4	0.4	01	09	10	
9.	Brinjal	Vegetable Production	Seed	1.0	01	02	08	10	
10.	Fodder Maize	Fodder production	Seed	1.0	1.0	10	10	20	
11.	Rye	Crop Production	Seed	5.0	5.0	02	22	24	
14.	Pea	Crop Production	Seed	1.0	0.4	00	20	20	
15.	Tomato	Vegetable Production	Seed	2.0	0.4	00	20	20	
16.	Bhindi	Vegetable Production	Seed	1.0	1.0	01	21	22	
17.	Kitchen Garden	House hold food security by Kitchen Gardening	Kitchen Garden			40	60	100	
18.	Rhizobium, PSB	INM	Rhizobium, PSB	2.0	0.2	01	29	30	
19	Azotobactor, PSB	INM	Azotobactor, PSB	5.0	5.0	05	15	20	
20	Lentil	Pulse Production	Seed	1.0	0.4	01	09	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil kg/ha			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Brinjal	Kharif 2014	Irrigated	Sandy	150	24	292	Maize	10-15.08.2014	10-20.01.15		
Banana	Kharif 2014	Irrigated	Sandy	238	21	218	Maize	10-15.08.2014	Crop Standing		
Paddy	Kharif 2014	Irrigated	Sandy	214	26	306	Maize	18-20.06.2014	10-12.11.14		
Paddy	Kharif 2014	Irrigated	Sandy	208	25	289	Maize	16-18.06.2014	05-07.11.14		
Fodder Maize	Kharif 2014	Irrigated	Sandy	201	18	289	Paddy	27-30.07.2014	02-04.11.2014		
Bhindi	Summer 2014	Irrigated	Sandy	176.3	15.9	153.6	Potato	11-14 Fel 2014	20-27 June 2014		
Pea (Azad-P3)	Rabi-14	Irrigated	Sandy	175	19	186	Paddy	2nd week o November	3rd Week of Feb		
Jute	Kharif 2014	Irrigated	Sandy	225	23	319	Wheat	16-18.04.2014	25-27.07.14		
Jute	Kharif 2014	Irrigated	Sandy	210	22	279	Wheat	19-21.04.2014	26-28.07.14		
Seasumum	Kharif 2014	Irrigated	Sandy	189	29	322	Maize	27-30.06.14	24-26.09.2014		
Lentil	Rabi-14	Irrigated	Sandy	205	22	216	Paddy	2nd week o November	1st Week of march		
Azotobactor, PSB	Kharif 2014	Irrigated	Sandy	214	26	306	Maize	18-20.06.2014	10-12.11.14		
Rhizobium, PSB	Rabi-14	Irrigated	Sandy	175	19	186	Paddy	2nd week o November	3rd Week of Feb		

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

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

Pulses:
Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

	Total														

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Bhindi(Kasi Pragati)	Crop Production	Seed technology	22	01	110.24	89.96	22.54			53195	138800	84605	2.59	51390	112450	61060	2.1
Brinjal (PH-6)	Crop Production	Seed	10	01	210.32	182.50	15.24			86316	252384	166068	2.92	83518	202575	119057	2.42
Pea	Crop Production	Seed	20	01	44.88 Green Pod	38.00 Green Pod	17.89			31000	71680	40680	2.31	29800	57000	27200	1.91
Jute	Crop Production	Seed	10	02	29.14	18.86	54.5			26800	58280	31480	2.17	25400	37720	12320	1.48
Jute	Crop Production	Seed	15	03	27.65	18.86	46.6			26800	55240	28440	2.06	25400	37720	12320	1.48

Paddy	Crop Production	Seed	20	05	37.16	40.87	13.9			23400	53131	29731	2.27	22900	48880	25980	2.13
Paddy	Crop Production	Seed	22	05	33.80	37.16	9.94			23400	60840	37440	2.27	22900	48880	25980	2.13
Seasumum	Crop Production	Seed	22	05	3.76	3.12	2.05			10700	24440	13740	2.28	10050	20280	10230	2.01
Fodder Maize	Fodder Production	Seed	20	01	442.0	386.0	14.50			22750	88400	65650	3.89	21900	77200	55300	3.53
	Total																

Livestock

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	Gross Cost	Gross Return	Net Return	**BCR
Dairy																	
Cow																	
Buffalo																	

Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

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	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	

Others (pl.specify)																	
Total																	

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

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			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermi compost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										
Castor										

Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1.	Moong	
	Paddy	
	Fodder Maize	

Extension and Training activities under FLD

SL. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	20.06.2014	01	50	
		23.06.2014	01	95	
		25.06.2014	01	75	
		27.06.2014	01	150	
		30.06.2014	01	65	
		11.07.2014	01	128	
		15.07.2014	01	78	
		18.07.2014	01	81	
		22.07.2014	01	193	
		26.11.2014	01	70	
		21.11.2014	01	65	
		09.12.2014	01	156	
		12.12.2014	01	48	
		18.12.2014	01	62	
		23.12.2014	01	83	
		16.01.2015	01	176	
		20.01.2015	01	134	
2.	Farmers Training				
3.	Media coverage		06		
4.	Training for extension functionaries		02		

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems	1	12	1	13	--	--	--	2	1	3	14	2	16
Crop Diversification	1	2	4	6	--	7	7	2	--	2	4	11	15
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	1	25	--	25	--	--	--	--	--	--	25	--	25
	1	22	3	25	2	2	4	--	--	--	24	5	29
	1	10	--	10	1	--	1	16	--	16	27	--	27
	1	18	1	19	3	3	6	--	--	--	21	4	25
	1	14	--	14	1	--	1	--	--	--	15	--	15
	1	27	--	27	3	--	3	--	--	--	30	--	30
	1	17	--	17	2	--	2	3	--	3	22	--	22
	1	15	--	15	1	--	1	5	--	5	21	--	21
Fodder production	1	13	--	13	--	--	--	4	--	4	17	--	17
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management	1	27	--	27	2	--	2	--	--	--	29	--	29
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
(Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) Seed production	1	25	--	25	--	--	--	--	--	--	25	--	25
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	1	25	--	25	--	--	--	--	--	--	25	--	25
Management of young plants/orchards	1	20	--	20	--	--	--	--	--	--	20	--	20
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	20	--	20	1	--	1	--	--	--	21	--	21
Others, if any(ICM)	1	21	--	21	3	--	3	1	--	1	25	--	25
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	1	25	1	26	2	0	2	--	--	--	27	1	28
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	1	14	--	14	--	--	--	19	--	19	33	--	33
Soil and Water Testing	1	25	--	25	--	--	--	--	--	--	25	--	25
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	1	--	16	16	--	8	8	--	1	1	--	25	25
	1	--	22	22	--	2	2	--	1	1	--	25	25
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	--	25	25	--	--	--	--	5	5	--	30	30
Others, if any Mashroom Production	1	--	30	30	--	--	--	--	--	--	--	30	30
Balance Diet	1	--	17	17	--	3	3	--	5	5	--	25	25
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	23	--	23	1	--	1	1	--	1	25	--	25
	1	20	3	23	1	--	1	4	--	4	25	3	28
	1	22	8	30	--	--	--	--	--	--	22	8	30
	1	17	--	17	3	--	3	5	5	10	25	5	30
	1	18	6	24	1	--	1	4	--	4	23	6	29
WTO and IPR issues													
Others, if any													
Capacity Building	1	25	--	25	--	--	--	--	--	--	25	--	25
Capacity Building	1	33	--	33	--	--	--	--	--	--	33	--	33
Capacity Building	1	46	--	46	2	--	2	6	--	6	54	--	54
Conservation Agriculture	1	17	3	20	2	--	2	--	--	--	19	3	22
X**I Agro-forestry**													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	34	598	140	738	31	25	56	72	18	90	701	183	884

Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	01	5	10	15	01	1	2	1	2	3	7	13	20
Bee-keeping													
INM	01	11	1	12	10	2	12	--	1	1	21	4	25
Seed production	01	21	--	21	03	1	4	--	--	--	24	1	25
	01	23	--	23	02	--	2	--	--	--	25	--	25
	01	24	--	24	01	--	1	5	--	5	30	--	30
Production of organic inputs	01	38	--	38	03	--	3	--	--	--	41	--	41
Integrated Farming	01	22	--	22	01	--	1	2	--	2	25	--	25
Planting material production													
Vermi-culture	01	19	--	19	03	2	5	--	1	1	22	3	25
Sericulture													
Protected cultivation of vegetable crops/ Organic farming	01	15	--	15	02	--	02	07	--	07	24	--	24
	01	20	--	20	04	--	04	01	--	01	25	--	25
Commercial fruit production	01	20	02	22	03	--	03	--	--	--	23	02	25
	01	6	02	8	04	1	05	--	--	--	10	03	13
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	01	17	--	17	03	--	03	01	--	01	21	--	21
	01	19	--	19	04	--	04	--	--	--	23	--	23
	01	22	--	22	01	--	01	--	--	--	23	--	23
Training and pruning of orchards													
Value addition	01	--	18	18	--	02	02	--	--	--	--	20	20
	01	--	7	7	--	20	20	--	--	--	--	27	27
	01	--	21	21	--	03	03	--	01	01	--	25	25
	01	--	16	16	--	04	04	--	--	--	--	20	20
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	01	15	--	15	10	--	10	9	--	9	34	--	34
	01	22	--	22	03	2	5	2	4	6	27	6	33
	01	15	15	30	01	--	1	--	6	6	16	21	37

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
	01	15	3	18	07	--	7	--	--	--	22	3	25
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching	01	--	21	21	--	4	4	--	2	2	--	27	27
Rural Crafts													
Other if any Capacity Building	01	16	--	16	07	--	7	2	--	2	25	--	25
Capacity building	01	19	--	19	07	--	7	--	--	--	26	--	26
Capacity building	01	--	5	5	--	19	19	1	4	5	1	28	29
Capacity Building	01	22	--	22	03	--	3	--	--	--	25	--	25
Nutrition Garden	01	--	26	26	--	3	3	--	1	1	--	30	30
Nutrition Garden	01	--	20	20	--	--	--	--	5	5	--	25	25
Wheat cultivation by ZTD	01	12	--	12	02	7	9	4	--	4	18	7	25
Cultivation of Vegetable	01	28	--	28	--	--	--	--	--	--	28	--	28
Organic manure	01	25	--	25	--	--	--	--	--	--	25	--	25
Soil & Water Testing	01	16	--	16	05	1	6	3	--	3	24	1	25
TOTAL	34	487	167	654	90	72	162	38	27	65	615	266	881

Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL													

Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	01	16	--	16	--	04	04	--	--	--	16	04	20
	01	18	--	18	01	--	01	03	--	03	22	--	22
	01	25	--	25	04	--	04	03	--	03	32	--	32
	01	15	--	15	02	01	03	--	--	--	17	-01	18
	01	05	08	13	--	08	08	--	--	--	05	16	21
Resource Conservation Technologies	01	26	--	26	04	--	04	--	--	--	30	--	30
	01	21	--	21	03	02	05	--	--	--	24	02	26
Cropping Systems													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop Diversification													
Integrated Farming	01	03	09	12	01	06	07	01	--	01	05	15	20
Water management													
Seed production	01	24	--	24	06	04	10	--	--	--	30	04	34
	01	21	--	21	03	--	03	02	--	02	24	02	26
Nursery management	01	18	--	18	02	--	02	--	--	--	20	--	20
Integrated Crop Management	01	15	--	15	02	--	02	--	--	--	17	--	17
	01	20	--	20	02	--	02	01	--	01	23	--	23
	01	20	--	20	02	--	02	03	--	03	25	--	25
	01	24	--	24	03	--	03	--	--	--	27	--	27
	01	34	--	34	05	--	05	--	--	--	39	--	39
	01	27	--	27	03	--	03	--	--	--	30	--	30
	01	20	--	20	01	--	01	04	--	04	25	--	25
	01	22	--	22	04	--	04	02	--	02	28	--	28
	01	20	--	20	03	--	03	02	--	02	25	--	25
	01	20	--	20	02	02	04	--	--	--	20	02	24
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	01	23	--	23	--	--	---	--	--	--	23	--	23
	01	25	--	25	--	--	--	--	--	--	25	--	25
	01	28	--	28	--	--	--	--	--	--	28	--	28
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
vegetables													
Nursery raising	01	18	01	19	04	--	04	--	--	--	22	01	23
	01	01	06	07	04	17	21	--	--	--	05	23	28
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) INM													
Others, if any (Cultivation of Vegetable) Exotoc vegetable like Broccoli													
(CropProduction)	01	20	03	23	04	01	05	02	--	02	26	04	30
(CropProduction)	01	21	--	21	02	--	02	--	--	--	23	--	23
Ingrated crop management	01	27	--	27	--	--	--	--	--	--	27	--	27
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of	01	21	--	21	02	--	02	--	--	--	23	--	23
Fruit	01	27	--	27	03	--	03	--	--	--	30	--	30
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any Seed Production in Potato													
f) Spices													
Production and Management technology	01	18	02	20	05	00	05	00	00	00	23	02	25
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	01	32	08	40	03	02	05	02	01	03	37	11	48
	01	79	21	100	07	03	10	08	01	09	94	25	119
	01	66	14	80	07	--	07	03	--	03	76	14	90
	01	39	--	39	--	--	--	--	--	--	39	--	39
	01	--	--	--	--	--	--	24	--	24	24	--	24
	01	38	06	44	--	--	--	05	--	05	43	06	49
	01	10	04	14	10	02	12	01	01	02	21	07	28
	01	15	02	17	05	--	05	--	--	--	20	02	22
	01	15	03	18	03	--	03	07	02	09	20	05	25
	01	25	--	25	07	--	07	--	--	--	32	--	32
	01	13	--	13	04	01	05	02	01	03	19	02	21
	01	22	08	30	--	03	03	--	--	--	25	08	33
	01	09	05	14	04	01	05	--	--	--	13	06	19
	01	18	05	23	--	--	--	--	--	--	18	05	23
	01	56	08	64	37	--	37	--	--	--	93.	08	101
	01	47	--	47	14	03	17	--	--	--	61	03	64
	01	30	--	30	--	--	--	--	--	--	30	--	30
	01	--	--	--	--	--	--	24	--	24	24	--	24
	01	38	06	44	--	--	--	05	--	05	43	06	49
	01	22	--	22	02	--	02	02	--	02	26	--	26
	01	06	--	06	--	--	--	11	08	19	17	08	25
	01	48	--	48	--	--	--	07	--	07	55	--	55
	01	13	--	13	01	--	01	--	--	--	14	--	14
	01	11	01	12	01	--	01	13	--	13	25	01	26
	01	27	--	27	--	--	--	--	--	--	27	--	27
	01	16	--	16	--	--	--	--	--	--	16	--	16
	01	32	--	32	--	--	--	--	--	--	32	--	32
	01	22	--	22	--	--	--	--	--	--	22	--	22
	01	25	--	25	--	--	--	--	--	--	25	--	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
	01	22	--	22	--	--	--	--	--	--	22	--	22
	01	19	--	19	05	--	05	--	--	--	24	--	24
	01	18	--	18	03	--	03	04	--	04	25	--	25
	01	20	--	20	--	--	--	--	--	--	20	--	20
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	01	25	--	25	06	--	06	02	--	02	33	--	33
	01	22	--	22	03	--	03	03	--	03	25	--	25
	01	18	05	23	06	02	08	01	00	01	25	07	32
	01	12	03	15	05	03	08	02	01	03	19	07	26
	01	15	02	17	02	--	02	11	--	11	28	02	30
	01	18	05	23	06	02	08	01	--	01	25	07	32
Others, if any													
Production of Vermicompost	01	21	--	21	03	--	03	02	--	02	26	--	26
Vermi compost Production	01	15	--	15	03	01	04	02	--	02	20	01	21
Biofertilizer Production	01	23	--	23	05	--	05	--	--	--	28	--	28
Biofertilizer Production	01	15	--	15	01	--	01	--	--	--	16	--	16
Organic Mannure Production Techniques	01	22	01	23	03	--	03	01	02	03	27	01	28
Soil Health	01	30	--	30	--	--	--	--	--	--	30	--	30
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	01	--	29	29	--	--	--	--	--	--	--	29	29
	01	--	18	18	--	02	02	--	--	--	--	20	20
	01	--	20	20	--	07	07	--	--	--	--	27	27
	01	--	--	--	--	30	30	--	--	--	--	30	30
	01	--	15	15	--	05	05	--	--	--	--	20	20
	01	--	20	20	--	05	05	--	--	--	--	25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	01	--	18	18	--	02	02	--	--	--	--	20	20
	01	--	18	18	--	04	04	--	--	--	--	22	22
Income generation activities for empowerment of rural Women													
Location specific													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
Preservation	01	15	01	16	05	00	05	--	--	--	20	01	21
Preservation of Vegetable	01	--	15	15	--	03	03	--	02	02	--	20	20
Storage	01	18	05	23	05	--	05	02	--	02	25	05	30
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and	01	25	--	25	--	--	--	--	--	--	25	--	25
Management of SHGs	01	22	19	41	04	06	10	09	--	09	35	25	60
Mobilization of social capital													
Entrepreneurial	01	30	--	30	--	--	--	--	--	--	30	--	30
development of	01	23	--	23	01	--	01	06	--	06	30	--	30
farmers/youths	01	28	03	31	03	02	05	02	05	07	33	10	43
	01	20	--	20	02	03	05	02	03	05	20	10	30
	01	18	--	18	07	--	07	--	--	--	25	--	25
WTO and IPR issues	01	25	--	25	06	--	06	02	--	02	33	--	33
Others, if any													
Capacity	01	67	01	68	02	--	02	--	--	--	69	01	70

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
building													
Capacity building	01	48	--	48	04	--	04	--	--	--	52	--	52
Capacity building	01	44	--	44	05	--	05	02	--	02	51	--	51
Capacity building	01	70	--	70	--	--	--	--	--	--	70	--	70
Capacity building	01	80	--	80	09	--	09	--	--	--	89	--	89
Capacity building	01	47	02	49	03	--	03	05	--	05	55	02	57
(Capacity building)	01	22	--	22	--	--	--	05	--	05	27	--	27
Capacity building	01	21	--	21	04	--	04	--	--	--	25	--	25
Capacity Building	01	25	--	25	07	--	07	--	--	--	32	--	32
Capacity building	01	19	--	19	03	--	03	--	--	--	22	--	22
Capacity building	01	20	02	22	03	--	03	--	--	--	23	02	25
Capacity building	01	54	--	54	06	--	06	03	--	03	63	--	63
(Capacity building)	01	51	--	51	10	--	10	09	--	09	70	--	70
Capacity building	01	45	--	45	03	--	03	06	--	06	54	--	54
Capacity building	01	21	--	21	--	--	--	--	--	--	21	--	21
Organic Farming	01	28	--	28	--	--	--	--	--	--	28	--	28
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	112	2618	322	2940	325	137	462	219	27	246	3162	486	3648

RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production	01	20	--	20	01	02	03	01	--	01	22	02	24
	01	17	--	17	06	--	06	02	--	02	25	--	25
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	01	22	03	25	--	--	--	--	--	--	22	03	25
	01	22	03	25	--	--	--	--	--	--	22	03	25
	01	--	20	20	--	04	04	--	01	01	--	25	25
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
INM	01	18	02	20	04	03	07	02	01	03	24	06	30
Nutrition Garden	01	--	28	28	--	10	10	--	02	02	--	40	40
Preservation	01	--	20	20	--	03	03	--	01	01	--	24	24
TOTAL	08	99	76	175	11	22	33	05	05	10	115	103	218

Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	01	30	--	30	--	--	--	--	--	--	30	--	30
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs(Held on Town Hall, Katihar)													
Gender mainstreaming through SHGs													
Crop intensification													
Other if any													
(Soil & water Testing)	01	61	02	63	05	--	05	--	--	--	66	02	68
(Soil & water Testing)	01	61	02	63	05	--	05	--	--	--	66	02	68
Entrepreneurial Development	01	20	10	30	--	--	--	02	--	02	22	10	32
Integrated Crop Management	01	20	10	30	--	--	--	02	--	02	22	10	32
TOTAL	05	192	24	216	10	00	10	04	00	04	206	24	230

Consolidated table (ON and OFF Campus)

Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	01	16	--	16	--	04	04	--	--	--	16	04	20
	01	18	--	18	01	--	01	03	--	03	22	--	22
	01	25	--	25	04	--	04	03	--	03	32	--	32
	01	15	--	15	02	01	03	--	--	--	17	-01	18
	01	05	08	13	--	08	08	--	--	--	05	16	21
Resource Conservation Technologies	01	26	--	26	04	--	04	--	--	--	30	--	30
	01	21	--	21	03	02	05	--	--	--	24	02	26
Cropping Systems	1	12	1	13	--	--	--	2	1	3	14	2	16
Crop Diversification	1	2	4	6	--	7	7	2	--	2	4	11	15
Integrated Farming	01	03	09	12	01	06	07	01	--	01	05	15	20
Water management													
Seed production	01	24	--	24	06	04	10	--	--	--	30	04	34
	01	21	--	21	03	--	03	02	--	02	24	02	26
Nursery management	01	18	--	18	02	--	02	--	--	--	20	--	20
Integrated Crop Management	01	15	--	15	02	--	02	--	--	--	17	--	17
	01	20	--	20	02	--	02	01	--	01	23	--	23
	01	20	--	20	02	--	02	03	--	03	25	--	25
	01	24	--	24	03	--	03	--	--	--	27	--	27
	01	34	--	34	05	--	05	--	--	--	39	--	39
	01	27	--	27	03	--	03	--	--	--	30	--	30
	01	20	--	20	01	--	01	04	--	04	25	--	25
	01	22	--	22	04	--	04	02	--	02	28	--	28
	01	20	--	20	03	--	03	02	--	02	25	--	25
	01	20	--	20	02	02	04	--	--	--	20	02	24
	1	25	--	25	--	--	--	--	--	--	25	--	25
	1	22	3	25	2	2	4	--	--	--	24	5	29
	1	10	--	10	1	--	1	16	--	16	27	--	27
	1	18	1	19	3	3	6	--	--	--	21	4	25
	1	14	--	14	1	--	1	--	--	--	15	--	15

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
	1	27	--	27	3	--	3	--	--	--	30	--	30
	1	17	--	17	2	--	2	3	--	3	22	--	22
	1	15	--	15	1	--	1	5	--	5	21	--	21
Fodder production	1	13	--	13	--	--	--	4	--	4	17	--	17
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	01	23	--	23	--	--	---	--	--	--	23	--	23
	01	25	--	25	--	--	--	--	--	--	25	--	25
	01	28	--	28	--	--	--	--	--	--	28	--	28
Water management	1	27	--	27	2	--	2	--	--	--	29	--	29
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	01	18	01	19	04	--	04	--	--	--	22	01	23
	01	01	06	07	04	17	21	--	--	--	05	23	28
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) INM													
Others, if any (Cultivation of Vegetable) Exotoc vegetable													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
like Broccoli													
(CropProduction)	01	20	03	23	04	01	05	02	--	02	26	04	30
(CropProduction)	01	21	--	21	02	--	02	--	--	--	23	--	23
Ingrated crop management	01	27	--	27	--	--	--	--	--	--	27	--	27
Seed production	1	25	--	25	--	--	--	--	--	--	25	--	25
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	01	21	--	21	02	--	02	--	--	--	23	--	23
	01	27	--	27	03	--	03	--	--	--	30	--	30
	1	25	--	25	--	--	--	--	--	--	25	--	25
Management of young plants/orchards	1	20	--	20	--	--	--	--	--	--	20	--	20
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	20	--	20	1	--	1	--	--	--	21	--	21
Others, if any(ICM)	1	21	--	21	3	--	3	1	--	1	25	--	25
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any Seed Production in Potato													
f) Spices													
Production and Management technology	01	18	02	20	05	00	05	00	00	00	23	02	25
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Nutrient Management	01	32	08	40	03	02	05	02	01	03	37	11	48
	01	79	21	100	07	03	10	08	01	09	94	25	119
	01	66	14	80	07	--	07	03	--	03	76	14	90
	01	39	--	39	--	--	--	--	--	--	39	--	39
	01	--	--	--	--	--	--	24	--	24	24	--	24
	01	38	06	44	--	--	--	05	--	05	43	06	49
	01	10	04	14	10	02	12	01	01	02	21	07	28
	01	15	02	17	05	--	05	--	--	--	20	02	22
	01	15	03	18	03	--	03	07	02	09	20	05	25
	01	25	--	25	07	--	07	--	--	--	32	--	32
	01	13	--	13	04	01	05	02	01	03	19	02	21
	01	22	08	30	--	03	03	--	--	--	25	08	33
	01	09	05	14	04	01	05	--	--	--	13	06	19
	01	18	05	23	--	--	--	--	--	--	18	05	23
	01	56	08	64	37	--	37	--	--	--	93.	08	101
	01	47	--	47	14	03	17	--	--	--	61	03	64
	01	30	--	30	--	--	--	--	--	--	30	--	30
	01	--	--	--	--	--	--	24	--	24	24	--	24
	01	38	06	44	--	--	--	05	--	05	43	06	49
	01	22	--	22	02	--	02	02	--	02	26	--	26
	01	06	--	06	--	--	--	11	08	19	17	08	25
	01	48	--	48	--	--	--	07	--	07	55	--	55
	01	13	--	13	01	--	01	--	--	--	14	--	14
	01	11	01	12	01	--	01	13	--	13	25	01	26
	01	27	--	27	--	--	--	--	--	--	27	--	27
	01	16	--	16	--	--	--	--	--	--	16	--	16
	01	32	--	32	--	--	--	--	--	--	32	--	32
	01	22	--	22	--	--	--	--	--	--	22	--	22
	01	25	--	25	--	--	--	--	--	--	25	--	25
	01	22	--	22	--	--	--	--	--	--	22	--	22
	01	19	--	19	05	--	05	--	--	--	24	--	24
	01	18	--	18	03	--	03	04	--	04	25	--	25
	01	20	--	20	--	--	--	--	--	--	20	--	20
	1	25	1	26	2	0	2	--	--	--	27	1	28
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	1	14	--	14	--	--	--	19	--	19	33	--	33

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil and Water Testing	01	25	--	25	06	--	06	02	--	02	33	--	33
	01	22	--	22	03	--	03	03	--	03	25	--	25
	01	18	05	23	06	02	08	01	00	01	25	07	32
	01	12	03	15	05	03	08	02	01	03	19	07	26
	01	15	02	17	02	--	02	11	--	11	28	02	30
	01	18	05	23	06	02	08	01	--	01	25	07	32
	1	25	--	25	--	--	--	--	--	--	25	--	25
Others, if any													
Vermi compost Production Techniques	01	21	--	21	03	--	03	02	--	02	26	--	26
Vermi compost Production	01	15	--	15	03	01	04	02	--	02	20	01	21
Biofertilizer Production	01	23	--	23	05	--	05	--	--	--	28	--	28
Biofertilizer Production	01	15	--	15	01	--	01	--	--	--	16	--	16
Organic Mannure	01	22	01	23	03	--	03	01	02	03	27	01	28
Soil Health	01	30	--	30	--	--	--	--	--	--	30	--	30
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Household food security by kitchen gardening and nutrition gardening	01	--	29	29	--	--	--	--	--	--	--	29	29
	01	--	18	18	--	02	02	--	--	--	--	20	20
	01	--	20	20	--	07	07	--	--	--	--	27	27
	01	--	--	--	--	30	30	--	--	--	--	30	30
	01	--	15	15	--	05	05	--	--	--	--	20	20
	01	--	20	20	--	05	05	--	--	--	--	25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	01	--	18	18	--	02	02	--	--	--	--	20	20
	01	--	18	18	--	04	04	--	--	--	--	22	22
	1	--	16	16	--	8	8	--	1	1	--	25	25
	1	--	22	22	--	2	2	--	1	1	--	25	25
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	--	25	25	--	--	--	--	5	5	--	30	30
Others, if any													
Preservation	01	15	01	16	05	00	05	--	--	--	20	01	21

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Preservation of Vegetable	01	--	15	15	--	03	03	--	02	02	--	20	20
Storage	01	18	05	23	05	--	05	02	--	02	25	05	30
Mashroom Production	1	--	30	30	--	--	--	--	--	--	--	30	30
Balance Diet	1	--	17	17	--	3	3	--	5	5	--	25	25
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	01	25	--	25	--	--	--	--	--	--	25	--	25
	01	22	19	41	04	06	10	09	--	09	35	25	60
Mobilization of social capital													
Entrepreneurial development of farmers/youths	01	30	--	30	--	--	--	--	--	--	30	--	30
	01	23	--	23	01	--	01	06	--	06	30	--	30
	01	28	03	31	03	02	05	02	05	07	33	10	43
	01	20	--	20	02	03	05	02	03	05	20	10	30
	01	18	--	18	07	--	07	--	--	--	25	--	25
	1	23	--	23	1	--	1	1	--	1	25	--	25
	1	20	3	23	1	--	1	4	--	4	25	3	28
	1	22	8	30	--	--	--	--	--	--	22	8	30
	1	17	--	17	3	--	3	5	5	10	25	5	30
	1	18	6	24	1	--	1	4	--	4	23	6	29
WTO and IPR issues													
Others, if any													
(Soil Water	01	25	--	25	06	--	06	02	--	02	33	--	33

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Testing)													
(Capacity building)	01	67	01	68	02	--	02	--	--	--	69	01	70
(Capacity building)	01	48	--	48	04	--	04	--	--	--	52	--	52
(Capacity building)	01	44	--	44	05	--	05	02	--	02	51	--	51
(Capacity building)	01	70	--	70	--	--	--	--	--	--	70	--	70
(Capacity building)	01	80	--	80	09	--	09	--	--	--	89	--	89
(Capacity building)	01	47	02	49	03	--	03	05	--	05	55	02	57
(Capacity building)	01	22	--	22	--	--	--	05	--	05	27	--	27
(Capacity building)	01	21	--	21	04	--	04	--	--	--	25	--	25
INM	01	25	--	25	07	--	07	--	--	--	32	--	32
(Capacity building)	01	19	--	19	03	--	03	--	--	--	22	--	22
(Capacity building)	01	20	02	22	03	--	03	--	--	--	23	02	25
(Capacity building)	01	54	--	54	06	--	06	03	--	03	63	--	63
(Capacity building)	01	51	--	51	10	--	10	09	--	09	70	--	70
(Capacity building)	01	45	--	45	03	--	03	06	--	06	54	--	54
(Capacity building)	01	21	--	21	--	--	--	--	--	--	21	--	21
(Organic Farming)	01	28	--	28	--	--	--	--	--	--	28	--	28
(Soil water testing)	1	25	--	25	--	--	--	--	--	--	25	--	25
Capacity Building	1	33	--	33	--	--	--	--	--	--	33	--	33
Capacity Building	1	46	--	46	2	--	2	6	--	6	54	--	54
Conservation Agriculture	1	17	3	20	2	--	2	--	--	--	19	3	22
XI Agro-forestry													
Production technologies													
Nursery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	146	3216	462	3678	356	162	518	291	45	336	3863	669	4532

RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	01	5	10	15	01	1	2	1	2	3	7	13	20
Bee-keeping													
INM	01	11	1	12	10	2	12	--	1	1	21	4	25
Seed production	01	21	--	21	03	1	4	--	--	--	24	1	25
	01	23	--	23	02	--	2	--	--	--	25	--	25
	01	24	--	24	01	--	1	5	--	5	30	--	30
	01	20	--	20	01	02	03	01	--	01	22	02	24
	01	17	--	17	06	--	06	02	--	02	25	--	25
Production of organic inputs	01	38	--	38	03	--	3	--	--	--	41	--	41
Integrated Farming	01	22	--	22	01	--	1	2	--	2	25	--	25
Planting material production													
Vermi-culture	01	19	--	19	03	2	5	--	1	1	22	3	25
Sericulture													
Protected cultivation of vegetable crops/ Organic farming	01	15	--	15	02	--	02	07	--	07	24	--	24
	01	20	--	20	04	--	04	01	--	01	25	--	25
Commercial fruit production	01	20	02	22	03	--	03	--	--	--	23	02	25
	01	6	02	8	04	1	05	--	--	--	10	03	13
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	01	17	--	17	03	--	03	01	--	01	21	--	21
	01	19	--	19	04	--	04	--	--	--	23	--	23
	01	22	--	22	01	--	01	--	--	--	23	--	23
Training and pruning of orchards													
Value addition	01	--	18	18	--	02	02	--	--	--	--	20	20

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
	01	--	7	7	--	20	20	--	--	--	--	27	27
	01	--	21	21	--	03	03	--	01	01	--	25	25
	01	--	16	16	--	04	04	--	--	--	--	20	20
	01	22	03	25	--	--	--	--	--	--	22	03	25
	01	22	03	25	--	--	--	--	--	--	22	03	25
	01	--	20	20	--	04	04	--	01	01	--	25	25
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	01	15	--	15	10	--	10	9	--	9	34	--	34
	01	22	--	22	03	2	5	2	4	6	27	6	33
	01	15	15	30	01	--	1	--	6	6	16	21	37
	01	15	3	18	07	--	7	--	--	--	22	3	25
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching	01	--	21	21	--	4	4	--	2	2	--	27	27
Rural Crafts													
Other if any													
Soil Fertility Management	01	16	--	16	07	--	7	2	--	2	25	--	25
(Capacity building)	01	19	--	19	07	--	7	--	--	--	26	--	26
(Capacity building)	01	--	5	5	--	19	19	1	4	5	1	28	29
(Production and Management Tech)	01	22	--	22	03	--	3	--	--	--	25	--	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nutrient Garden	01	--	26	26	--	3	3	--	1	1	--	30	30
Nutrient Garden	01	--	20	20	--	--	--	--	5	5	--	25	25
Wheat cultivation by ZTD	01	12	--	12	02	7	9	4	--	4	18	7	25
Cultivation of Vegetable	01	28	--	28	--	--	--	--	--	--	28	--	28
Organic manure	01	25	--	25	--	--	--	--	--	--	25	--	25
Soil & Water Testing	01	16	--	16	05	1	6	3	--	3	24	1	25
INM	01	18	02	20	04	03	07	02	01	03	24	06	30
Nutrient Garden	01	--	28	28	--	10	10	--	02	02	--	40	40
Preservation	01	--	20	20	--	03	03	--	01	01	--	24	24
TOTAL	42	586	243	829	101	94	195	43	32	75	730	369	1099

Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	01	30	--	30	--	--	--	--	--	--	30	--	30
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs(Held on Town Hall, Katihar)													
Gender mainstreaming through SHGs													
Crop intensification													
Other if any													
(Soil & water Testing)	01	61	02	63	05	--	05	--	--	--	66	02	68
(Soil & water Testing)	01	61	02	63	05	--	05	--	--	--	66	02	68
Entrepreneurial Development	01	20	10	30	--	--	--	02	--	02	22	10	32
Integrated Crop Management	01	20	10	30	--	--	--	02	--	02	22	10	32
TOTAL	05	192	24	216	10	00	10	04	00	04	206	24	230

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On)	Number of participants			Number of SC/ST		
						M	F	T	M	F	T
Fishery											
Horticulture	07.04.2014	PF	INM in Fruit and Vegetable	1	OFF	23	--	23	--	--	--
	09.04.2014	PF	INM in Fruit and Vegetable	1	OFF	25	--	25	--	--	--
	09.05.2014	PF	INM in Fruit and Vegetable	1	OFF	28	--	28	--	--	--
	29.05.2014	PF	Climate of factor Vegetable crop Production (Summer)	1	OFF	26	4	30	6	1	7
	15-16.05.2014	RY	Production and Management of Makhana	2	ON	23	2	25	3	--	3

	26-27.05.2014	RY	Production and Management of Banana	2	ON	20	3	23	4	1	5
	16-20.06.2014	RY	Nursery Management and Vegetable & Polytunnel	5	ON	23	--	23	1	--	1
	23.06.2014	PF	Scientific cultivation of Kharif Vegetable	1	OFF	23	--	23	2	--	2
	27.06.2014	PF	Scientific cultivation of Banana	1	OFF	30	--	30	3	--	3
	01.07.2014	RY	Nursery Management and Vegetable & Polytunnel in Vegetable	5	ON	21	--	21	4	--	4
	25-26.07.2014	RY	Plant Propagation Technique of Fruit Crop	2	ON	33	--	33	4	--	4
	25-26.08.2014	PF	Orchid Management of Fruiting Orchid	2	ON	20	--	20	--	--	--
	06.09.2014	EF	Banana Disease at DHO, Katihar	1	OFF	30	--	30	--	--	--
	11.09.2014	PF	Scientific cultivation of Banana Mahinathpur	1	OFF	23	--	23	2	--	2
	15-17.09.2014	RY	Protected cultivation and poly training and Pruiring of Horticultural crop	3	ON	24	--	24	9	--	9
	19-20.09.2014	RY	Protected cultivation and poly training and Pruiring of Horticultural crop	2	ON	25	--	25	5	--	5
	09-10.10.2014	RY	Production and Management of Medicinal & aromatic plants	2	ON	25	--	25	3	--	3
	07.11.2014	PF	Seed Raising of Summer Vegetable	1	OFF	23	--	23	4	--	4
	26-27.11.2014	PF	Seed Production of Potato	2	ON	25	--	25	--	--	--
	09-10.11.2014	RY	Seed Production of Vegetable	2	ON	25	--	25	2	--	2
	20.12.2014	PF	ON farm Watery Management of Horticultural crop	1	OFF	29	--	29	2	--	2
	23-24.12.2014	PF	Scientific cultivation & protection of Banana	2	ON	25	--	25	--	--	--
	05.01.2015	PF	Seed Raising for Summer Vegetable	1	OFF	25	23	48	4	17	21
	15-17.01.2015	PF	Scientific Cultivation of garlic and Spice	1	OFF	23	2	25	5	--	5
	17-	R	Cultivation of Summer	1	ON	28	--	28	--	--	--

	20.02.2015	Y	Vegetable								
	12-14.03.2015	PF	Management of Seasonal Vegetable & fruit crops	1	ON	25	--	25	4	--	4
	16.03.2015	PF	Crop Management of Vegetable	1	OFF	27	--	27	--	--	--
	18.03.2015	PF	Processing of different fruits & vegetable crops	1	ON	21	--	21	1	--	1
Plant Protection											
Animal Husbandry											
Soil Science	09.04.2014	PF	Soil testing & Soil sample collection	1	Off	25	--	25	3	--	3
	27.04.2014	PF	Soil & Water testing	1	On	25	--	25	8	--	8
	28-30.04.2014	PF	Soil & Water testing	3	On	25	--	25	--	--	--
	16.04.2014	RY	Entrepreneurship development through Dairy	1	ON	22	3	25	--	--	--
	07.04.2014	EF	Soil & water testing	1	Off	76	2	78	5	--	5
	15.05.2014	PF	Production Technique of Vermicompost	1	OFF	26	--	26	5	--	5
	16.05.2014	PF	Bio fertilizers Uses	1	OFF	28	--	28	5	--	5
	19.05.2014	PF	Uses of Bio fertilizers	1	OFF	16	--	16	1	--	1
	23.05.2014	PF	INM	1	OFF	37	11	48	5	3	8
	24.05.2014	PF	INM	1	OFF	94	25	119	15	4	19
	26.05.2014	PF	INM	1	OFF	76	14	90	10	--	10
	27.05.2014	PF	INM	1	OFF	39	--	39	--	--	--
	03.06.2014	PF	Integrated Crop Management in paddy	1	OFF	24	--	24	--	--	--
	04.06.2014	PF	Integrated Crop Management in Kharif Crop	1	OFF	43	6	49	5	--	5
	09-11.06.2014	RY	Vermi composting for income generation	3	ON	22	3	25	3	3	6
	20.06.2014	PF	Soil Testing	1	OFF	25	7	32	7	2	9
	03.07.2014	PF	Micronutrient Application	1	OFF	18	5	23	--	--	--
	13.07.2014	PF	Soil & Fertilizer Management	1	OFF	93	8	101	--	--	--
	21-23.07.2014	RY	Fertility Management	3	ON	25	--	25	--	--	--
	24.07.2014	PF	Soil & Fertilizer	1	ON	61	3	64	--	3	3

			Management								
	25.07.2014	PF	Soil & Fertilizer Management	1	ON	30	--	30	--	--	--
	05.08.2014	PF	INM in Paddy	1	OFF	32	--	32	7	--	7
	07-09.08.2014	RY	INM in Paddy	3	ON	21	4	25	10	3	13
	12.08.2014	PF	INM in Paddy	1	OFF	19	2	21	6	2	8
	28.08.2014	PF	INM in Paddy	1	OFF	27	6	33	--	3	3
	29.08.2014	PF	INM in Paddy	1	OFF	23	6	29	4	1	5
	04.09.2014	PF	INM in Paddy	1	OFF	22	6	28	11	3	14
	05.09.2014	PF	INM in Paddy	1	OFF	20	2	22	5	--	5
	09.09.2014	PF	Importance of Soil testing for Paddy Crop	1	OFF	19	7	26	7	4	11
	12.09.2014	PF	Importance of Soil testing for Paddy Crop	1	OFF	28	2	30	13	--	13
	18.09.2014	PF	Importance of Soil testing for Paddy Crop	1	OFF	20	5	25	10	2	12
	22-24.09.2014	RY	INM in Paddy	3	OFF	24	6	30	6	4	10
	08.10.2014	PF	Production technique of Organic Mannure	1	OFF	27	1	28	2	--	2
	18-20.10.2014	PF	INM in Rabi Crops	3	ON	27	1	28	2	--	2
	19.10.2014	PF	Production Technique of Vermi compost	1	OFF	20	1	21	5	1	6
	27.10.2014	PF	INM in Paddy	1	OFF	26	--	26	4	--	4
	15.12.2014	PF	INM in Potato	1	OFF	17	8	25	11	8	19
	17-19.12.2014	PF	NUE through Soil crop Management	3	ON	33	--	33	19	--	19
	23.12.2014	PF	Soil Health	1	OFF	55	--	55	7	--	7
	24.12.2014	PF	INM in vegetable crop	1	OFF	24	--	24	1	--	1
	26.12.2014	PF	INM in Onion	1	OFF	25	1	26	14	--	14
	01.01.2015		INM in vegetable crop	1		27	--	27	--	--	--
	09.01.2015		INM in crop	1		16	--	16	--	--	--
	12.01.2015		INM in maize	1		32	--	32	--	--	--
	23.01.2015		Soil testing	1		30	--	30	--	--	--
	18.02.2015		INM in maize and wheat	1		22	--	22	--	--	--
	23.02.2015		INM in vegetable crop	1		25	--	25	--	--	--
	25.02.2015		INM in vegetable crop	1		22	--	22	--	--	--
	26.02.2015-01.03.2015		Organic manure production technique	1		25	--	25	--	--	--
		PF	INM in vegetable crop	1	OFF	24	--	24	5	--	5
		PF	INM in maize	1	OFF	25	--	25	7	--	7

		PF	INM in vegetable crop	1	OFF	20	--	20	--	--	--
	26-28.03.2015	RY	Soil health management of crop on STB	1	ON	24	1	25	8	1	9
Agronomy	29.04.2014	PF	Importance Soil testing in relevant to crop Production	1	ON	25	--	25	--	--	--
	09.05.2014	PF	Nursery Management in Paddy	1	OFF	24	5	29	2	2	4
	12.05.2014	PF	Cultivation of Jute	1	ON	20	--	20	2	--	2
	28.05.2014	PF	Agronomic Practics of Jute	1	OFF	17	--	17	2	--	2
	03-04.06.2014	PF	Nursery Management in Paddy	2	ON	21	4	25	3	3	6
	20.6.2014	PF	Management of Rice-Wheat cropping system	1	OFF	14	2	16	2	1	3
	22.06.2014	PF	Agronomic Management practices of Red Gram	1	OFF	25	--	25	1	--	1
	26.06.2014	RY	Vermi composting for income generation	1	OFF	38	3	41	--	--	--
	07-09.07.2014	RY	Seed Production of Paddy	3	ON	24	1	25	3	1	4
	22.07.2014	PF	Crop & Water Management	1	OFF	22	3	25	2	3	5
	23.07.2014	PF	Crop & Water Management	1	OFF	27	--	27	3	--	3
	24.07.2014	PF	Crop & Water Management	1	OFF	39	--	39	5	--	5
	06.08.2014	PF	Weed Management in Paddy	1	OFF	26	4	30	--	4	4
	19-21.08.2014	PF	Production Technique in Fodder Crop	3	ON	17	--	17	4	--	4
	27-29.08.2014	PF	Diversity of Rice_ Wheat Cropping System	3	ON	4	11	15	2	7	9
	29.08.2014	PF	Weed Management in Paddy	1	OFF	22	--	22	4	--	4
	01.09.2014	PF	ICM in paddy	1	OFF	23	--	23	3	--	3
	02.09.2014	RY	Seed Production in Paddy	1	OFF	22	2	24	2	2	4
	11-12.09.2014	PF	ICM in Paddy	2	ON	27	--	27	17	--	17
	19.09.2014	RY	Seed Production in Paddy	1	OFF	25	--	25	8	--	8
	09.10.2014	PF	Seed Production of Wheat	1	OFF	30	4	34	6	4	10
	28.10.2014	PF	Sowing of wheat by	1	OFF	30	--	30	4	--	4

			ZTD								
	05.11.2014	PF	Cultivation of Rabi Pulses	1	OFF	30	--	30	3	--	3
	08.11.2014	PF	Seed Production of Wheat	1	OFF	14	2	16	2	2	4
	15.-17.11.2014	RY	Integrated Farming	1	ON	25	--	25	3	--	3
	20.11.2014	PF	Sowing of Wheat by ZTD technology	1	OFF	24	2	26	3	2	5
	01.12.2014	PF	Weed Management Practices in wheat	1	OFF	32	--	32	7	--	7
	02-04.12.2014	RY	Seed Production of Wheat	3	ON	30	--	30	6	--	6
	07.12.2014	PF	Cultivation of Rabi Pulses	1	OFF	25	--	25	5	--	5
	10-12.12.2014	RY	Wheat cultivation by Zero tillage testing	3	ON	18	7	25	6	7	13
	09.01.2015	PF	Cultivation of Moong	1	OFF	28	--	28	6	--	6
	13.01.2015	PF	Weed Management in Boro Paddy	1	ON	22	--	22	5	--	5
	22.01.2015	PF	Cultivation of Pulse	1	OFF	25	--	25	5	--	5
	01.02.2015	PF	Weed Management in Boro Paddy	1	OFF	27	1	28	2	1	3
	27.02.2015	PF	Cultivation of Moong	1	OFF	22	2	24	2	--	2
	26.02.2015	EF	Cultivation of Jute	1	OFF	24	8	32	2	--	2
	09-11.03.2015	PF	Cultivation of green gram	1	ON	25	--	25	6	--	6
	03.03.2015	PF	Integrated Farming System	1	ON	11	15	26	2	6	8
	16.03.2015	PF	IWM in Boro Paddy	1	ON	5	16	21	--	8	8
Home Science	09.04.2014	RY	Preparation of Sobudana, Papad & Chips	1	OFF	--	20	20	--	2	2
	16.04.2014	RY	Preparation of Papad & Potato chips	1	Off	--	27	27	--	7	7
	10-12.04.2014	PF	Preparation of Papad & Potato chips	3	On	--	25	25	--	8	8
	09.05.2014	PF	Use of Mango Small fruit	1	OFF	--	20	20	--	2	2
	19-23.05.2014	RY	Cutting & Stitching of Women garments	5	ON	--	25	25	--	4	4
	02.06.2014	PF	Preservation of Mango	1	OFF	--	22	22	--	4	4
	23-27.06.2014	RY	Cutting and stitching of Women garment	5	OFF	--	27	27	--	6	6
	07-08.10.2014	PF	Processing of Makhana	2	ON	--	25	25	--	3	3
	09.10.2014	PF	Importance of Nutrient Garden	1	OFF	--	29	29	--	--	--

	18.10.2014	PF	Importance of Nutrient Garden	1	OFF	--	20	20	--	2	2
	24.10.2014	RY	Importance of Nutrient Garden	1	OFF	--	28	28	--	12	12
	02.11.2014	PF	Importance of Nutrient Garden	1	OFF	--	27	27	--	7	7
	03.11.2014	PF	Importance of Nutrient Garden	1	OFF	--	30	30	--	30	30
	18-19.11.2014	PF	Importance of Mushroon Production	1	ON	--	30	30	--	--	--
	26-30.11.2014	PF	Importance of Weaning Food for children growth & development	5	ON	--	30	30	--	5	5
	13-14.11.2014	RY	Importance of Nutrient Garden	2	ON	--	30	30	--	4	4
	15-16.112014	RY	Importance of Nutrient Garden	2	ON	--	25	25	--	5	5
	24.12.2014	RY	Preservation of seasonal fruit vegetable	1	OFF	--	25	25	--	5	5
	26.12.2014	PF	House hold food security of by Kitchen gadening	1	OFF	--	20	20	--	5	5
	29-31.12.2014	PF	Balance Nutrition seasonal fruit and vegetable	3	ON	--	25	25	--	8	8
	05.01.2015	PF	Importance of Nutrition garden	1	OFF	--	20	20	--	5	5
	06-09.01.2015	RY	Importance of Seasonal Fruit and Vegetable Preservation	4	ON	--	16	16	--	4	4
	16.01.2015	PF	Preservation of Seasonal Fruit & Vegetable	1	OFF	20	1	21	5	--	5
	25-02-2015	PF	Preservation of Seasonal Vegetable as Pickles	1	OFF	--	20	20	--	5	5
	19-20.02.2015	RY	Mushroom Cultivation	1	ON	12	13	25	2	3	5
	02.03.2015	PF	Storage of grain	1	OFF	25	5	30	7	--	7
	18.03.2015	RY	Preparation of Potato chips and papad	1	OFF	--	24	24	--	4	4
Extension Education	27.04.2014	PF	Soil & water testing	1	Off	33	--	33	8	--	8
	28.04.2014	PF	Soil & Water testing	1	ON	25	--	25	--	--	--
	15-17.04.2014	RY	Entrepreneurship development through Dairy	3	ON	22	3	25	--	--	--
	07.04.2014	EF	Soil & water testing	1	Off	66	2	68	5	--	5

	19.05.2014	PF	SHG Formation & Management	1	OFF	25	--	25	--	--	--
	23.05.2014	PF	Capacity building of Rice growers	1	OFF	79	1	80	2	--	2
	24.05.2014	PF	Capacity building of Rice growers	1	OFF	52	--	52	4	--	4
	25.05.2014	PF	Capacity building of Rice growers	1	OFF	51	--	51	7	--	7
	26.05.2014	PF	Capacity building of Rice growers	1	OFF	70	--	70	--	--	--
	27.05.2014	PF	Capacity building of Rice growers	1	OFF	89	--	89	9	--	9
	29.05.2014	PF	Capacity building of Rice growers	1	OFF	55	2	57	8	--	8
	09.06.2014	RY	Capacity building of Kisan Club Member	1	ON	26	--	26	7	--	7
	11.06.2014	RY	Entrepreneurship development of members or farmer's club	1	OFF	1	27	28	1	23	24
	15.07.2014	RY	Entrepreneurship development through Dairy	1	ON	22	3	25	7	--	7
	24.07.2014	PF	Capacity building of Rice growers	1	OFF	63	--	63	9	--	9
	27.07.2014	PF	Capacity building of Rice growers	1	OFF	70	--	70	19	--	19
	07.08.2014	PF	Nutrient Management in Paddy	1	OFF	32	--	32	7	--	7
	09.08.2014	PF	Capacity building of Rice growers	1	OFF	22	--	22	3	--	3
	11.08.2014	RY	Entrepreneurship development through Dairy	1	ON	16	21	37	1	6	7
	16.08.2014	PF	Capacity building of Rice growers	1	OFF	23	2	25	3	--	3
	01.09.2014	RY	Entrepreneurship development through Dairy	1	ON	--	34	34	--	19	19
	04.09.2014	RY	Entrepreneurship development through Makhana cultivation & its Processing	1	ON	25	--	25	2	--	2
	12.09.2014	PF	Capacity building of Paddy growers	1	OFF	27	--	27	5	--	5
	17.09.2014	PF	Capacity building of Paddy growers	1	OFF	25	--	25	4	--	4
	27.09.2014	PF	Entrepreneurship	1	ON	26	7	33	4	7	11

			development through Dairy								
	08.10.2014	PF	Production Technique of Vermi compost	1	OFF	28	--	28	--	--	--
	15.10.2014	PF	Entrepreneurship development through Beekeeping	1	ON	22	8	30	--	--	--
	01-03.11.2014	PF	Entrepreneurship development through Dairy	3	ON	25	3	28	5	--	5
	21-11-2014	PF	Entrepreneurship development of members or farmer's club	1	OFF	45	25	70	13	6	19
	26.11.2014	PF	Entrepreneurship development through Bamboo cultivation and its process	1	OFF	30	--	30	--	--	--
	02.12.2014	PF	Entrepreneurship development through Poultry Production	1	OFF	30	--	30	7	--	7
	12.12.2014	PF	Entrepreneurship development through Dairy	1	OFF	33	10	43	5	7	12
	09.01.2015	PF	Capacity Building on rabi Cultivators	1	ON	33	--	33	--	--	--
	16.01.2015	PF	Practices of Conservation Agriculture	1	ON	19	2	21	2	--	2
	17.01.2015	PF	Capacity Building on Bamboo Cultivator	1	ON	56	--	56	8	--	8
	27-29.01.2015	PF	Entrepreneurship development through Honey Bee Production	1	ON	33	6	39	5	--	5
	09.02.2015	PF	Entrepreneurship development through Poultry Production	1	OFF	30	--	30	4	6	10
	11.02.2015	PF	Entrepreneurship development through Poultry Production	1	OFF	25	--	25	7	--	7
	23-25.02.2015	PF	Entrepreneurship development through Poultry Production	1	ON	25	5	30	8	5	13
	26.02.2015	EF	Entrepreneurship development	1	OFF	32	--	32	2	--	2
	10.03.2015	PF	Entrepreneurship development through Poultry Production	1	OFF	20	7	27	4	4	8

	24.03.2015	PF	Capacity building of coconut cultivator	1	ON	26	--	26	2	--	2
	25.03.2015	PF	Entrepreneurship development through Poultry Production	1	ON	23	7	30	--	5	5
	24-30.03.2015	R Y	Entrepreneurship development through vermin compost Production	1	ON	24	6	30	3	--	3

(D) Vocational training programmes for Rural Youth

Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermicompost		Vermicompost Production & Marketing	07	23	7	30	02	16	22	24
Value addition		Amla , Murraba & its importance and packing	05	00	23	23		03	8	2
Entrepreneurship development		Entrepreneurship through Dairy	05	03	26	29		14	20	12
Vermi culture		Production of Vermi compost	06	23	3	26		8	3	14
Entrepreneurship development		Entrepreneurship through poultry	05	24	2	26		12	12	24

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

S. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY/EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
	Entrepreneurship Development through Makhana cultivation and its Processing	Entrepreneurship Development	Sept 14	03	PF	01	25	--	--	--	--	--	25	--	--	25	ATMA SIWAN
	Conservation Agriculture	Conservation Agriculture	16.01.2015	01	PF	01	17	02	-	03	-	-	20	02	-	22	DHO, Purnea
	National Bamboo Mission & Nursery Management	Cultivation of Bamboo	03-07.02.2015	05	EF	01	08	-	-	-	-	-	08	-	-	08	DHO, Purnea
	Cultivation and Processing of Bamboo	Cultivation of Bamboo	17.01.2015	01	PF	01	46	06	02	02	-	-	48	06	02	56	DHO, Katihar
	Fertiliser Management in Rabi Crops		04.02.2015	01	PF	01	107	05	-	--	-	-	107	05	-	112	ATMA, Katihar
	Management of Orchards		06.02.2015	01	PF	01	98	19	07	15	04		113	34	07	143	ATMA, Katihar

	Enterpreneurship Development among Rural Youth	Enterpreneurship Development	07.02.2015	01	PF	01	119	32	08	54	12	-	173	44	08	225	ATMA, Katihar
	Cultivation Rabi Crops	Crop Production	03.02.2015	01	PF	01	87	14	4	19	4	2	106	18	6	130	ATMA, Katihar
	Empowerment of women through farm activities	Women Empowerment	05.02.2015	01	PF	01	17	--	--	95	12	06	112	12	6	130	ATMA, Katihar
	Cultivation of Maize	Crop Production	05.04.2014	01	PF	01	03	03	00	11	02	00	14	05	00	19	ASHA
	IPM in Rabi Crops	Crop Production	09.01.2015	01	PF	01	33	-	-	-	-	-	33	-	-	33	Dhanuka Agritech limited
	Bihar mein Nariyal ki vaigyanik kheti	Fruit Production	24.03.2015	01	PF	01	26	--	--	--	--	--	26	-	-	26	BAU, Sabour

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	17	1508	139	1647	56	6	62	1564	145	1709
KisanMela	01									
Kisan Ghosthi	30	2159	301	2460	44	5	49	2203	306	2460
Exhibition										
Kisan Chaupal	43	1134	385	1519	89	00	88	1223	385	1608
Film Show	06	310	115	425	8		8	318	115	433
Method Demonstrations	02	08	02	10				08	02	10
Farmers Seminar										
Workshop	02	45	22	67	11	02	13	56	24	80
Group meetings	8	45	36	81	9	3	12	54	48	102
Lectures delivered as resource persons	82									82
Advisory Services	75									75
Scientific visit to farmers field	1728	1595	33	1728	00	00	00	1595	33	1728
Farmers visit to KVK	505	405	73	478	22	06	28	427	78	505
Diagnostic visits										
Exposure visits	03	126	29	155	00	00	00	126	29	155
Ex-trainees Sammelan	02	82	00	82	82	00	82	82	00	82
Soil health Camp	03	115	11	126	05	00	05	115	00	115
Animal Health Camp	01	29	16	45	3		3	32	16	48
Agri mobile clinic										
Soil test campaigns	02	102	12	94	03	01	04	85	13	118
Farm Science Club Conveners meet	12	474	32	506	08	04	12	482	36	518
Self Help Group Conveners	06	170	22	192	06	02	08	176	24	200

meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)										
Any Other (Specify)										
Total	**2528**	**8307**	**1228**	**9615**	**346**	**29**	**374**	**8546**	**1254**	**10028**

Kisan Chaupal Details year 2014-15

S.No.	Date	Name of Village	No. of Question	No of Participants						
				SC		ST		Others		Total
				M	F	M	F	M	F	
1.	12.04.2014	Mehdai	11	04	00	00	03	21	17	45
2.	19.04.2014	Dhangama	17	00	00	00	00	42	00	42
3.	26.04.2014	Jagannathpur	26	00	02	00	00	27	30	59
4.	03.05.2014	Dwasay	19	02	00	00	00	28	01	31
5.	10.05.2014	Kisanpur	13	00	01	00	00	26	20	47
6.	17.05.2014	Nimaul	10	00	00	00	00	15	09	28
7.	24.05.2014	Kamraul	21	03	00	00	00	44	00	47
8.	31.05.2014	Nima	18	00	00	00	00	43	00	43
9.	07.06.2014	Musapur	25	00	00	00	00	50	00	50
10.	21.06.2014	Uttari Bhandartal	18	01	00	00	00	35	00	36
11.	28.06.2014	Balthi	20	05	00	02	00	30	00	37
12.	05.07.2014	Aabadpur	10	07	00	00	00	13	00	20
13.	12.07.2014	Alampur	29	09	00	03	00	45	02	47
14.	19.07.2014	Amarsinghpur	20	00	00	00	00	34	14	48
15.	26.07.2014	Arihana	10	00	00	00	00	23	00	23
16.	09.08.2014	Harsauta	10	00	00	06	00	16	00	22
17.	16.08.2014	Nauara	15	00	00	00	00	22	03	26
18.	23.08.2014	Bari bathana	19	02	00	05	00	17	07	31
19.	29.08.2014	Madhubani	37	03	12	10	00	20	13	60
20.	06.09.2014	Phulhara	13	03	01	00	00	25	07	36
21.	13.09.2014	Bavan Ganj	17	02	00	01	00	31	00	34
22.	20.09.2014	Mohanpur	08	02	00	00	00	28	02	22
23.	27.09.2014	Baisa	11	01	00	00	00	23	05	27
24.	11.10.2014	Lahasa	20	00	01	00	04	00	26	31

25.	18.10.2014	Katihar	16	04	00	23	01	00	00	28
26.	01/11/2014	Madhubani	17	02	33	00	00	00	00	35
27.	08/11/2014	Daheriya	20	00	00	00	00	02	29	31
28.	15/11/2014	Sirniya East	15	01	03	01	01	08	21	35
29.	22/11/2014	Sirniya West	11	06	02	01	02	07	08	26
30.	29/11/2014	Sakaraili	08	00	00	00	00	00	37	37
31.	06/12/2014	Chitoria	14	00	00	00	00	31	00	31
32.	13/12/2014	Sahebnagar	12	00	00	00	00	34	00	34
33.	20/12/2014	Bari Mohanpur	18	00	00	00	00	39	00	39
34.	27/12/2014	Chilmara	23	00	00	00	00	01	20	21
35.	03/01/2015	Parsa	25	05	00	03	00	17	00	27
36.	10/01/2015	Basgada	14	02	00	01	00	20	00	23
37.	17/01/2015	Charkhi	35	00	00	00	00	55	00	55
38.	31/01/2015	Dharmeli	21	05	00	07	00	36	00	48
39.	14/02/2015	Chandwa	59	00	00	04	00	34	08	44
40.	21/02/2015	Dighari	25	00	00	00	00	20	02	22
41.	07/03/2015	Kureta	15	00	02	00	02	01	15	20
42.	14/03/2015	Potiya	25	06	00	00	00	36	05	47
43.	21.03.2015	Rajwara	08	00	00	01	00	23	00	24

3.5 Production and supply of Technological products

Village seed

Crop	variety	Quantity of seed (q)	Value (Rs)	Number of farmers provided
Total				

KVK farm

Crop	variety	Quantity of Seed (q)	Value (Rs)	Number of farmers provided
Wheat	HD-2733	94.0	193267	26
Mustard	R.Suflam	1.18	5401	04
Arhar	NDA-1	4.30	5160	Send to Director seed and farm, BAU, Sabour
Paddy	R. Sweta	54.0	162000	
Potato	K.Pokhraj	13.0	39000	
Grand Total		**166.48**	**404828**	

Production of planting materials by the KVKs

Crop	Variety	Quantity of Planting material no./seed (q)	Value (Rs)	Number of farmers provided
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others				
Fruits				
Mango				
Guava				
Lime				
Litchi				
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products

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

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Grand Total				

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

Item	Title	Authors name	Number	Circulation
Seminar/conference/ symposia papers	Pankaj Kumar, R. K. Singh and S. B. Singh	migrated labour become an entrepreneur: a case of farming community of Katihar.	National Seminaor of Rural Youth in Family Farming : Need and Challenge. T2:07 December 18-19,	

			2014 pp37	
	Dharmendra Kumar, S.B. Singh and Md. Miraz	control of new castle and infectious bursal disease in village chicken.	. National Seminaor of Rural Youth in Family Farming : Need and Challenge. T5:19 December 18-19, 2014 pp124	
	Dharmendra Kumar, S.B. Singh and Md. Miraz	effect of supplementation of probiotics to commercial broilers	National Seminar of Rural Youth in Family Farming : Need and Challenge. T5:20 December 18-19, 2014 pp125	
	Dharmendra Kumar, S.B. Singh and Md. Miraz	effect of probiotics suplimentation of heat stress and milk production of dairy animals.	National Seminar of Rural Youth in Family Farming : Need and Challenge. T5:21 December 18-19, 2014 pp126.	
	Dharmendra Kumar, S.B. Singh and Sunita Kumari	effect of green fodder feeding on milk production of dairy animals	. National Seminar of Rural Youth in Family Farming : Need and Challenge. T6:05 December 18-19, 2014 pp157	
	Dharmendra Kumar, S.B. Singh and Md. Miraz	Effect of bypass fat feeding for improving the productivity of dairy animals.	National Seminar of Rural Youth in Family Farming : Need and Challenge. T6:06 December 18-19, 2014 pp158.	
	Dharmendra Kumar, S.B. Singh and Md. Miraz	evaluation of home made mineral mixture for Kishanganj District	National Seminar of Rural Youth in Family Farming : Need and Challenge. T6:07	

			December 18-19, 2014 pp 158-159.	
	S B Singh, R K Singh and Pankaj Kumar	Effect of potassium application on seed yield of berseem (*Trifolium alexandrium L.*)	National Seminar on sustainable rural development through soil health an fertility management in agriculture Feb 14-15, Organised by KVK BHU Varanasi Soveniour ISBN 9788188863570 page no 13-14.	
	R K Singh, Pankaj Kumar and S B Singh	Effect of Sulphur on the Yield of Mustard (*Brassica juncea* L.) and Soil properties	National Seminar on sustainable rural development through soil health an fertility management in agriculture Feb 14-15, Organised by KVK BHU Varanasi Soveniour ISBN 9788188863570 pp 14-15	
	Pankaj Kumar, R K Singh and S B Singh	Impact of Training Programmes on Adoption of Organic Farming practices	National Seminar on sustainable rural development through soil health	

			an fertility management in agriculture Feb 14-15, Organised by KVK BHU Varanasi Soveniour ISBN 9788188863570 pp 12	
Research paper	Ajay Kr Das, B. Prashad and R. K. Singh	Response of chemical fertilizer and vermicompost on okra (*Abelmoschus esculantus*) cv. PRAVANI KRANTI	. The Asian Journal of Horticulture 9 (2) : 372-376	
	Rama Kant Singh, Pankaj Kumar, K. M. Singh	Effect of biofertilizer on growth, yield and economics of rice (*Oryza sativa* L.*)*	Submitted in Journal of soil science and water conservation,New Delhi	
	R. K. Singh, Pankaj Kumar, S.K. Singh, A. K. Das and S.B. Singh	*Effect of split application of nitrogen on performance of wheat (*Triticum aestivum *L.)*	Submitted in Journal of soil science and water conservation,New Delhi	
Books				
Bulletins	Cultivation of Bamboo	Dr. S.B.Singh, Sri Pankaj Kumar	500	500
	Skill development through Productivity and resource utilization by Conservation Agriculture	Dr. S.B.Singh, Sri Pankaj Kumar, Dr. R.K.Singh	500	500
News letter				

Popular Articles	फसलोत्पादन में उर्वरक प्रबन्धन **simanchal times 29 (7) 37-38**	Dr. R.K.Singh		
	जैव उर्वरक : आवश्यकता एवं महत्व **October 2014**	Dr. R.K.Singh		
	अजोला : प्रकृति का बहुमूल्य उपहार	Dr. R.K.Singh		
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

N.B. Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

S. No.	Name of programme	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Workshop	Sri Amarendra kumar vikas, Programme Assistant (Computer)	06.04.2014	BAU, Sabour
2.	Workshop	Sri Mukesh Kumar, Assistant	12-14.06.2014	BAU, Sabour
3.	Training Programme	Sri Pankaj Kumar, SMS(E.Ext.)	30.07.14 to 02.08.15	BAU, Sabour
4.	Winter School	Dr. R.K.Singh, SMS (Soil Sc.)	11.12.14 to 03.01.2015	
5.	Agricultural Marketing for Expert Working at KVK of the university	Dr. R.K.Singh, SMS (Soil Sc.)	15-16.01.2015	BAU, Sabour
6.	Re-Orientation of Agricultural Education	Dr. R.K.Singh, SMS (Soil Sc.)	14-15 November 2014	BAU, Sabour
7.	Commidity futures Market	Sri Pankaj Kumar, SMS(E.Ext.)	02-03.12.2014	BAU, Sabour

3.7 Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

1)

1. किसान का नाम, जन्मतिथि एवं स्थान	श्री टुनटुन मंडल, 02.08.1987 ग्रम – डुमरिया, विशनपुर, पो0– मनसाही, कटिहार
2. पत्राचार का पता	ग्रम – डुमरिया, विशनपुर थाना+ पो0– मनसाही, जिला–कटिहार मो.–9709621008

3. सफलता की कहानियों में प्रमुखः

दूनटून मंडल ग्रम डूमरिया विशनपुर मनसाही कटिहार के निवासी हैं इन्होनें विभिन्न संस्थाओं से प्रशिक्षण प्राप्त किया है। जिसमें प्रमुखतः बिरसा कृषि विश्वविद्यालय राँची में बकरी पालन प्रशिक्षण, सेन्ट्रल आलु रिसर्च सेन्टर से आलु, राजेन्द्र कृषि विश्वविद्यालय, पुसा बिहार से औषधीय पौधा के उन्नत खेती, केन्द्रीय मात्सियकी शिक्षा संस्थान से मत्स्य एवं झींगा पालन, राजेन्द्र कृषि विश्वविद्यालय, पुसा बिहार से वर्मी कम्पोस्ट कृषि विज्ञान केन्द्र कटिहार से मधुमक्खी पालन, नेशनल इन्स्चयुट ऑफ रिसर्च ओन जुट एन्ड एलाइंड फाइबर कलकता– जूट, कृषि विज्ञान केन्द्र कटिहार बिहार से ग्राफ्टिंग एवं लेयरिंग के द्वारा पौधा का प्रवर्धन, साईस फॉर सोसाइटी पुर्णिया से एस0 एच0 जी0, उत्तर बिहार ग्रमीण बैंक मनसाही से एस0 एच0 जी0 का कार्य, कृषि विज्ञान केन्द्र कटिहार से समेकित कृषि प्रणाली का प्रशिक्षण प्राप्त किया है। गरीबों के उत्थान के लिए "भावना किसान क्लब" का गठन कर किसानों को उन्नत खेती का जानकारी प्रदान करते हैं। क्लब की महिलाओं को जूट का प्रशिक्षण दिलाकर स्वाबलंबी, स्वरोजगारोन्मुखी बनाने का कार्य करते हैं। उद्यमिता विकास के लिए मुर्गीपालन, सुअर पालन और कम लागत में वर्मी कम्पोस्ट, बांसबेड बना कर वर्मी कम्पोस्ट का उत्पादन करता है। श्री टूनटून मंडल के द्वारा किसान मेला एवं बिहार दिवस 2013 में अपने स्टॉल के माध्यम से किसानों का ज्ञानवर्धन किया गया। बिहार दिवस 2013 के अवसर पर कृषि विज्ञान केन्द्र, कटिहार से सहयोग से बांस के उत्पादों का स्टॉल लगाया गया था जिसे काफी सराहा गया।

2)

1. किसान का नाम, जन्मतिथि एवं स्थान	रंजित कुमार सिंह 09.01.1975
2. पत्राचार का पताः	ग्रम– संगतिबाडी, पो0 – कुरेठा, थाना– मनसाही, जिला–कटिहार
3. औपचारिक/अनौपचारिक शिक्षाः	प्रवेशिका विज्ञान

4. सफलता की कहानियों में प्रमुखः–

श्री रंजीत कुमार सिंह अपनी परिवारिक परिस्थितियों के कारण मात्र प्रवेशिका तक की शिक्षा पूर्ण करने के बाद जब अपनी आजीविका के विषय में सोचना शुरू किया तब इस युवा को कई मार्ग मिले कुछ दूसरे उपायों जैसे किसी फैक्ट्री में काम करना भी इन्होंने शुरू किया। कुछ दिनों के पश्चात् इन्होंने महसूस किया कि दूसरे जगह काम करने से अच्छा है कि अपने छोटे से भू–भाग में अपने पिता का हाथ बंटाकर अगर खेती की जाय तो कोई बुराई नहीं। इन्होंने कृषि विज्ञान केन्द्र के वैज्ञानिकों से संपर्क कर खेती की नई विद्याओं को सीखा एवं वैज्ञानिक विधि से खेती प्रारम्भ किया। इन्होंने मशरूम उत्पादन का भी प्रशिक्षण लिया एवं मशरूम उत्पादन शुरू किया। आज श्री रंजीत कुमार सिंह, समाज के अन्य वर्गो के लिए प्रेरणास्रोत बन गए हैं। इन्होंने कई स्वयं सहायता समूहों के सदस्यों को मशरूम उत्पादन समुहों के सदस्यों को मशरूम उत्पादन का प्रशिक्षण दिया एवं उनकी सहायता की। इनके द्वारा दिए गए प्रशिक्षणों में कटिहार जेल के कैदियों को रोजगार हेतु मशरूम उत्पादन पर प्रशिक्षित करना प्रमुख है।

3)

1. किसान का नाम, जन्मतिथि एवं स्थान	श्री सदानंद मंडल, 01.03.1983, भेलाई प्रखण्ड– डंडखोरा जिला–कटिहार
2. पत्राचार का पताः	ग्रम– भेलाई, प्रखण्ड– डंडखोरा, जिला–कटिहार,
3. औपचारिक/अनौपचारिक शिक्षाः	आठवीं पास

4. सफलता की कहानियों में प्रमुखः–

सदानंद मंडल ने अपने आजीविका की तलाश में कक्षा–आठवीं की पढ़ाई छोड़ पंजाब की ओर रूख किया वहाँ उन्होंने कश्मीर एपीयरी में दिहाड़ी श्रमिक के रूप में तीन साल तक काम किया। लगन के पक्के एवं कुछ नया करने की सोच रखने वाले श्री मंडल ने अपनी जमा पूँजी से सन् 1999 में 10 बॉक्स से पंजाब में ही अपना मधुमक्खी पालन शुरू किया। सन् 2000 में शादी होने के पश्चात् पंजाब से 100 बॉक्स लेकर अपने घर आ गये। अगले वर्ष बाढ़ की विभिषिका के कारण उनके सभी बॉक्स समाप्त हो गये। इसके बाद वे निराश होकर पिता द्वारा प्राप्त 11 डिसीमिल जमीन में खेती शुरू की साथ ही साथ दिहाड़ी श्रमिक के रूप में गाँव में ही दूसरे कृषकों की खेती में अपना योगदान देने लगे। धून के पक्के लोगों का रास्ता प्रकृति भी नहीं रोक पाती एवं किस्मत, लगन, नये रास्तों पर चलने के लिए प्रेरित करती है। श्री मंडल ने कृषि विज्ञान केन्द्र कटिहार से मधुमक्खी पालन, समूह निर्माण की कलाएँ सीखी। इसके बाद इन्होंने 11 कृषकों का जिनकी अभिरूचि मधुमक्खी पालन में था एक समूह तैयार किया एवं 75 बॉक्स से मधुमक्खी पालन शुरू किया।

आज इसके समूह में 750 बॉक्स हैं प्रत्येक साल 250 बॉक्स बढ़ते हैं। जिसकी ये तो अपने समूह में रखते हैं या फिर नये मधुमक्खी पालकों को बेच देते हैं। जिसका दर

2800 रुपये प्रति बॉक्स होता है। मधुमक्खी बॉक्स के माइग्रशेन में इनकी पत्नी सहयोग करती है। ऐसे समय जब पराग नहीं मिलता, मधुमक्खी को चीनी खिलाने की आवश्यकता होती है। उस समय इसका पूरा सहयोग करती है। ये अपने मधुमंक्खी बॉक्स को लेकर विभिन्न मौसमों में कटिहार, किशनगंज, पूर्णियाँ, भागलपुर, बाँका तक जाते हैं। इनके समूह को सालभर में औसत 20 लाख (अनुमानित) आय हो जाती है। इन्होंने मधुमक्खी पालन के कारण अपने पिताजी से प्राप्त जमीन 11 डिसमिल में बढ़ोत्तरी करते हुए 496 डिसमिल कर ली है। इस प्रकार से इन्होंने दिहाड़ी श्रमिक से मुक्ति पाकर अपने साथ के 10 और लोगों को उद्यमिता की राह पर ले जाने का प्रयास किया है।

एक ऐसे दौर में जबकि कृषि में युवाओं का रुझान घटता जा रहा है श्री मंडल उन युवाओं के लिए प्रेरणास्रोत साबित हो रहे हैं।

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

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

3.10 Indicate the specific training need analysis tools/methodology followed by the KVK

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1.	Bunsen Burner for LPG Gas	1
2.	Muffle Furnace 4”X4”X9” Chamber Size Make TANCO	1
3.	Viscometer Ostwald glass	1
4.	Max-Min Thermometer	1
5.	Hygrometer Make- Imported Digital	1
6.	Automatic Vortexing Machine Cyclo Mixer TANCO make	1
7.	Grinder	1
8.	Mechanical Shaker	1
9.	Electronic Balance	1
10.	PH meter	1
11.	Flame Photometer	1
12.	Hot Air Oven	1
13.	Hot Plate	1
14.	Digital Conductivity meter	1
15.	Double Distillation Unit	1

3.11.b. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
pH, E Ce, OC, N, P, K,Ca,Mg,Na, CO_3,HCO_3,Cl,	542	542	49	--
Total	**542**	**542**	**49**	**--**

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.14. RAWE programme - is KVK involved?

No of student/ARS trained	No of days stayed
6 (Six)	90 (Ninty)

3. List of VIP visitors (MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit

4.0 IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

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

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2 Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Improved cultivars	1675
Seed treatment	1546
Vermicompost	1195
Seed production	365
Balanced fertilizer application	1690

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

4.4 Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

1.5 Details of entrepreneurship development

Details of innovations recorded by the KVK

Thematic area	Resource conservation
Name of the Innovation	Sri Lalit Kumar Singh
Details of Innovator	Age:- 62 years Vill:- Kantia Post:- Kadwa Distt:- Katihar(Bihar)
Back ground of innovation	Farming
Technology details	Sri Lalit Singh adopted the methods of IFS. In most of his land he planted some useful trees that gave him fruits and timbers so useful. He started small dairy that gave him ample milk for sale. He started Gobar gas plant and the slurry of gobar gas plant converted into vermi compost and from gas he operated pumping set and domestic use. Growing Mushroom and maintaining more than fifty colonies of Bees' become another solid source of income. He taught the importance of environment and ecology to another farmer of neighboring areas
Practical utility of innovation	Uses of dung in different methods saves the expenditure of petroleum products and the sale of vermicompost,milk, mushroom , Honey bee gives additional income

Entrepreneurship development	
Name of the enterprise	Bee keeping
Name & complete address of the entrepreneur	Sri Sadanand Mandal
Intervention of KVK with quantitative data support:	Intervention of Entrepreneurship Development on Beekeeping
Time line of the entrepreneurship development	2013-14
Technical Components of the Enterprise	Training
Status of entrepreneur before and after the enterprise	Start Beekeeping in a group of farmers and in first years starts with 10 boxes and get 550 Kg honey with an investment of Rs 25000. The gross return from this enterprise get Rs 5500/- and the net return found with the start of this enterprise is Rs. 2000/-
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Enterprise is in good condition and the group found satisfactory results in terms of monitory benefits.
Horizontal spread of enterprise	Enterprise is spread among other 14 rural youths.

Entrepreneurship development	
Name of the enterprise	Vermicompost
Name & complete address of the entrepreneur	Sri Satendar Singh. Vill:- Sakraily, Block- Brari
Intervention of KVK with quantitative data support:	Training Sri Singh make a unit of 1750 cubic feet with an investment of 3000/- and he found net return of rs.2220/-
Time line of the entrepreneurship development	2013-14
Technical Components of the Enterprise	Training
Status of entrepreneur before and after the enterprise	After starting the enterprise sri singh gets additional income of Rs. 2220 .
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Present working condition is in a good condition . The avaibility of raw material is not a problem and the sailing of vermicompost is not a problem.
Horizontal spread of enterprise	Other progressive farmers adopt this enterprise

1.6 Any other initiative taken by the KVK

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	**Nature of linkage**	**Action Taken**
DAO, Katihar.	Technical Support	Joint Programme Like Workshop, Training, Demonstration, Crop Cutting, Field Day, Krishak Gosthi, Rabi Mahotsav, Kharif Mahotsav, Weekly Crop Calendar, Farmer awareness Programme
DHO, Katihar	Technical Support	Joint Programme Like Workshop, Training, Demonstration, Crop Cutting, Field Day, Krishak Gosthi, Rabi Mahotsav, Kharif Mahotsav, Farmer awareness Programme
ATMA, Katihar	Technical Support	Joint Programme Like Workshop, Training, Demonstration, Crop Cutting, Field Day, Krishak Gosthi, Rabi Mahotsav, Kharif Mahotsav, Weekly Crop Calendar, Farmer awareness Programme
IFFCO, Katihar.	Technical Support	Training
NABARD, Katihar	Technical Support	Training
Jute Dev. Office, Katihar.	Technical Support	Training
Sugarcane Department, Purnea	Technical Support	Training
NGO, Katihar	Technical Support	Training
AIR, Purnea	Technical Support	News Coverage
JIVIKA, Katihar	Technical Support	Training, SGHs formation
NSC	Technical support in seed production programme	Training for seed production programme
CIFE, Mumbai	Joint Programme	Training
IARI, Pusa, Samastipur	Joint Programme	Training, Demonstration
Doordarshan, Patna	Joint Programme	News Coverage

BRBN	Technical Support	Seed Production
Industrial Development Department	Technical Support	Training
Rural Self Employment Training Institute, Katihar	Technical Support	Training
Lead Bank(Central Bank of India)	Technical Support	Training

5.2. List special programmes undertaken during 2013-14 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

Total				
Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Mushroom unit	2013	1800 Sq ft	Oyster mushroom					
2.	Vermicompost Unit	2010	600		Vermicompost	59.00qt			
3.									

4.									
5.									
6.									
7.									
	Total								

6.2 Performance of instructional farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Potato	26.11.14	02.03.15	0.4	K. Pukhraj	C/S	13	50,697		
Wheat	17-22.11.13	17.04.14	03	HD-2985	F/S	94	67000	193267	
Arhar	21.07.13	11.04.14	01	NDA-1	F/S	4.3	14000	51600	
Mustard	14.012.13	20.03.14	0.4	R. Sudlam	T/L	1.18	1800	5401	

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

Sl. No.	Name of the Product	Qty (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.					

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							
2.							
3.							

6.5 Utilization of hostel facilities

Accommodation available (No. of beds) – 30

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Sept 2014	25	03	For Training
Feb2015	08	05	For Training
August to Oct	02	45	For Collecting the Data
23-30,March ,2014	30	30	For Training Programme
Total :			

(For whole of the year)

6.5 Utilization of staff quarters

Whether staff quarters has been completed: Yes
No. of staff quarters: 06(1 pc quarter, 1 FM quarter, 2 TA quarter , 2 supporting staff quarter completed and allotted)
Date of completion:
Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
December 2013	✓					
December 2013		✓				
December 2013			✓			
December 2013				✓		
February 2014					✓	
February 2014						✓

7.FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
R/F	State Bank of India	Shiv Mandir chowk, Katihar	**10501342703**
C/A	State Bank of India	Shiv Mandir chowk, Katihar	**10501337736**
NHM	State Bank of India	Shiv Mandir chowk, Katihar	**31114820470**
Kisan Bhawan	State Bank of India	Shiv Mandir chowk, Katihar	**32122713347**

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	

7.4 Utilization of funds under FLD on Maize *(Rs. In Lakh)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2012
	Kharif	Rabi	Kharif	Rabi	
TOTAL					

7.5 Utilization of KVK funds during the year 2014-15

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	7060000	7060000	7057543
2	Traveling allowances	50000	50000	50000
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments	185000	185000	412557
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts,	138000	138000	326819

	demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	92000	92000	140600
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	48000	48000	96891
G	Training of extension functionaries			
H	Maintenance of buildings	37000	37000	47154
I	Establishment of Soil, Plant & Water Testing Laboratory	230000	230000	
J	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

7.6. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2011-12	135544.49	428018.00	431734.00	135544.49
2012-13	1233898.49	999923.00	594485.00	1639336.49
2013-14				1663239.49
2014-15	1663239.49	652393.00	890906.00	1424726.49

Note :- Rs. 328689.00 has been transferred and Actual Expenditure (890906.00-328689.00) 562217.00

7.6.(i) Number of SHGs formed by KVKs
(ii) association of KVKs with SHGs formed by other organizations indicating the area of SHG activities.:- **24**

7.7 Details of marketing channels created for the SHGs

7.8. Special programme on Food and Nutrition :

7.9. Joint activity carried out with line departments and ATMA

Name of activity	Season	With line department	With ATMA	Both
Field Visit	Kharif & Rabi 2014-15	✓	✓	✓
Krishak Gosthi	Kharif & Rabi 2014-15	✓	✓	✓
Field Day	Kharif 2014	✓		

8. Other information

8.1. Prevalent diseases in Livestock/Crops

Name of the disease	Crop/animal	Date of outbreak	Number of death/ % crop loss	Number of animals vaccinated

8.2. Nehru Yuva Kendra (NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	
Vermicompost	24.03.2015	30.03.2015	23	07	NIL

8.3. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration

8.4. SMS PORTAL

Date of start of functioning of SMS portal

No. of messages	No. of calls	No. of farmers covered	Types of messages (No.)					
			Crop	Livestock	Weather	Marketing	Awareness	Other
410872	219	2445	84	05	19	00	46	65

8.5 Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
2 October 2014	✓ cleanliness of residential colony situated at KVK, Katihar. ✓ sanitation in Field day. ✓ Kisan Mela organized. ✓ In village level programmes Team KVK focused upon the importance of sanitation ✓ Techniques of sanitation at village level like vermi compost technique , Mushroom cultivation technique to recycle agri waste in a suitable manner with earning additional income also introduced. Farmers were advised to minimize the Chemical Fertilisers, Insecticides, Pesticides through Soil Testing, Bio Fertilisers and use of bio - Pesticides.

8.6 Observation of National Science day

Date of Observation	Activities undertaken

8. 5.Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants

8.6 Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Conel Academy, Katihar	28.11.2014	Agricultural Knowledge among the Children and Faculty members	-

8.7 Report on Citizens' Client Charter (attending the requests seeking guidance on agricultural technology and technology products)

Sl. No.	Services/ Transaction	Process	Service Standard	No. of such services attended by KVKs and ATICs during the year	No. of such services pending with KVK/ATIC beyond 30 days
1.	Guidance on Agricultural technology and technology products	Personal contact by the Service Sectors with the responsible person of KVK/ATIC	30 days	**556**	**NIL**

8.8 Community Radio Station :- Under Process.

Date of establishment :

Amount of fund received year wise :

Source of fund:

Achievements:

Sr. no	Community Radio Stations (CRS)	No of programmes in the year	Total broadcast hrs in a month	Please specify details of the broadcasts
A.	Agricultural broadcasts • Talks/interviews/discussions with experts, PG students/ and farmers on Agricultural technologies • Agroclimatic conditions, weather and marketing advisory • Phone–in programme of interface with experts • Phone-in programme with interface of progressive/innovative farmers • Success stories of progressive farmers • Success stories in FLD/OFT/			

Sr. no	Community Radio Stations (CRS)	No of programmes in the year	Total broadcast hrs in a month	Please specify details of the broadcasts
B.	Trainings /Extension activities • Women in agriculture programme • Discussions on current issues in agriculture and allied sectors. • KVK happenings • Agricultural University professors. • Any other(please specify) Community development broadcasts Please specify the programmes like rural development, educational, health, environment, public service broadcasts, sports etc.			

8.6 No. of Progressive/Innovative/Lead farmer identified (category wise)

8.7. a. Utilization of HRD fund (Rs 0.50 Lakh provided to KVKs)

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme	Amount spent for the purpose (Rs.)

8.8 Revenue generation:

SL.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Farmer's Hostel	31635.00	
2.	Institutional charges	8500.00	
3.			
4.			

8.9 Resource Generation:

SL.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created

8.10. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2011-12	IMD	Not in good condition

8.11. IPNI Trail (**Applicable for KVKs identified under IPNI trial):- N/A**

I Name of Crop
II No. of farmers involved
III Area (ha.)
IV Date of sowing
V Crop Season
VI Result of trial with photographs however detailed results/observation should be sent as per performance after crop harvest
VII Amount Spent

9. Achievement under TSP Project:-

Name of the village adopted under TSP	Block	Population of the village			ST Population of the village			Percentage of ST population to total population
		M	F	T	M	F	T	

Asset created under TSP

Fund received under TSP in 2014-15:---------- lakh

8.11 PROGRESS REPORT OF NICRA KVK (Technology Demonstration component)
2014-15:- N/A

(**Applicable for KVKs identified under NICRA)**

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total

Detailed report should be provided in the circulated Performa

11. National Initiative on Fodder Technology Demonstration (NIFTD)
(**Applicable for KVKs identified under NIFTD)**

Name of the fodder crop	Date of sowing	Area (ha)	No. of farmers involved	Demonstration Yield (q/ha)			Check Yield			% increase
				H	L	A	H	L	A	

Economic of Demonstration

Name of the fodder crop	Demonstration Cost/Rs/ha			Check Cost (Rs/ha)		
	Gross cost	Gross return	BC ratio	Gross cost	Gross return	BC ratio

12. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Ist Prize Mango Award	Sri Amit Kumar	2014	BAU, Sabour	Nil	Best mango Awards (husne ara)
2.	BAU Krishak Samman	Sri Ranjeet Kumar	2015	BAU, Sabour	Nil	Kisan Mela