Progress Report

(April 2017 –March 2018)

भाकृअनुप
ICAR

PRESENTED IN ANNUAL WORKSHOP
Of
KVKs of Zone II

HELD AT

OUAT

Bhubaneswar

(26TH- 27TH May 2018)

KRISHI VIGYAN KENDRA, SCADA, ARA,

SONE COMMAND AREA DEVELOPMENT AGENCY,
SONE BHAWAN,DAROGA PRASAD RAI PATH,
PATNA – 800001

PROFORMA FOR ANNUAL REPORT 2018 (April 2017to March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, SCADA, Japanese Farm , Katira, Ara, Bhojpur, Bihar PIN-802301	9431091369	06182-234014 (pp)	bhojpurkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Sri A. K. Singh (IAS) Area Development Commissioner-cum-Chairman **Sone Command Area Development Agency(SCADA),** Sone Bhawan,Daroga Prasad Ray Path, Patna, Bihar,-800001	0612-2230572	0612-2228286	

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Pravin Kumar Dwivedi Senior Scientist & Head	9006658283	9431091369	pravinagron@gmail.com

1.4. Year of sanction of KVK:

(Reference of Sanction Order) 5(1)/93, KVK, (AE-1): Date 06-07-1994

1.5. Staff Position (as on 1st April, 2018)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
1	**Senior Scientist & Head**	Dr. Pravin Kumar Dwivedi	**Senior Scientist & Head.**	Agronomy	37400-67000 66230	02.06.2001	Permanent	Others
2	Subject Matter Specialist	Sri Niles Kumar	SMS (Horticulture)	Horticulture	15600-39100 35550	09.10.1996	-Do-	Others
3	Subject Matter Specialist	Smt. Supriya Verma	SMS (Home Science)	Home Science	15600-39100 31890	11.08.2001	-Do-	OBC
4	Subject Matter Specialist	Sri Shashi Bhushan Kumar 'Shashi'	SMS (Plant Protection)	Plant Protection	15600-39100 23640	14.01.2013	-Do-	OBC
5	Subject Matter Specialist	Dr. Sachidanand Singh	SMS (Ext. Education)	Ag. Extension	15600-39100 23640	14.01.2013	-D0-	Others
6	Subject Matter Specialist	Dr. Anil Kumar Yadav	SMS (PBG)	PBG	15600-39100 23640	16.01.2013	-Do-	OBC
7	Subject Matter Specialist	Vacant w.e.f-01.01.2015	SMS (Animal Husbandry)	Animal Husbandry	15600-39100	28.01.2013	-Do-	Others
8	Programme Assistant	Vacant w.e.f-14.01.2013			9300-34800			Others
9	Programme Assistant Computer	Pankaj Kumar	Programme Assistant Computer	Computer	9300-34800 22960	01.01.2001	-Do-	Others
10	Farm Manager	Sunil Kumar	Farm Manager	Ag. Economics	9300-34800 22960	06.02.2001	-Do-	OBC
11	Accountant / Superintendent	Sri Sanjeev Raghuvanshi	Accountant	Accounts	9300-34800 15210	16.01.2013	-Do-	Others
12	Stenographer	Radha Krishn Nair	Jr. Stenographer cum Computer Operator	Computer	5200-20200 15420	18.12.2000	Permanent	Others
13.	Driver cum Mechanic	Mahabir Ram	Driver	--	5200-20200 12110	02.12.2000	-Do-	SC
14.	Driver cum Mechanic	Vacant w.e.f-27.11.2017	Driver	--	5200-20200	--	--	--
15.	Supporting staff	Baby Kumari	Office attendant	--	4440-7440 10200	07.06.2001	-Do-	Others
16.	Supporting staff G I	Vacant w.e.f-07.09.2008	Office attendant	--	4440-7440	--	--	--

1.6. Total land with KVK (in ha) :

Sl. No.	Item	Area (ha)
1	Under Buildings	03.00
2.	Under Demonstration Units	01.50
3.	Under Crops	12.50
4.	Orchard/Agro-forestry	01.20
5.	Others with details(Road , Threshing Floor, Agro Met centers)	01.21
	Total	19.41

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	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					June 2001	550	Under use	ICAR
2.	Farmers Hostel					-Do-	300	Under use	ICAR
3.	Staff Quarters (6)					-Do-	200	Under use	ICAR
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure								
7	Threshing floor					2012		Under use	ICAR
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit					Sept. 2007	500 birds	Under use	DRDA, Bhojpur
11.	Goatery unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab					2007		Under use	ICAR
16	Others, Please Specify								
A	Distillation Unit for Medicinal & Aromatic plant					Sept. 2007	1.5 ton	Under use	DRDA Bhojpur
B	Seed Processing Plant					2014-15		Machines are under testing	RSVY

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Maruti (BR-3 7839)	1995	189853.90	152311	Not Running
Raj Doot (BR-1F 8380)	1995	34379.00	158561	Not Running
Raj Doot (BR-1F 8381)	1995	34379.00	158860	Not Running
Kinetic (BR-1F 7205)	1995	33638.60	19083	Not Running
Bajaj Discover (BR-03S-4736)	2016	60967.00	937	New Purchase
Bajaj Discover(BR-03S-4759)	2016	60967.00	8071	New Purchase

C) Equipment & AV aids

Name of the equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
Home Science				
Usha Empress Sewing Machine	2000	2008	Working	ICAR
Usha Foot operated sewing machine	2000	2569	-Do-	
Usha flora Embroidery machine	2000	4600	-Do-	-Do-
Dim-Display System (2 No.)	2000	34238	-Do-	-Do-
Papad pressure Machine	2001	4690	-Do-	-Do-
Pulverize with 2Hp electric machine	2001	21183	-Do-	-Do-
Horticulture				-Do-
Garden instrument	2003	3683	-Do-	-Do-
Vet,Science				
Compound Microscope	2013	7000	-Do-	-Do-
Autoclave Electrically Operated	2013	11500	-Do-	-Do-
Bunsen Burner with Stopcock	2013	475	-Do-	-Do-
Staining Rack	2013	375	-Do-	-Do-
Sprit Lamp S. Steel	2013	85	-Do-	-Do-
Plain Slide	2013	100	-Do-	-Do-
Cover Slip	2013	100	-Do-	-Do-
Leishman Stain	2013	584	-Do-	-Do-
Methylene Blue	2013	105	-Do-	-Do-
Office				-Do-
Typewriter machine (English)	2000	11050	-Do-	-Do-
Multi pad kit 7	2000	11940	-Do-	-Do-
Dim DTS Display System (4set)	2000	14990	-Do-	-Do-
Kodak Camera Model KB 20	2000	1895.00	-Do-	-Do-
Phillips Tape, Radio Model 170	2000	1175.00	-Do-	-Do-
Nikon Cool Pix Digital Camera P 80	2009	24920.00	-Do-	-Do-
A V Aids				
Photo phone 35mm	1995	12665.00	-Do-	-Do-
Linear Tray for 36 slides	1995	381.00	-Do-	-Do-
Circular Tray for 120 slides	1995	818.00	-Do-	-Do-
Carrying case	1995	600.00	-Do-	-Do-
Auto Timer	1995	515.00	-Do-	-Do-
Plastic Map Type Screen	1995	700.00	-Do-	-Do-
Spare Halogen Lamp	1995	390.00	-Do-	-Do-
Voltage Stabilizer 2.5 KVA	1995	2173.47	-Do-	-Do-
Ahuja Amplifier player	1995	4735.15	-Do-	-Do-
Mike Model Asm 580	1995	1385.10	-Do-	-Do-
Mike Model CTP 10m	1995	473.60	-Do-	-Do-
Ahuja Sound Column Model SCM15	1995	850.55	-Do-	-Do-
Ahuja Sound SCM 15T	1995	961.00	-Do-	-Do-
Mike Stand DGT	1995	229.00	-Do-	-Do-

Furniture A/C				-Do-
Godrej Storwell (3 No.)	1995	15837.60	-Do-	-Do-
Premium Chair	1995	5222.60	-Do-	-Do-
Sleet Table T.8 (4 Units)	1995	13023.00	-Do-	-Do-
Godrej Armless Chair PCH 7004 (4 Units)	1995	9748.00	-Do-	-Do-
Godrej Armless Chair CHE 4 (5 No.)	1995	3951.00	-Do-	-Do-
Godrej Chair CHR 7 (4 No.)	1995	3811.00	-Do-	-Do-
Godrej premium Table HGERU	1995	11987.20	-Do-	-Do-
Z. T. Machine 9 Tyne	2007	23000.00	-Do-	-Do-
Z.T. Machine 11 Tyne	2007	24500.00	-Do-	-Do-
Computer	2007	39000.00	-Do-	-Do-
Laptop	2007	37000.00	-Do-	-Do-
Acer LCD Projector	2007	48375.00	-Do-	-Do-
H. P. Print Scanner Fax	2007	20384.00	-Do-	-Do-
Submersible Pump	2007	59850.00	-Do-	-Do-
Photocopier	2013	74950.00	-Do-	-Do-

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Z. T. Machine 9 Tyne	2007	23000.00	Working	ICAR
Z.T. Machine 11 Tyne	2007	24500.00	-Do-	
Tractor 36.5 HP			-Do-	Transferred by ICAR From KVK Khagariya
Tractor Taylor			-Do-	-Do-
Cultivator 9 Tyne			-Do-	-Do-
Land leveler			-Do-	-Do-
Disc Plough			-Do-	-Do-
Disc Harrow			-Do-	-Do-
Generator 5HP			-Do-	-Do-

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.	23.05.2014	15+13	Connection of land line in Office as well as at residence of Programme Coordinator	Work is in progress	
			Technological back up to Farmers Club established by DDM,NABARD	It is always considered & insured	
			Technology based CD were desired by Progressive farmers	CD were made available	
			Proposal for new Vehicle	Work is in progress	
			Wide circulation of KVK related resource & information through All India Radio & DD, Patna.	As per directives work is going on	
			Suggestions to farmers for the development of underutilized Ponds with the help of Depart of Fisheries	As per directives work is going on	
			Construction of Approach Road in KVK campus	Work is in progress	
			Under delay arrival of fund from ZPD ,Kolkata, fund available with Revolving fund may be utilized for timely execution of	As per directives work is going on	

			scheduled training/Demonstration programmes		

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2017-18)

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

S. No	Farming system/enterprise
1	Rice – Wheat – Fallow + Dairy
2	Pearl Millet–Vegetable–Fallow
3	Vegetable – Wheat – Fallow + Dairy
4	Vegetable – Flower – Flower + Dairy
5	Agriculture + Poultry
6	Dairy + Sheep

2.2Description of Agro-climatic Zone & major agro ecological situations (Based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
	IIIB, South Bihar Old Alluvial Plains	**Longitude – 85° 45'E – 85° 15' E Latitude 25° 15'N – 25° 46'N Altitude – 195.98 m above MLS Avg. Rain fall – 1040 mm RH – 35 – 95% Lowest Temp. – 4° C Highest Temp. – 45° C Mean Daily maximum – 39.5 – 41.3° C Climate – Tropical monsoon with mild winter**
S. No	**Agro ecological situation**	**Characteristics**
1	**Southern part Canal irrigated**	Upland (0 – 3 % slope) 15 18 % of Area course are deep, light to medium (top) and medium to heavy sub soil in texture and neutral to slight alkaline in reaction Medium Upland 80 % of Area deep, medium heavy to heavy (surface) and heavy (sub soils) in texture and neutral to slight by alkaline in relation Ferruginous and calcium carbonate concentration and polygonal cracks are also observed . The low land covering about 2.5 % of the area heavy textured .
	Northern part Rain fed	The area being a part of vast Gangatic alluvial in practically flat fertilizer and production. The alluvial deposits are shallow to deep and well developed soil profiles. The alluvium is the result of transportation and deposition of sediments by the over flooded river The primary minerals quartz, feldspars, muscovite, biotitic, amphiboles, pyroxenes and opaque minerals. The area is upland medium upland and medium lowland. The first part of upland being heavy textured extended along both side of river and second part being sandy in nature in the western most parts. The medium upland occupies the most part of the area and moderately well drained to somewhat poorly drained light to medium texture and neutral in reaction. The low land covering about 60 % of area are heavy textured.

2.3 Soil types

Sl. No	Soil type	Characteristics	Area in ha
1	Agiaon & Nanauta	Upland to medium land (60%) flat ; medium to heavy textured Clay (Surface) and heavy clay (sub soils) in texture olive to olive gray top and olive gray to yellowish brown (below) in colour sandy loan to with calcium carbonate constriction .These soils are natural to slightly alkaline in reaction (6.8 – 8.2) low in soluble salt EC (0.1-0.6d Sm^{-1})low in free CaCO3 (tr – 1-5%) poor to high in 0o C (0.07-0.8%) low to medium in	1, 28,000

		available P2O5 and medium to high in available K2O (216-480 Kg / ha) Soil irritability class – A to D Taxonomically – Placental, Haplustalf, Pelludert, Chromusterts	
2	Agiaon Kalhaun	Mostly medium upland to lowland (30%) moderate to poorly drained moderate to slow in permeability, loamy sand to loam (surface) and clay loam (sub soils) in texture, pale to pale brown top and greyish brown to brown (below) in colour and neutral in reaction (606-7.4) Ferruginous concentration have been observed throughout the profile	5, 44, 00
3	Again Kalhaun Nanatia	The Soil are heavy textured, greyish brown to olive brown in colour and neutral in reaction The soils occupying medium upland to low land are poorly drained, loam (surface) and clay loam to clay (subsoil) in texture , olive to olive brown (below) in colour and neutral in reaction pH-(6.4-7.4) ferruginous and calcium carbonate concentration have been observed in the lowest horizons .	2, 51, 34

Source -4 Decades of soil survey in Bihar Abs. Report of South Bihar Plain vol. 2 RAU Pusa

2.4. Area, Production and Productivity of major crops cultivated in the district

Sl. No	Crop	Area (ha)	Production (Qt)	Productivity (Qt /ha)
Kharif	**Paddy**	**1, 20,500**	**435607**	**36.15**
	Maize (Kharif)	**7,000**	**16114**	**23.02**
	Red gram	**3500**	**4537**	**13.25**
Rabi	**Wheat**	**1, 03,800**	**270399**	**26.05**
	Maize (Rabi)	**2,295**	**5547**	**24.17**
	Gram	**205000**	**26896**	**13.12**
	Lentil	**20,000**	**22920**	**11.46**
	Pea	**2500**	**3450**	**13.80**
	Mustard	**10,140**	**8619**	**8.50**
	Potato	**3525**	**56682**	**160.80**
	Onion	**2,650**	**38557**	**145.50**
	Sugar Cane	**1950**	**114075**	**585.00**

Source: - Dist. Agriculture Office, Bhojpur

2.5. Weather data

Month	Rainfall (mm)		Temperature ^{0} C		Relative Humidity (%)	
	Normal	Actual	**Maximum**	**Minimum**	**RH –I (7 AM)**	**RH –II (2 PM)**
Apr.2016	8.1	0.0	36.95	25.07	59.97	20.17
May	29.9	27.0	36.35	28.94	59.97	30.97
Jun	145.5	46.50	36.90	28.22	91.44	47.27
July	289.3	273.20	33.7	29.19	98.84	73.77
Aug.	313.3	140.34	32.56	26.98	98.84	72.81
Sept.	209.6	285.17	29.91	23.78	87.43	65.53
Oct.	50.0	45.71	30.41	23.01	99.00	59.00
Nov.	7.4	0.0	27.78	15.85	90.1	38.20
Dec.	4.3	0.0	20.08	10.88	98.74	70.74
Total	**1057.4**	**817.92**				
Jan,2017	17.5	0.0	18.08	11.8	94.71	78.39
February	18.3	0.0	25.00	12.89	92.21	51.39
March	7.4	0.0	29.43	18.98	94.97	42.61

Total	**43.2**					

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

Category	Population	Production	Productivity
Cattle			
Crossbred	5962	8048700	4.5
Indigenous	82981	21160155	0.85
Buffalo	151756	54632160	1.8
Sheep			
Crossbred	--	--	--
Indigenous	43698	--	--
Goats	134142	--	--
Pigs	17097	--	--
Crossbred			
Indigenous			
Rabbits			
Poultry	**171694**		
Hens	43765	--	--
Desi			
Improved	5375	--	--
Ducks			
Fish			2800 MT

Source: - NABARD, Bhojpur

2.6 (a) Details of operational area / villages (2017-18)

Sl. No.	Name of Taluka	Name of the Block	Name of the Village	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Ara	Koelwar	Bishunpura	Rice Wheat	Termite Delay in Sowing	IPM RCT&ZT Drills
		Udwantnagar	Adaura	Rice Wheat	Labor Problem Delay in Sowing Phalaris minor	Mechanical Transplanted Rice RCT &ZT Drills Weed control
			Sri Rampur	Paddy Wheat	Labor Problem Delay in Sowing Phalaris minor	Mechanical Transplanted Rice RCT &ZT Drills Weed control
		Sandesh	Akhgawn Bazaar	Paddy Vegetables Dairy	Drought Low economic return Low economic return	Contingency Crop Pearl Millet INMS Fodder Management
2	Jagdishpur	Bihiya	Finagi	Paddy Vegetables	Stem borer & BPH Poor Quality	IPM Organic Farming
		Jagdishpur	Baulipur	Paddy Wheat	Low yield with traditional cultivars	Seed Production
			Haradiya	Paddy Wheat	Low yield with traditional cultivars	Seed Production
3	Piro	Piro	Jamuawn	Paddy Wheat	Poor fertility	INMS & Organic Farming
		Sahar	Chashi	Paddy- Wheat	Stem borer Micro Nutrient	IPM & Organic Farming Weed control & INMS
		Agiyaw	Mandih	Paddy-Wheat Vegetable	Poor return	Promotion of SHGs & Growers Association

(b) Details of village adoption programme:-

Name of the villages adopted by PC and SMS in 2016-17for its development and action plan

Villages adopted by	Name of village	Block	Action taken for development
Senior Scientist &Head	Hematpur	Ara	1.Training & Diagnostic work
			2. Seed Village programme
			3. Linked with DAO &Assist. Director, Hort. for various state sponsored programme.
			4. ATMA sponsored Farmers School.
			5. FLD
Subject Matter Specialist(Hort)	Yadopur	Bihiya	1.Training & Diagnostic work
			2. Linked with Assist. Director, Hort. for various state sponsored programme.
SMS (Home Science.)	Sharathua,	Udwantnagar	1.Training & Diagnostic work
			2. Linked with Assist. Director, Hort. for various state sponsored programme.
Subject Matter Specialist(P P)	Mandih	Agiyaw	1.Training & Diagnostic work
			2. Linked with Assist. Director, Hort. for various state sponsored programme.
			3. ATMA sponsored Farmers School.
			4. FLD
Subject Matter Specialist (Ag Ext)	Osayin	Bihiya	1.Training & Diagnostic work
			2. Linked with Assist. Director, Hort. for various state sponsored programme.
Subject Matter Specialist(PBG)	Baulipur	Jagdishpur	1.Training & Diagnostic work
			2. Linked with Assist. Director, Hort. for various state sponsored programme.

(c) Sansad Adarsh Gram Yojona

Name of the village under Sansad Adarsha Gram Yojona: **Gundi (Sraiya), Barhara, Bhojpur**

I) Contribution of KVK in the programme: Field Survey& training

THRUST AREAS

Priority Thrust Areas identified through PRA survey & other Methods.

Sl. No	**Thrust area**
1.	Seed Production Programme with special focus on heat & drought tolerant cultivars.
2.	Resource Conservation Technology for better water management under changing climate
3.	Income generation through High tech Horticulture
4.	Adoption of INM and IPM for sustainable agriculture
5.	Income Generation for Farm Women through Apiculture, Poultry, Mushroom & Value addition.
6.	Technological awareness for SHG and Kishan Club & Growers Association

3. TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement

Seed production (q)		Planting material (Nos.)	
Target	Achievement	Target	Achievement

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement

*Given no. only in case of fish fingerlings

3.1 Achievements on technologies assessed and refined

3.1 Achievements on technologies assessed and refined

OFT - **Crops are under harvesting process**
OFT-1

1.	Title of On farm Trial	Evaluation of DSR Technology for Hybrid Paddy
2.	Problem diagnose	Poor yield of Paddy due to frequent drought
3.	Details of technologies selected for assessment/refinement	As direct seeded rice (DSR) has good root rhizosphere it can tolerate drought
4.	Source of Technology	ICAR, RCER, Patna
5.	Production system and thematic area	Resource Conservation Technology (RCT)
6.	Performance of the Technology with performance indicators	RCT with DSR has increased the yield.
7.	Final recommendation for micro level situation	In Semi-lowland areas Resource Conservation Technology will increase yield
8.	Constraints identified and feedback for research	The lack of awareness about Resource Conservation Technology in Rice which requires more exposure to this technology.
9.	Process of farmers participation and their reaction	The farmers were activator in this study. The result of studies was appreciated by farmers.

Thematic area:

Problem definition: -Poor precipitation in July during early vegetative growth of paddy is detrimental for yield.

Technology assessed: -Use of RCT for better r

Rhizosphere and yield under drought condition.

Technical Intervention-KVK, Bhojpur had conducted an On-farm Trial on Evaluation of RCT for Semi-lowland Paddy under drought condition. There were 20 replications and 2 treatments in Kharif 2016.During first week of June 2016; with ZT Drill direct seeding of variety Aries 6444 (Hybrid paddy) was done. The seedlings were also raised on same date of DSR for conventional paddy sowing. It was found that in Tech. Option 2. There is an increase of 9.77% over farmers practice in yield and 26.31% higher net return.

Table: Comparative of Yield attributes & Yield

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
Farmers Practice i e conventional transplanting of Paddy	20	269	167	2.152		49.1	27900	58920	31020	2.11:1
Direct seeded rice with ZT Drill		284	199	2.226		53.9	25500	64680	39180	2.54:1

Note: No. of farmers: 2(SC) +18(Others) =20 Duration of Crop for both the situation-145-150,: Rice Sell price-1200/ Qt

OFT-2

1.	Title of On farm Trial	Evaluation of Maize + Potato Inter Cropping System
2.	Problem diagnose	In general Maizeis sown in November and harvested in April. But the Average Yield is not satisfying and the return is not so good.
3.	Details of technologies selected for assessment/refinement	As prevalent in other Maize growing areas. Introduction of Maize + Potato Inter Cropping System will increase the cropping intensity and the overall return of Maize during Rabi season.
4.	Source of Technology	RAU Pusa
5.	Production system and thematic area	Cropping System

6.	Performance of the Technology with performance indicators	Potato was harvested by third week of Mid February resulted in individual Maize crop to grow faster to give higher return from the cropping system.
7.	Final recommendation for micro level situation	Potato Avg. Production was 225Qt/ha and grain formation started in Maize. Crop not matured yet and thus not harvested.
8.	Constraints identified and feedback for research	The lack of awareness about Potato fitment for crop planning. More study is needed on combinations Maize with Potato in Rabi for crop planning.
9.	Process of farmers participation and their reaction	The farmers were activator in this study. The result of studies was appreciated by farmers.

Thematic area:

Problem definition: -Conventional Sole Maize crop in Rabi is not suitable for higher economic return.

Technology assessed: -Inclusion of Potato as inter crop for cropping intensity.

Technical Intervention – KVK, Bhojpur had conducted an On-farm Trial on Evaluation of Maize + Potato intercropping system. There were 8 replications and 2 treatments in Rabi 2016.During third week of November2016, Maize (conventional cultivar) and Potato K Asoka were sown. The harvesting of Potatowas done inMid Februaryfollowed by **standing Maizecrop which is yet to harvested.**

Table: Comparative of Yield attributes & Yield

Technology option	No. of trials	Yield component				Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of Plants/Sq Mt	No. of Potato Hills/Sq Mt	Test wt. (100 grain wt.)	Avg, Tuber Wt(10)						
Farmers Practice i.e Sole Maize Crop	8										
Maize + Potato											

Note: No. of farmers: 0(SC) +8(Others) =8
Maize Cost of cultivation, Cost of cultivation for Maize + Potato-

OFT-3

3.2 Achievements of Frontline Demonstrations **Crops are under harvesting process**

A. Details of FLDs conducted during 2016-17

Cereals

Sl. No.	Crop	Thematic area	Name of the technology demonstrated	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
8.									

Details of farming situation

Sl. No	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_2O_5	K_2O					

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
#Mustered															
Total															

Flowering was affected due to rain resulting yield reduction

Sell price of mustared-4000/Qt

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

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

		Total															

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during 2016-17-**Crops are under harvesting process**

Cereals

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.									
2.									
3.									
4.									

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_2O_5	K_2O					
¤											

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
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

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
		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																
Vermicompost																
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	Observations		Remarks
			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

Extension and Training activities under FLD

SL. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

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

A) 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													
Crop Diversification													
Integrated Farming													
Water management													
Seed production	1	32	-	32	-	-	-	-	-	-	32	-	32
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
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 (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	3	71	-	71	7	-	7	-	-	-	78	-	78

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
Cultivation of Fruit													
Management of young plants/orchards	1	23	-	23	2	-	2	-	-	-	25	-	25
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation 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													
f) Spices													
Production and Management technology													
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													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops	2	31	47	78	1	9	10	-	-	-	32	56	88
Nutrient Use Efficiency													
Soil and Water Testing													
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													

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
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1	20	14	34	4	3	7	-	-	-	23	18	41
Storage loss minimization techniques	2	41	16	57	11	5	16	-	-	-	52	21	73
Enterprise development													
Value addition	2	32	18	50	3	2	5	-	-	-	35	20	55
Income generation activities for empowerment of rural Women	3	37	37	74	120	11	131	-	-	-	157	48	205
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
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	19	568	77	668	25	16	42	-	-	-	638	72	710
Integrated Disease Management	2	40	-	40	6	6	12	-	-	-	46	6	52
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													

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
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production	1	64	-	64	8	-	8	-	-	-	72	-	72
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production	1	18	7	25	2	-	2	-	-	-	27	-	27
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	1	4	15	19	-	5	5	-	-	-	4	20	24
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Awareness for different kind of Soil & seed treatment)	1	26	-	26	-	-	-	-	-	-	26	-	26
TOTAL													

B) 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	1	-	22	22	-	-	-	-	-	-	-	22	22
Bee-keeping													
Integrated farming													
Seed production	1	28	-	28	2	-	2	-	-	-	30	-	30
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													

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
Commercial fruit production	1	25	-	25	-	-	-	-	-	-	25	-	25
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	25	-	25	-	-	-	-	-	-	25	-	25
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	3	56	1	57	26	-	26	-	-	-	83	-	83
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others (Processing & Storage of Japanese mint)	2	50	-	50	3	-	3	-	-	-	53	-	53
Others (Capasity Bulding & Leadership management	2	70	7	77	3	1	4	-	-	-	73	8	81
Others (Post Harvest Management in Mango Orchard)													
Others (Scientific package in Marigold)													

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
TOTAL													

C) 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	1	114	8	122	30	2	32	-	-	-	144	10	154
Integrated Pest Management	1	27	2	29	-	-	-	-	-	-	27	2	29
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	29	-	29	-	-	-	-	-	-	29	-	29
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													
Others (Management of young plant/orchard)	1	28	-	28	2	-	2	-	-	-	30	-	30
TOTAL													

D) 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	4	97	-	97	1	-	1	-	-	-	98	-	98
Resource Conservation Technologies	3	257	30	287	73	22	95	-	-	-	330	52	382
Cropping Systems	2	54	1	55	1	-	1	-	-	-	55	1	56
Crop Diversification													
Integrated Farming													
Water management													
Seed production	24	791	43	834	49	11	60	-	-	-	840	27	894
Nursery management													
Integrated Crop Management	4	95	-	95	2	1	3	-	-	-	97	1	98

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
Fodder production													
Production of organic inputs	1	21	-	21	-	-	-	-	-	-	21	-	21
Others, (cultivation of crops)	15	365	4	369	10	-	10	-	-	-	375	4	379
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development	1	28	-	28	2	-	2	-	-	-	30	-	30
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables	5	129	-	129	9	-	9	-	-	-	138	-	138
Nursery raising	7	160	23	183	10	2	12	-	-	-	170	25	195
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	11	280	-	280	19	-	19	-	-	-	299	-	299
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards	5	136	-	136	5	-	5	-	-	-	141	-	141
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation 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	3	87	-	87	2	-	2	-	-	-	89	-	89
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
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
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	4	107	-	107	8	-	8	-	-	-	115	-	115
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
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	2	19	3	22	1	25	26	-	-	-	20	28	48
Design and development of low/minimum cost diet	1	-	3	3	-	28	28	-	-	-	-	31	31
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	5	119	51	170	27	7	34	-	-	-	146	58	204
Enterprise development													
Value addition	7	129	87	216	8	6	14	-	-	-	137	93	230
Income generation activities for empowerment of rural Women	3	10	73	83	2	5	7	-	-	-	12	78	90
Location specific drudgery reduction technologies	2	47	1	48	4	-	4	-	-	-	51	1	52
Rural Crafts													
Capacity building													
Women and child care	1	16	8	24	1	1	2	-	-	-	17	9	26
Others, if any													
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													

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
Others, if any													
VII. Plant Protection													
Integrated Pest Management	12	281	1	282	27	-	27	-	-	-	308	1	309
Integrated Disease Management	3	194	6	200	16	3	19	-	-	-	210	9	219
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any (Seed treatment)													
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													
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	3	73	-	73	-	-	-	-	-	-	73	-	73
Formation and Management of SHGs	4	96	-	96	1	-	1	-	-	-	97	-	97
Mobilization of social capital	1	21	-	21	1	-	1	-	-	-	22	-	22
Entrepreneurial development of farmers/youths	2	43	-	43	-	-	-	-	-	-	43	-	43
WTO and IPR issues													
Others, (Awareness of different kind of Soil & Seed Treatment)	7	158	-	158	5	-	5	-	-	-	163	-	163
Others (Benefits of RCT through SHG for Strem Management)	13	320	4	324	11	-	11	-	-	-	331	4	335

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
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (If Any)													
TOTAL													

E)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	2	33	12	45	-	2	2	-	-	-	33	14	47
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
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													

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
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	1	-	12	12	-	14	14	-	-	-	-	26	26
Others, if any													
TOTAL													

F) 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													
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													
Crop intensification													
Others (Value Addition)	2	2	20	22	-	-	-	-	-	-	2	20	22
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. 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

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	3	97	-	97	1	-	1	-	-	-	98	-	98
Resource Conservation Technologies	2	257	30	287	73	22	95	-	-	-	330	52	382
Cropping Systems	2	54	1	55	1	-	1	-	-	-	55	1	56
Crop Diversification													
Integrated Farming													
Water management													
Seed production	22	887	43	930	57	11	68	-	-	-	944	54	998
Nursery management													
Integrated Crop Management	4	95	-	95	2	1	3	-	-	-	97	1	98
Fodder production	1	366	33	399	126	-	126	-	-	-	493	33	525
Production of organic inputs	1	21	-	21	-	-	-	-	-	-	21	-	21
Others, (cultivation of crops)	15	365	4	369	10	-	10	-	-	-	375	4	379
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development	1	28	-	28	2	-	2	-	-	-	30	-	30
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables	5	129	-	129	9	-	9	-	-	-	138	-	138
Nursery raising	7	160	23	183	10	2	12	-	-	-	170	25	195
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	11	280	-	280	19	-	19	-	-	-	299	-	299
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	3	71	-	71	7	-	7	-	-	-	78	-	78
Cultivation of Fruit													
Management of young plants/orchards	6	159	-	159	7	-	7	-	-	-	166	-	166
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation 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	3	87	-	87	2	-	2	-	-	-	89	-	89

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													
f) Spices													
Production and Management technology													
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													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	4	107	-	107	8	-	8	-	-	-	115	-	115
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops	1	59	47	106	1	9	10	-	-	-	60	56	116
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
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	1	19	3	22	1	25	26	-	-	-	20	28	48
Design and development of low/minimum cost diet	1	-	3	3	-	28	28	-	-	-	-	31	31
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1	20	14	34	4	3	7	-	-	-	23	18	14
Storage loss minimization techniques	2	160	67	227	38	12	50	-	-	-	198	79	277
Enterprise development													
Value addition	2	161	105	266	11	8	19	-	-	-	172	113	285
Income generation activities for empowerment of rural Women	2	47	110	157	122	16	138	-	-	-	169	126	2951
Location specific drudgery reduction technologies	1	47	1	48	4	-	4	-	-	-	51	1	52
Rural Crafts													
Capacity building													

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
Women and child care	1	16	8	24	1	1	2	-	-	-	17	9	26
Others, if any													
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	9	872	78	950	53	16	69	-	-	-	946	73	1019
Integrated Disease Management	2	234	6	240	22	9	31	-	-	-	256	15	271
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any (Seed Treatment)													
TOTAL													
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													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													

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 livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	4	77	15	92	-	5	5	-	-	-	77	20	97
Formation and Management of SHGs	4	96	-	96	1	-	1	-	-	-	97	-	97
Mobilization of social capital	1	21	-	21	1	-	1	-	-	-	22	-	22
Entrepreneurial development of farmers/youths	2	43	-	43	-	-	-	-	-	-	43	-	43
WTO and IPR issues													
Others, (Awareness for different kind of Soil & Seed Treatment	8	184	-	184	5	-	5	-	-	-	189	-	189
Others (Benefits of RCT through SHG for stren Management	13	320	4	324	11	-	11	-	-	-	331	4	335
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Bee keeping)	1	30	-	30	6	1	7	-	-	-	36	1	37
TOTAL													

ii. 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	2	33	34	77	-	2	2	-	-	-	33	36	69
Bee-keeping													
Integrated farming													
Seed production	1	28	-	28	2	-	2	-	-	-	30	-	30
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production	1	25	-	25	-	-	-	-	-	-	25	-	25
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	25	-	25	-	-	-	-	-	-	25	-	25
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail 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
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprises Development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	1	-	12	12	-	14	14	-	-	-	-	26	26
Enterprise development	1	56	1	57	26	-	26	-	-	-	83	-	83
Others (Processing & storage of Japanese Mient)	2	50	-	50	3	-	3	-	-	-	53	-	53
Others (Capcity bulding	1	70	7	77	3	1	4	-	-	-	73	8	81
Others (Post Harvest management in Mango orchard)													
Others (Scientific Package in Marigold)													
TOTAL													

iii. 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													
Value addition	1	2	20	22	-	-	-	-	-	-	2	20	22
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													

Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others (Management of young plant/ orchard)	1	28	-	28	2	-	2	-	-	-	30	-	30
TOTAL													

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
3.5.2017	EF	Green Mannuring with Dhaicha	1	ON	88	-	88	12	-	12
5.5.2017	PF	Green Mannuring with Dhaicha	1	ON	38	9	47	10	4	14
6.5.2017	PF	Green Mannuring with Dhaicha	1	OFF	52	-	52	12	-	12
18.5.2017	EF	Rice nursery management	1	OFF	18	-	18	1	-	1
20.5.2017	EF	DSR & MTUPR	1	ON	27	-	27	3	-	3
22.5.2017	EF	DSR & MTUPR	1	ON	43	5	48	3	2	5
30.5.2017	EF	IPM in Paddy	1	ON	19	-	19	-	-	-
14.6.2017	PF	Fodder management with Elephant Grass	1	ON	40	-	40	-	-	-
23.6.2017	PF	Fodder management with Elephant Grass	1	ON	15	35	50	1	9	10
24.6.2017	PF	Integrated Crop management in Paddy	1	OFF	26	4	30	-	-	-
28.6.2017	PF	Fodder management with Elephant Grass	1	ON	17	21	38	-	-	-
3-4.7.2017	PF	N. management in Paddy	2	ON	36	-	36	1	-	1
7.7.2017	PF	Weed management in transplanted Paddy	1	ON	28	-	28	-	-	-
10.7.2017	PF	Weed management in transplanted Paddy	1	ON	40	-	40	-	-	-
12-13.7.2017	PF	Water & K. management in Rice to overcome stress	2	ON	37	3	40	-	-	-

17.7.2017	EF	Weed control in Paddy and calibration of Equipments	1	ON	50	-	50	3	-	3
31.7.2017	PF	PM Fasal Bima Yojana	--	--	24	-	24	3	-	3
31.7.2017	EF	Application of water soluble fertilizer in stress management	1	ON	24	-	24	-	-	-
3.8.2017	EF	Role of Bio-fertilizer in INMS & Soil Health	1	OFF	29	6	35	9	-	9
4-5.8.2017	PF	Water management in Rice	2	OFF	23	-	23	4	-	4
17-19.8.2017	EF	Nutrient management in Paddy	3	ON	32	-	32	-	-	-
18.8.2017	PF	Integrated crop management in Paddy	1	ON	55	-	55	1	-	1
19.8.2017	PF	In Parthenium integrated seed control	1	ON	55	-	55	1	-	1
30.8.2017	EF	Production of Vermi Compost its marketing	1	ON	27	2	29	-	-	-
31.8.2017	EF	Integrated weed management in Paddy	1	OFF	30	-	30	2	-	2
28.8 - 1.9.2017	PF	Importance of INMS in Mustard Production	5	ON	20	7	27	2	-	2
4-8.9.2017	PF	Berseem fodder management to miligate	5	ON	20	7	27	2	-	2
6.9.2017	EF	Selection of special crops for Bhojpur	1	ON	17	-	17	-	-	-
11-15.9.2017	PF	Integrated Farming	5	ON	20	7	27	2	-	2
12.9.2017	EF	Doing Project relevance for Bhojpur	1	ON	26	-	26	-	-	-
16.9.2017	EF	Nutrient management – A big challenge in Rabi	1	ON	28	-	28	-	-	-
17.9.2017	EF	Shankal Swachchhata Se Sewa	1	ON	22	-	22	1	-	1
18.9.2017	EF	Swachchha Abhiyan	1	ON	26	-	26	1	-	1
24.9.2017	EF	Swachchhata Diwas	1	ON	47	-	47	2	-	2
27.9.2017	PF	Swachchhata se Sewa Awarness cum training programme	1	OFF	24	-	24	4	-	4
28.9.2017	PF	Swachchhata se Sewa Awarness cum training programme	1	OFF	29	-	29	5	-	5

Horticulture										
5-6.5.2017	RY	Scientific Layout for developing new mango orchard	2	OFF	27	-	27	2	-	2
10-11.5.2017	PF	Scientific Layout for developing new mango orchard	2	OFF	29	-	29	1	-	1
16-17.5.2017	PF	Early Scientific cultivation of Kharif Cucurbits	2	OFF	25	-	25	2	-	2
22.5.2017	PF	Management of Mango orchard before harvest	1	OFF	30	-	30	3	-	3
2-3.6.2017	PF	Scientific Layout for developing new mango orchard	2	OFF	27	-	27	2	-	2
6-7.6.2017	PF	Scientific Layout for developing new mango orchard	2	OFF	29	-	29	1	-	1
18-19.6.2017	RY	Layout and management in newly develop Mango orchard	2	ON	25	-	25	2	-	2
10-11.7.2017	RY	Post harvest nutrient & management of Mango orchard	2	OFF	28	-	28	1	-	1

18.7.2017	PF	Control of little leaf disease in Brinjal	1	OFF	19	-	19	2	-	2
15.7.2017	PF	Control of Mango millybug in Mango	1	OFF	21	-	21	-	-	-
3-4.8.2017	PF	Healthy nursery raising of Cauliflower	2	OFF	27	-	27	2	-	2
11-12.8.2017	PF	Nutrient & Management of Mango orchard	2	OFF	29	-	29	2	-	2
18-19.8.2017	PF	Nutrient & Management of Mango orchard	2	OFF	25	-	25	1	-	1
9.9.2017	PF	Seedling raising of early Cauliflower	1	OFF	27	-	27	-	-	-
11.9.2017	PF	Seedling raising of early Cauliflower	1	OFF	26	-	26	-	-	-
13.9.2017	EF	Drip irrigation system in Mango orchard	1	ON	30	-	30	3	-	3
16.9.2017	PF	INM in Mango orchard	1	OFF	26	-	26	-	-	-
4-5.10.2017	RY	Seed Production technology in short duration Potato	2	OFF	26	-	26	2	-	2
15.10.2017	PF	Package of practices in short duration Potato	1	OFF	30	-	30	3	-	3
16.10.2017	PF	Package of practices in short duration Potato	1	OFF	30	-	30	2	-	2
17.10.2017	PF	Package of practices in Pea	1	OFF	30	-	30	2	-	2
8-9.11.2017	PF	Scientific package in Cabbage	2	OFF	23	-	23	-	-	-
15.11.2017	PF	IPM in Brinjal	1	OFF	22	-	22	-	-	-
17.11.2017	PF	Scientific package in Carrot	1	OFF	24	-	24	-	-	-
20.11.2017	EF	IPM in Mango orchard	1	ON	30	-	30	2	-	2
4-5.12.2017	PF	Control of Late blight in Potato	2	OFF	28	-	28	1	-	1
13-14.12.2017	PF	INM in Onion	2	OFF	25	-	25	2	-	2
16.12.2017	PF	Use of Sprinkler irrigation system in Vegetable crops	1	OFF	27	-	27	-	-	-
20.12.2017	RY	Scientific cultivation of Marigold	1	ON	22	-	22	1	-	1
2-3.1.2018	PF	Scientific package of practices in Onion	2	OFF	29	-	29	1	-	1
10-11.1.2018	PF	Scientific package of practices in Onion	2	OFF	26	-	26	2	-	2
12-13.1.2018	PF	Pre flowering management in Mango orchard	2	OFF	22	-	22	-	-	-
15.1.2018	RY	Scientific package of practices in marigold	1	ON	27	-	27	2	-	2
3.2.2018	EF	Use of drip irrigation system in Mango orchard	1	ON	23	-	23	1	-	1
6-7.2.2018	PF	Scientific cultivation of Summer Okra	2	OFF	28	-	28	2	-	2
13-14.2.2018	PF	Control of Fruit drop in Mango	2	OFF	25	-	25	-	-	-
17.2.2018	PF	Scientific package in marigold	1	OFF	27	-	27	1	-	1
20.2.2018	PF	Chemical weed control in Summer Okra	1	OFF	29	-	29	2	-	2
2-	PF	Application of Sprinkler	2	OFF	27	-	27	2	-	2

3.3.2018		irrigation system in summer vegetable								
15-16.3.2018	PF	Use of Vegetable melch in summer vegetable	2	OFF	25	-	25	1	-	1
17.3.2018	PF	Control of Parthenium in summer Vegetable	1	OFF	29	-	29	3	-	3
19.3.2018	RY	Post harvest technology in Onion	1	ON	24	-	24	-	-	-
27.3.2018	EF	IPM in summer Cucurbits	1	ON	21	-	21	1	-	1
Home Science										
10.3.2017	PFW	Control of godown insect free storage	1	OFF	39	10	49	14	-	14
15.3.2017	PFW	Control of godown insect free storage	1	ON	32	6	38	8	1	9
11-19.4.2017	RY	Mushroom Cultivation	9	OFF	18	4	22	-	2	2
22.4.2017	PFW	Collection & Processing Nira	1	ON	137	-	137	115	-	115
5.5.2017	PFW	Control of godown insect free cereal storage	1	OFF	22	11	33	2	1	3
6.5.2017	PFW	Techniques of insect free Pulses Storage	1	OFF	27	10	37	4	2	6
16.5.2017	EF	Grading parameters for better marketing opportunity in Vegetable marketing	1	ON	144	10	154	30	2	32
24.5.2017	PFW	Grading parameters for better marketing opportunity in Vegetable marketing	1	OFF	26	16	42	3	1	4
25.5.2017	PFW	Control of godwon insect in cereal storage	1	OFF	31	15	46	4	3	7
27.5.2017	PFW	Grading parameters for better marketing opportunity in Vegetable marketing	1	OFF	27	12	44	2	1	3
29.5.2017	PFW	Techniques of insect free Pulses Storage	1	OFF	27	12.	44	3	1	4
2-3.6.17	PFW	Drudgery reduction through weedicide in vegetable production	2	OFF	25	1	26	4	-	4
5-6.6.2017	PFW	To minimize body stress in high temperature condition use of fruit beverage	2	OFF	17	9	26	1	1	22
2-3.8.2017	PFW	Grading Parameters for better marketing opportunity in Veg. Marketing	2	OFF	25	1	26	2	-	2
11.9.2017	RY	Mushroom Cultivation	1	OFF	15	10	25	-	-	-
15.9.2017	PFW	Drudgery reduction through Weedisde	1	OFF	26	-	26	-	-	-
25.9.2017	PFW	Mushroom Cultivation	1	OFF	-	26	26	-	-	-
27-29.9.2017	PFW	Value Added Organic farming by SHg	3	OFF	-	28	28	-	-	-
14-18.11.2017	PFW	Backyard Poultry farming a good source of Income	5	OFF	12	14	28	2	2	4
20-23.11.2017	PFW	Development of Nutrional Garden for Semiarid condation	4	OFF	-	28	28	-	25	25
24-25.11.2017	PFW	Role of SHG for Women empowerment	2	ON	23	18	41	3	4	7
27-29.11.201	PFW	Preparation of balance diet for children & Mother	3	OFF	-	31	31	-	28	28

7										
1-2.12.2017	PFW	Value adding organic farming by SHg	2	OFF	26	-	26	-	-	-
20-23.12.2017	RY	Mushroom Cultivation	4	ON	-	22	22	-	-	-
19.1.2018	PFW	Mushroom Cultivation	1	ON	20	13	33	5	3	8
20.1.2018	PFW	Control of godown insect in cereals storage	1	ON	20	15	35	3	4	7
31.1.2018	PFW	Mushroom Cultivation	1	OFF	-	38	38	3	-	3
5.2.2018	PFW	Tomato Preservation	1	ON	15	13	28	2	1	3
7.2.2018	PFW	Vegetable & Tomato preservation	1	OFF	15	17	32	-	3	3
9.2.2018	PFW	Tomato preservation	1	OFF	18	14	32	1	1	2
13-15.2.2018	PFW	Development of Nutritional Garden for Semiarid Condition	3	OFF	20	-	20	1	-	1
28.2.2018	PFW	Drought tolerant cultivars for Veg. Production through SHg	1	ON	25	5	30	2	-	2
10.3.2018	PFW	Grading parameters for better marketing opportunity in Veg. marketing	1	ON	20	7	27	1	1	2
14-15.3.2018	PFW	Mushroom Cultivation	2	ON	-	35	35	-	8	8
20-23.3.2018	RY	Tye & Dye Batik painting	4	OFF	-	26	26	-	14	14
PBG										
6.4.2017	PF	Scientific cultivation of Moong	1	OFF	21	-	21	-	-	-
7.4.2017	PF	Scientific cultivation of Rabi Maize	1	OFF	23	-	23	-	-	-
19.4.2017	PF	Importance of Drying and Storage for better seed quality of Wheat	1	OFF	22	-	22	1	1	2
8.4.2017	PF	Water and Nutrients management in Rabi Maize	1	OFF	23	1	24	1	1	2
20.4.2017	PF	Scientific cultivation of Rabi Maize	1	OFF	21	-	21	-	-	-
5.5.2017	PF	Cultivation of Dhaicha for green mannuring	1	OFF	28	-	28	2	-	2
6.5.2017	PF	Importance and use of Green mannuring	1	OFF	29	1	30	1	-	1
23.5.2017	PF	Scientific cultivation of Kharif Maize	1	OFF	42	2	44	-	-	-
24.5.2017	PF	Scientific cultivation of Hybrid Rice	1	OFF	40	2	42	5	-	5
25.5.2017	PF	Seed Production technique in Paddy	1	OFF	45	-	45	-	-	-
26.5.2017	PF	Importance of Isolation and Roughing in Paddy seed production	1	OFF	35	-	35	-	-	-
27.5.2017	PF	Seed production of Paddy	1	OFF	45	-	45	5	-	5
12.6.2017	PF	Scientific cultivation of Maize	1	OFF	26	-	26	2	-	2
24.6.2017	PF	Scientific cultivation of Rice	1	OFF	22	-	22	-	-	-
28.6.2017	PF	Seed production of fine Rice	1	OFF	21	-	21	-	-	-
1.7.2017	PF	Scientific cultivation of Rice	1	OFF	21	-	21	-	-	-
29.7.2017	PF	Scientific cultivation of Maize	1	OFF	21	-	21	-	-	-
4.8.2017	PF	Seed production of Rice	1	OFF	21	-	21	-	-	-
9.8.2017	PF	Scientific cultivation of Kharif Maize	1	OFF	22	-	22	-	-	-
17.8.2017	PF	Scientific cultivation of Rice	1	OFF	21	-	21	-	-	-
21.8.2017	PF	Weed management in Rice	1	OFF	22	-	22	-	-	-

9.9.2017	PF	Seed production of Paddy	1	OFF	27	-	27	-	-	-
11.9.2017	PF	Disease and Pest management in Rice	1	OFF	26	-	26	-	-	-
16.9.2017	PF	Use of Biofertilizers in Field Pea	1	OFF	26	-	26	-	-	-
25.9.2017	PF	Disease and Pest management in Rice	1	OFF	26	-	26	-	-	-
14.10.2017	PF	Seed production of Chick Pea	1	OFF	25	2	27	2	-	2
15.10.2017	PF	Seed production of Lentil	1	OFF	26	-	26	2	-	2
8.11.2017	PF	Seed production of Lentil	1	OFF	23	-	23	-	-	-
15.11.2017	PF	Scientific cultivation of Mustard	1	OFF	22	-	22	-	-	-
17.11.2017	PF	Seed production of Wheat	1	OFF	24	-	24	-	-	-
15.12.2017	PF	Wheat sowing with ZT Dril	1	OFF	24	-	24	-	-	-
16.12.2017	PF	Seed production Wheat	1	OFF	21	-	21	-	-	-
18.12.2017	PF	Weed management in Wheat	1	OFF	21	-	21	-	-	-
20.12.2017	PF	Seed production of Chickpea	1	OFF	22	-	22	-	-	-
8.1.2018	PF	Scientific cultivation of Wheat	1	OFF	23	-	23	-	-	-
16.1.2018	PF	Seed production of Chickpea	1	OFF	24	-	24	-	-	1
29.1.2018	PF	Scientific cultivation of Spring Maize	1	OFF	22	-	22	-	-	-
6.2.2018	PF	Importance and use of Decomposer	1	OFF	21	-	21	-	-	-
10.2.2018	PF	Seed production of Wheat	1	OFF	24	-	24	2	-	2
24.2.2018	PF	Seed production of Lentil	1	OFF	21	-	21	-	-	-
7.3.2018	PF	Pest management in Chickpea	1	OFF	22	-	22	1	-	1
8.3.2018	PF	Seed Production of Wheat	1	OFF	-	25	25	-	25	25
10.3.2018	PF	Seed production technique in Chickpea	1	OFF	21	-	21	-	-	-
15.3.2018	PF	Seed production technique in Rice	1	OFF	32	-	32	-	-	-
16.3.2018	PF	Seed production technique in Wheat	1	OFF	35	-	35	-	-	-
17.3.2018	PF	Handling of Quality Seed (Threshing, Packaging and Storing)	1	OFF	26	-	26	-	-	-
Ag. Extension										
6.4.2017	PF	Importance & Method of Soil Testing	1	OFF	21	-	21	-	-	-
8.4.2017	PF	Importance of Seed treatment & line sowing in Rabi	1	OFF	22	-	22	-	-	-
19.4.2017	PF	Importance & Method of Soil Resting	1	OFF	22	-	22	1	-	1
20.4.2017	PF	Importance of Micro Irrigation system for Crop Production	1	OFF	21	-	21	-	-	-
5.5.2017	PF	Use of green Mannuring for better crop	1	OFF	37	3	40	2	-	2
6.5.2017	PF	Use of green Mannuring for better crop	1	OFF	33	2	35	-	-	-
22.5.2017	PF	R.C.T. in Kharif Paddy	1	OFF	42	2	44	2	-	2
23.5.2017	PF	R.C.T. in Kharif Paddy	1	OFF	38	-	38	-	-	-
5-6.6.2017	PF	Importance & Method of Soil & Seed treatment	2	OFF	26	-	26	-	-	-

12.6.2017	PF	R.C.T. in Kharif Paddy	1	OFF	26	-	26	5	-	5
15.6.2017	PF	R.C.T. in Kharif Paddy	1	OFF	23	2	25	-	-	-
24.6.2017	PF	Benefits of D.S.R. for small farmers	1	OFF	22	-	22	-	-	-
28.6.2017	PF	Benefits of D.S.R. for small farmers	1	OFF	21	-	21	-	-	-
3-4.7.2017	PF	S.R.I. Technology & its benefits for SHGs	2	OFF	24	-	24	2	-	2
15.7.2017	PF	Benefits of SRI for Landler labour & small farmers	1	OFF	22	-	22	-	-	-
20.7.2017	PF	Benefits of SRI for Landler labour & small farmers	1	OFF	23	-	23	-	-	-
28.7.2017	PF	Benefits of SRI for Landler labour & small farmers	1	OFF	23	-	23	-	-	-
9.9.2017	PF	Formulation & its benefits of SHGs	1	OFF	27	-	27	-	-	-
11.9.2017	PF	Vegetable Marketing through SHGs	1	OFF	26	-	26	-	-	-
16.9.2017	PF	How SHGs help farmers to inhance Income	1	OFF	26	-	26	-	-	-
17.9.2017	PF	Importance of Seed Treatment & RCT Rabi Crops	1	ON	26	-	26	-	-	-
16.10.2017	PF	Importance of Seed Treatment & RCT Rabi Crops	1	OFF	25	-	25	-	-	-
17.10.2017	PF	Importance of Seed Treatment & RCT Rabi Crops	1	OFF	23	-	23	-	-	-
18.10.2017	PF	Importance of Seed Treatment & RCT Rabi Crops	1	OFF	24	-	24	-	-	-
15.12.2017	PF	Formulation of SGH by small farmers	1	OFF	21	-	21	-	-	-
16.12.2017	PF	Benefits of RCT through SHG for stem management	1	OFF	22	-	22	-	-	-
18.12.2017	PF	Formation of SHG for Seed Production	1	OFF	23	-	23	-	-	-
28.12.2017	PF	Inperlamie of Agri Equipment Bank for Strum Management	1	OFF	22	-	22	-	-	-
4.1.2018	PF	Benefits of RCT through SHG for stem management	1	OFF	22	-	22	-	-	-
8.1.2018	PF	Benefits of RCT through SHG for stem management	1	OFF	23	-	23	-	-	-
29.1.2018	PF	Formation of SHG for seed Production	1	OFF	22	-	22	-	-	-
6.2.2018	PF	Awareness of different Govt. Subsidies Schemes	1	OFF	22	-	22	-	-	-
8.3.2018	PF	Formation of Farm Science Club to overcome the challenge	1	OFF	-	25	25	-	-	-
15.3.2018	PF	Formation of Farm Science Club to overcome the challenge	1	ON	4	20	24	-	5	5
Plant Protection										
	PF	Insect and Pest Control in Vegetable	1	OFF	25	-	25	-	-	-
	PF	Collection of NEERA	1	ON	22	-	22	115	-	115
	EF	Importance of shorted seaman & data compitation through ODK	1	ON	29	-	29	-	-	-

	PF	Fodder Production	2	ON	41	-	41	-	-	-
	PF	Fodder Production	2	ON	23	14	37	-	-	-
	PF	Insect control in Fodder crop	2	ON	40	-	40	-	-	-
	PF	Fodder Production	2	ON	40	-	40	-	-	-
	PF	Fodder Production in Summer	2	ON	41	-	41	-	-	1
	PF	IPM in Vegetable	2	ON	40	-	40	-	-	-
	PF	Portentous Fodder	2	ON	40	-	40	-	-	-
	PF	IPM in Vegetable	2	ON	26	-	26	-	-	-
	PF	Insect & Pest Control in Vegetable	2	ON	43	-	43	-	-	-
	PF	Micronutrient Boron use in Fodder	2	ON	14	26	40	1	9	10
	PF	Micronutrient Boron use in Fodder	2	ON	17	21	38	-	-	-
	EF	Training on Community Nursery	1	OFF	2	12	14	-	-	-
	EF	Training on Community Nursery	1	OFF	-	8	8	-	-	-
	PF	Insect & Pest Control in Fodder Crops	2	ON	35	-	35	1	-	1
	PF	Disease control in Fodder Crops	2	ON	40	-	40	2	-	2
	PF	Fodder Production in Summer	2	ON	28	-	28	-	-	-
	PF	Insect and Past control in Paddy	2	ON	40	-	40	-	-	-
	PF	IPM in Paddy	2	ON	37	3	40	-	-	-
	EF	Weed Control in Rice	1	ON	47	3	50	-	-	-
	PF	Role of IPM in Paddy Production	2	ON	58	-	58	2	-	2
	PF	Role of IPM in Paddy Production	2	ON	54	-	54	1	-	1
	EF	IPM in Paddy	1	ON	27	2	29	-	-	-
	PF	Vermi Compost & Organic Farming	5	ON	18	7	25	2	-	2
	PF	Insect & Pest control in Fodder	5	ON	18	7	25	2	-	2
	PF	Insect & Pest Control in Vegetable	5	ON	18	7	25	2	-	2
	PF	Insect & Pest Control in Paddy	1	OFF	26	-	26	-	-	-
	PF	Insect & Pest Control in Vegetable	2	ON	30	8	38	-	-	-
	PF	IPM in Lentil & Gram	1	ON	19	-	19	3	-	3
	PF	ZT Wheat Sowing	1	OFF	173	18	191	55	13	68
	PF	Cultivation Process of Gram & Lentil	1	OFF	196	16	212	37	11	48
	PF	ZT Wheat Sowing	1	OFF	60	12	72	18	9	27
	PF	Control of disease in Paddy	1	OFF	158	6	164	16	3	19
	PF	Wilt control in Lentil	1	OFF	24	-	24	-	-	-
	PF	Weed control in Lentil	1	OFF	31	-	31	-	-	-
	PF	Wilt control in Lentil	1	OFF	12	-	12	-	-	-
	PF	Seed production of Gram	1	OFF	18	-	18	-	-	-
	RY	Training on capsity Building	10	ON	27	7	34	-	-	-
	PF	Insect & Pest control in Mustard	1	OFF	13	-	13	-	-	-
	PF	Insect & Pest control in Mustard	1	OFF	25	-	25	4	-	4
	PF	Insect & Pest control in Mustard	1	OFF	31	-	31	-	-	-
	PF	Use of Micronutrient in Gram	1	OFF	28	-	28	-	-	-
	RY	Capasity Building & Ceadership	10	ON	43	-	43	3	1	4
	PF	Insect & Pest control in Mustard	1	OFF	18	-	18	-	-	-
	PF	Insect & Pest control in Mustard	1	OFF	22	-	22	2	-	2
	PF	Weed control in Wheat	1	OFF	23	-	23	1	-	1
	PF	Insect & Pest control in Fodder crops	1	OFF	19	1	20	14	-	14

	PF	Use of Micronutrient in seed Production	1	OFF	22	-	22	1	-	1
	PF	Quality Fodder Production	1	ON	23	14	37	-	2	2
	PF	Insect & Pest control in Fodder	2	ON	10	18	28	7	4	11
	PF	Insect & Pest control in Vegetable	2	ON	-	27	27	-	12	12
	PF	Training on Beekeeping	7	ON	30	-	30	6	1	7
	PF	Insect & Pest control in Vegetable	4	ON	34	-	34	5	-	5
	PF	Vermi Compost Production	1	OFF	22	-	22	-	8	8
	PF	Quality Fodder Production	2	ON	14	19	33	-	6	6
	PF	Disease control in Mshroom	2	ON	21	-	21	3	6	9
	PF	Training on Seed Production & Certification	1	ON	64	-	64	8	-	8
	PF	Training on Seed Production & Certification	1	OFF	54	-	54	4	-	4
	PF	Training on Fodder Production	1	ON	42	-	42	-	-	-
	PF	Training on Fodder Production	1	ON	35	-	35	5	-	5
	PF	Training on Fodder Production	1	ON	40	-	40	-	-	-
	RY	TOT on DSR & Community Nurssery	1	ON	24	-	24	1	-	1
	RY	TOT on DSR & Community Nurssery	1	ON	18	-	18	23	-	23
	RY	House Hold Technique Suevey	1	ON	14	1	15	2	-	2

H) Vocational training programmes for Rural Youth

Details of 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	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
					PF/RY/EF		Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.																	
2.																	
3.																	
4																	

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										
Kisan Mela										
Kisan Ghosthi										
Exhibition										
Film Show										
Method Demonstrations										
Farmers Seminar										
Workshop										
Group meetings										
Lectures delivered as resource persons										
Advisory Services										
Scientific visit to farmers field										
Farmers visit to KVK										
Diagnostic visits										
Exposure visits	-									
Ex-trainees Sammelan										
Soil health Camp										
Animal Health Camp										
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)										
1 ICAR Foundation Day										
2.World Food Day										
3.Urja Diwash										
4.Parthenium Week										
5.Swachchhata Pakhawara										
6.World Soil Health Day										
7. Kishan Diwash										
Any Other (Specify)										
Total										

B. Other Extension activities

Nature of Extension Activity	No. of activities

Newspaper coverage	
Radio talks	
TV talks	
Popular articles	
Extension Literature	
Other, if any Phone in live (Hindi Daily Dainik Jagaran)	

3.5 Production and supply of Technological products

Village seed

Crop	Variety (Area in ha)	Quantity of seed (q)	Value (Rs)	Provided tonumber of farmers
Total				

KVK farm

Crop	variety	Quantity of seed (q)	Value (Rs)	Provided tonumber of farmers

	Grand Total			

Production of planting materials by the KVKs:-(In PPP Mode)

Crop	Variety	No. of planting materials	Value (Rs)	Provided tonumber of farmers
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others				
Fruits				
Mango				
Guava				
Lime				
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

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers			
Bio-pesticide			
Bio-fungicide			
Bio Agents			
Others Vermi Compost*			
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)

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

Item	Title	Authors name	Number	Circulation
Popular Article	Dhaich Green Mannre Crop	Dr. P. K. Dwivedi	1000	1000
	Rice nursery management	-Do-	500	500
	Cultivation of Gram	-Do-	500	500
	Cultivation of Lentil	-Do-	500	500
	Cultivation of Mustard	-Do-	500	500
	Scientific Cultivation of Brinjal	Sri Nilesh Kumar	50	50
	Scientific Gwava Cultivation	-Do-	100	100
	Cultivation of Early Cauliflower	-Do-	50	50
	Package & Practice of Green Chilli	-Do-	50	50
	Deficiency of Iodine Problem & Solution	Smt. Supriya Verma	50	50
	Nutrient for Pregnant Mother	-Do-	100	100

	Dhan Ki Unnat Kheti	Sri S. B. K. Shashi	150	150
	Weed Control in DSR	-Do-	100	100
	Importance of IPM in Paddy Cultivation	-Do-	150	150
	IDM in Paddy	-Do-	50	50
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 course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Zonal Workshop	Annual Workshop	Dr P K Dwivedi, PC, KVK, Bhojpur	03.05.2016 (One day)	ATARI, Kolkata
2.	Data Analysis in Agriculture	Statistical method of Data Analysis in Agriculture	Dr Anil Kr. Yadav , SMS(PBG)	30/08-3/09.2016 (Five day)	BAU, Sabour, Bhagalpur
3	CSISA Phase-III Meeting	Formulation of new Research Projects.	Dr P K Dwivedi, PC, KVK, Bhojpur	06.09.2016 (One day)	CSISA, Bihar & UP Hub
4	Summer School	New Age Extension strategy for communication proficiency	Dr Sachidanand Singh, SMS(Agri. Extension) Dr Anil Kr. Yadav , SMS(PBG)	07/09-27/09.2016	Bidhan Chandra Krishi Vishaevidyala, Kalyani
5	CSISA Phase-III Meeting	Formulation of new Research Projects.	Dr P K Dwivedi, PC, KVK, Bhojpur	2-3.10.2016 (Two day)	CSISA, Bihar & UP Hub
6	CFLD & Seed Hub Review Meeting	CFLD & Seed Hub Review Meeting	Dr P K Dwivedi, PC, KVK, Bhojpur	21.12.2016 (One day)	ATARI, Kolkata
7	CFLD & Seed Hub Review Meeting	CFLD & Seed Hub Review Meeting	Mr. SBK Shashi, SMS (PP)	22.12.2016 (One day)	IIPR, Kanpur
8	Horticulture Meeting	Stake Holders consultation Meeting	Dr Sachidanand Singh, SMS(Agri. Extension)	07.01.2017 (One day)	Department of Agriculture, Govt, of Bihar
9.	Skill Development meeting	Preparation of Skill Development Module	Dr P K Dwivedi, PC, KVK, Bhojpur	24.01.2017 (One day)	Department of Agriculture, Govt, of Bihar
10	Kishan Mela	New Horticultural Crop developments	Dr Sachidanand Singh, SMS(Agri. Extension) Dr Anil Kr. Yadav , SMS(PBG)	24.01.2017 (One day)	IIVR, Varanasi
11	Survey Method	Monitoring Learning and Evaluation Programme	Mr. SBK Shashi, SMS (PP)	27/03-29/03..2017 (Three day)	CSISA, Bihar & UP Hub

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

Success Story:-1. Integration of Farmers group for Pulses Seed Production

Praveen Kumar Singh

Village: -Hematpur

Block:-Ara, Bhojpur

Profile

Age - 34 years
Education - Matriculate
Holding - 8 ha
Farming Experience – 12 years
Enterprises - Rice / Wheat / Maize / Lentil / Gram / Pea
Diary Animal

Discreption of Innovetion

Mr. Pravin Kumar Singh with co-villegers of Hematpur and adjoining areas were traditionally growing Maize and Paddy during Kharif. At times due to flood, there was no yield in Kharif season . Thus, Kharif crops are as good as gamble in this northern part of Ara Block.

During 2010- 11 under " **Technology Demonstration for Harnessing Pulses Production**" programme, KVK, SCADA, Bhojpur has taken initiation for Lentil Demonstration with a very promising variety HUL-57. Due to harse weather conditions, the crop seems to be failure even up to the last week of January 2011.

Poor Crop Stand during January

With application of 20 Kg Urea/ha. followed by foliar spray of water has change the entire scene. During visit of Honorable ZPD, Zone II, farmers shared their reaction regarding the luxurient growth of the crop. For their surprise, the Lentil yield was 12-16 qt./ha. with all odds. There was strong demand for this cultivars and shared by adjoing farmers like hot cake.

The farmer's reaction had given an idea to Mr. Singh that Pulses seed production may be a profitable avenue. He organized a meeting and after detailed discussion, an Association of seed producer was formed. He approached KVK, for further technological help. Training was organized by KVK and for marketing the group was attached with Bihar Rajya Beej Nigam (BRBN). Last year Mr. Singh and his associates (18 farmers) has produced 375 qt. Lentil and 237 qt. Gram seeds with a gross turnover of Rs. 22 Lakh.

This year this innovation of Mr. Singh has motivated a large numbers of farmers and in an area of 352.0 ha. Mr. Singh and Associates (177 farmers) are producing Pulses seeds which is largest in Bihar under a single District.

Summary of Pulses seed Production Programme 2012-13 (Ara, Bhojpur)

Sl No	Crop	Area (ha.)	No of Village	No of Farmer
1	Gram	175.0	14	175
2	Lentil	177.0	10	177
	Total	**352.0**	**Both the crops in14 village**	**Both the crops by same group of farmers 177**

Gram Seed Production

Sl. No.	Name of crop	Cultivars	Name of Village	Area (in ha.)	No. of Producer
1	Gram	P – 256	Hematpur	33.2	33
2			Mainpura	1.0	1
3			Singhitala	2.0	2
4			Karara	2.0	2
			Total	**38.2**	**38**

5		G LG– 4	Hematpur	5.2	8
6			Mainpura	2.0	2
7			Shukalpura	1.0	2
8			Purushottampur	1.0	1
9			Karara	1.0	1
10			Badheya	1.0	1
11			Dharampura	1.0	1
			Total	**12.2**	**16**
12		Baibhav	Hematpur	26.0	24
13			Baghipaakar	3.0	3
14			Mainpura	4.0	5
15			Shukalpura	20.2	21
16			Singhipakar	4.5	4
17			Agarsanda	11.0	14
18			Purusottampur	15.9	8
19			Tenuan	5.5	8
20			Mahuli	25.0	24
21			Karara	6.5	7
22			Dariyapur	1.0	1
23			Dharampura	2.0	2
			Total	**124.6**	**121**

Lentil Seed Production

Sl. No.	Name of crop	Cultivars	Name of Village	Area (in ha.)	No. of Producer
1	Lentil	HUL – 57	Mahuli	8.3	10
2			Hematpur	26.3	36
3			Singhitala	1.6	2
			Total	**36.2**	**48**
4		K – 75	Mahuli	20.6	19
5			Hematpur	69.1	69
6			Karara	1.2	1
7			Khushihalpur	1.0	1
8			Agarsanda	15.2	14
9			Purusottampur	17.1	3
10			Singhitalla	2.4	3
			Total	**126.6**	**110**
11		KLS – 218	Hematpur	3.5	4
12			Baghipaakar	2.3	3
13			Agarsanda	2.3	3
14			Purusottampur	2.3	3
15			Dharampura	1.3	2
16			Dhobahaa	2.5	4
			Total	**14.2**	**19**

The average Seed productivity of Lentil was in between 15-20 Qt/ha, whereas, the Gram was comparatively a bit lower i.e. 13-15Qt/ha.

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

KVK Bhojpur is inviting the successful farmers in field of crop production, post-harvest technology or in seed production technology during training programme regularly. This has resulted in creating positive environment in respect of particular technology to be transferred during course of training Programme. After completing the training programme farmers are visiting the fields & realizing the facts and results and it has resulted in higher percentage of adoption. The good examples are village **seed production programme** and for **RCT, ZT techniques adoption** in Bhojpur as well as organic farming.

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
1	Orchard	High bunds with outer ditches with outer deep ditches & bunds saturated with optima slip	To keep away blue bulls
2	Dairy Cattle	Application of Calotropis latex on pricked thom on affected area of body part	Removal of thoms
3	Dairy Cattle	Feeding of cooked rice with bamboo green leaf	Removal of placenta
4	Rice grain storage	Putting lump off common self in a cotton cloth is planked in rice bin	To keep away rice insects
5	Vegetable / Cereals / Pulses	Spray of Horse / Donkey / Blue bull dung in water	To keeping blue bulls
6	Grain Storage	Use of 8-10 Match Boxes in One quintal jut bag with grain	To protect grain from store pest

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

Identification of course for:-

Farmers/farm women- PRA survey bench mark survey, group discussion

Problem cause diagram

Feedback from District Agriculture Offices and NGO

Specific technology from Agriculture University

Base on all above mentioned technology final training programme are being formulated on the principal "work experience." The training courses are thus tailored.

Rural Youth- Based on the tools used for farmers more Professional course is being identified. These courses are formulated primarily based on the local need and marketing perspective for encouragement of the new entrepreneur.

In-service personnel- As there are a good linkage between KVK and District Agriculture Department, proper feedback is being received. Based on that, the courses had been identified. Even under specific situation as desired by Directorate of Agriculture and local District level officials, there are provisions to reschedule the courses. Therefore the main objective of technology diffusion on wider and larger scale may have a smoother path way in the operational area of KVK.

3.11. a. Details of equipment available in Soiland Water Testing Laboratory

Year of establishment : 2007

Sl. No	Name of the Equipment	Qty.
1	**Equipment**	
	Spectro photometer	2
	Flame Photometer	1
	PH Meter Digital	1
	Digital Balance	1
	Distillation Apparatus S.S. Table pattern	1
	Hot Air Oven	1

	Hot Plate ISO 9001	1
	ISO 9001 Laboratory Mill	1
	Voltage Stabilizer	1
	Rotary Shaker Motor	1
	Digital Conductivity Meter	1
	Physical Balance	1
	Total	13
	Glass ware	
	Plastic Ware	

3.11.b. Details of samples analyzed so far
:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Total				

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

3.13 Technology week celebration:-14 to 19 December, 2016

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Farmers and Farm Women Training	11	300	Safe Grain Storage, Seed Treatment, INMS
Extension Person Training	1	52	SWI Technology for Wheat sowing
Kishan Mela	1	1256	Agricultural Mechanization
Kishan Goshthi	6	1024	INMS, IPM, RCT, Seed Production Technology and Orchard Management
Diagnostic	1	27	ZT Drill Wheat

3.14. RAWE programme - is KVK involved? YES

No of student/ARS trained	No of days stayed
8 (Eight) RAWE Students	139 days

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

Date	Name of the person	Purpose of visit
18.07.2016	Mr.Himank Sharma. Consultant, NITI Aayog, GOVT. OF INDIA	Review of Pulses Prospects in Central Bihar
18.10.2016	Dr R K Mallick, In-charge, CSISA State Hub, Bihar &UP	CSISA & KVK Collaborative OFT visit in ZT Wheat Field
19.12.2016	Dr Virendra Kr. Singh, Director,Directorate of Rice	CFLD and Seed Hub Field inspection.

	Research,Patna	
18.03.2017	Sri Sanjay Tiger, Ex MLA, Agiyawn	Inauguration of Rural Youth Training Programme
26.03.2017	Sri R K Singh,MP,Bhojpur,Ara	Inauguration of Organic Farming Training

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)
Use of higher dose of K in Paddy	4000	153.85	155000/Acre	18500/Acre
Cultivation of marigold	235	75%	-	16,000/Acre
Potato seed production	85	60%	22,000/Acre	29,000/Acre
BHP control in paddy	1240	85%	15,200/Acre	19,900/Acre
Use of boron in wheat	1500	70%	17000/Acre	20,000/Acre
Scientific cultivation of lentil	2000	75%	4200/Acre	7200/Acre
Chemical weed control in paddy	5900	268.19%	14400/Acre	17600/Acre
Production of paddy c.v. R Sweta	85	95%	16500/Acre	19100/Acre
Scientific Seed Production of Wheat	510	90%	14750/Acre	18650/Acre
Commercial Vermi Compost production	2800	80%	00	1800- 1900 /Person/months
Scientific Seed Production of Lentil	670	55%	15500/Acre	19600/Acre
Scientific Seed Production of Gram	150	40%	13900/Acre	18600/Acre
RCT with ZT Drills	6500	95%	16500/Acre	20500/Acre

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
Seed Production of Paddy c.v. R. Sweta	50 ha
Seed Production of BPT 5204	20 ha
Seed Production of Lentil c.v HUL -57	700ha
Seed Production of Lentil c.v K-75	40 ha
Seed Production of Gram c.v GLG-4	60 ha
Seed Production of Potato	5 ha
Seed Production of Sugar Cane	5 ha

Seed Production of Wheat	150 ha
IPM in Paddy	6500 ha
Chemical weed control in Paddy nursery	400 ha
Chemical weed control in Paddy	24000ha
Chemical weed control in Wheat	14000ha
Wilt control in Lentil & Gram	2500 ha
Use of Bio fertilizers	500 ha
Commercial cultivation of Mentha in summer fallow	90 ha
Scientific Cultivation of Vegetable Pea	500 ha
Scientific Cultivation of Vegetable Potato	120 ha
Use of ZT Drills	36500 ha

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	

4.5Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Intervention of KVK with quantitative data support:	
Time line of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

1. Rice Mill at Srirampur, Udwantnagar Block .and Devchanda, Piro Block
2. Honey Production at Koelwar
3. High tech High value Vegetable Unit at Chatar. Barhara Block

4. Medicinal Plant Extraction unit at Birampur, Koelwar Block
5. Medicinal Plant Extraction unit at Yadopur, Bihiya Block
6. High tech High value Gerbera Flower producing Unit at Muhamadpur. Koelwar Block
7. Commercial Vermicompost Unit at Jagdishpur
8. Beauty Parlour in Ara (Three Units)

All relevant Information is under Compilation process

4.6Any other initiative taken by the KVK

I. IARI Postal linkage Programme(New Delhi) in Eight Village

II. IARI (Pusa, Samastipur) supported Wheat varietal screening at KVK, Farm and also in farmer's field

II. CSISA, Bihar Hub supported RCT technology evaluation under OFT Programme Six in number.

III. With due support of ATMA, Bhojpur, A new Generator (45 HP) had been establishment.

Amount sanctioned Rs, 3.50 Lakh.

5.0 LINKAGES

Sl.No.	Name of Organization		Nature of Linkage
1.	BAU, Sabour, Bhagalpur	1	Exchange of Technology
		2	SAC Meeting
		3	Training programmes and demonstration
		4	Extension & Research work
2	DrRPCAU, Pusa, Samastipur	1	Exchange of Technology
		2	Guest Faculty
		3	Soil Testing
		4	Extension & Research work
3	IARI, Regional Station, Pusa, Samastipur	1	Exchange of Technology
		2	Demonstration
		3	Seed Production Programme
4.	RCER, ICAR, B.V.C. Campus, Patna	1	Exchange of Technology
		2	Guest Faculty
		3	Training programmes and demonstration
5.	CSISA, Bihar Chapter	1	Exchange of Technical information
		2	Extension & Research work
6	ATMA	1	Training programmes and demonstration
		2	Organizing Farm School
		3	Infrastructural development
		4	Joint diagnostic survey
		5	SAC Meeting.
		6	Development of literature
7	District Agri. Department, Bhojpur	1	Extension & Research work
		2	Training programmes and demonstration
		3	SAC Meeting.
8	Dist Horticulture office, Bhojpur	1	Training programmes and demonstration
		2	SAC Meeting.
9	Dist. Animal Husbandry Department.	1	Exchange of Technical information
		2	SAC Meeting.
10	Dist. Fishery Department Bhojpur.	1	Technical Information.

		2	SAC Meeting.
11	Assit. Director Sugar Cane, Office, Bhojpur	1	Technical Information.
		2	SAC Meeting.
12	Junior Plant Protection, Office, Bhojpur	1	Technical Information.
		2	SAC Meeting.
13	Dist. Forest Department Bhojpur.	1	Technical Information.
		2	SAC Meeting.
14	DIC (Dist. Industrial Center), Bhojpur	1	SAC Meeting
		2	Exchange of Technical Information.
15	District Administration Bhojpur.	1	Exchange of Technical Information.
		2	Training programmes and demonstration.
		3	For infrastructural development
16	NABARD, Bhojpur	1	Extension & Technical information
17	Faculty of Agriculture for BHU, Varanasi	1	Exchange of Technical information
18	ARI, RAU, Mithapur, Patna	1	Extension & Research work
		2	Soil Testing
19	IIVR, Varanasi	1	Exchange of Technical information
		2	Seed Production Programme
20	NHRDF, Patna	1	Exchange of Technical information
21	IFFCO, KRIBHCO, NFL, RCF	1	Training programmes and demonstration
22	NGOs	1	Training programmes and demonstrations.
23	D.D. Patna, AIR, Patna , E. TV Bihar	1	Extension activities to PF , RY & EF
24	Hindi Daily News papers	1	Extension activities to PF , RY & EF

5.2. List of special programmes undertaken during 2016-17by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development:-NA

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.)
Farmers School	Training & Demonstration of RCT & Pulses Seed Production Technology	November,2016	ATMA, Bhojpur	411600.00

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.									

2.									
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	
Paddy	Seedling 7.6.16 Transplanting 4.7.16	25.11.16	0.80	MTU - 7029	F/S	54.0		@1200/qt. for raw seed having total quantity24 5.65 Qt. @ Rs. 1200 = Rs.294780 /-	Heavy rain during flowering caused heavy loss in
	Transplanting 11 to 12.7.16	20.11.16	0.80	BPT - 5204	F/S	48.65			Unharvested& also poor yield
	Transplanting 17.7.16	10.211.16	0.50	R Sweta	F/S	26.0			Due to water logging about 2.0 ha. pre mature crop,
	Transplanting 18 to 19.7.13	15.11.13	1.84	R. Sweta	C/S	27.0			
	Seedling 21.6.16 Transplanting 21.7.16	10.11.16	0.40	R. Kasturi	F/S	5.5			Due to Water logging

Non Seed – 84.50
Labour share – 24.60
Total 270.25 – 24.60 = 245.65

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):-NA

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.							

6.5 Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2016	18	18x10=180	
July 2016	35	35x10=350	
August 2016	29	29x10=290	
August 2016	59	59x3=177	
September 2016	70	70x2=140	
January 2016	26	26x8=208	
January 2016	26	26x6=156	
January 2016	26	26x4=104	
January 2016	35	35x2=70	
February 2016	26	26x7=182	
February 2016	26	26x9=234	
February 2016	26	26x11=286	
February 2016	35	35x13=455	
March 2016	40	40x5=200	
March 2016	59	59x3=177	
March 2016	40	40x5=200	
Total :	576	3409	

(For whole of the year)

6.6 Utilization of staff quarters

Whether staff quarters has been completed:
No. of staffquarters:4
Date of completion: -2004
Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
Sri Sunil Kumar, Farm Manager June 2005, Q III						
Smt. Supriya Verma, SMS (Home Sc.) June 2005, Q II to December 2015						
Sri Mahabir Ram, Driver, Dec. 2009 Q I						
Smt. Baby Kumari Supporting Staff Grade II July 2009, Q IV						

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	Bank of India	Patna ,Sone Bhawan	441010200013383 (IFSC Code-BKID0004410)
KVK Main Account	Bank of Baroda	Branch Katira, Arrah	12040100010247
Revolving fund A/c	Bank of Baroda	Branch Katira, Arrah	12040100012131
Seed Hub Account	Bank of Baroda	Branch Katira, Arrah	12040100014114

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

Item	Released by ICAR		Expenditure		Unspent balance as on -1st April 2017
	Kharif	Rabi	Kharif	Rabi	
,Rapeseed & Mustard	-	90000.00	-	90100.00	-100.00
	-	90000.00	-	90100.00	-100.00

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2017
	Kharif	Rabi	Kharif	Rabi	
Lentil	-	450000.00	-	450225.00	-225.00
Chickpea	-	225000.00	-	225000.00	0.00
Field pea	-	150000.00	-	150025.00	-25.00
Total		825000.00		825250.00	-250.00

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2016
	Kharif	Rabi	Kharif	Rabi	
TOTAL					

7.5 Utilization of KVK funds during the year 2016-17(Not audited)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	9555000.00	9555000.00	9593668.00
2	Traveling allowances	150000.00	150000.00	149710.00
3	HRD	50000.00	50000.00	45644.00
4	Contingencies	1300000.00		1298635.00
A	Stationery & other office running			
B	Advertisement	1600000.00	1600000.00	
C	Legal & Audit Fee			
D				29000.00
E	Computer Repair			29950.00
F	Electricity & Fitting charge			20250.00

G	Staff Uniform			6114.00
H	Telephone & Inter Net Charge			23942.00
I	Stationary			77871.00
J	Advertisement			12800.00
K	Independent & Republic Day Celebration			19410.00
L	Contractual staff			112000.00
M	Special Programme(Swachchhata programme)			20500.00
Other Office Maintenances(Soil Lab Expenditure)				165352.00
	Total			**517189.00**
POL				**125500.00**
	Total A+B			
PF Training (meals & Training Materials				84900.00
Rural Youth Training				127125.00
Extension Fun.				68950.00
Training Materials				77875.00
Total Training Exp				**358850.00**
FLD				239550.00
OFT				119250.00
Total Demo Exp				**358800.00**
Building Mai,				199540.00
	Total Contingency Exp.			**1559879.00**
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)		200000.00	200000.00	0.00
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		11555000.00	11555000.00	

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)
2013-14	122939.85	794137.00	913874.00	3202.85
2014-15	3202.85	1127246.00	1059771.00	67474.00
2015-16	67474.00	1133184.00	1094794.00	
2016-17				

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.

1. **Paddy Seed Producer Group-4** (Asani, Baulipur, Sandesh, Hematpur village)
2. **Wheat Seed Producer Group-5** (Asani, Baulipur, Sandesh, Hematpur, Agarsanda village)
3. **Lentil Seed Producer Group-12** (Hematpur, Purusottampur, Tenuan, Shukalpura, Mainpura, Baghipaakar, Singhipakar, Mahuli, Agarsanda, Karara, Dariyapur, Dharampuravillage)
4. **Gram Seed Producer Group-12** (Hematpur, Purusottampur, Tenuan, Shukalpura, Mainpura, Baghipaakar, Singhipakar, Mahuli, Agarsanda, Karara, Dariyapur, Dharampuravillage)

7.7 Details of marketing channels created for the SHGs:,-Under process,
With the help of NABARD Two Farmers Producer company is going to be formed

7.8. Special programme on Food and Nutrition : No such Programme.

7.9. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	Both
Programme Preparation	8	Kharif 2016	DAO Bhojpur	ATMA, Bhojpur	Both
Village Survey	6	Kharif 2016	DAO Bhojpur	ATMA, Bhojpur	Both
Joint Field Visite	22	Kharif &Rabi 2016	DAO ,DHO Bhojpur	ATMA, Bhojpur	Both
Training	39	Kharif &Rabi 2016	DAO ,DHO Bhojpur	ATMA, Bhojpur	Both
Kishan Mela	6	Kharif &Rabi 2016	DAO , DHO Bhojpur	ATMA, Bhojpur	Both

8. Other information

8.1. Prevalent diseases in Livestock/Crops/Fishery

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

8.2. Nehru Yuva Kendra(NYK) Training:-NA

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	

8.3. PPV & FR Sensitization training Programme:-During 2014-15 ,it was organised,

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
12.03.2015	1.DAO,Bhojpur 2.PD,ATMA,Bhojpur 3.Asst.Director,Hort.Bhojpur 4.SAO,Agriculture.Bhojpur 5.Sri Suresh Pd. Sr.	300	Indian Mustard Bread Wheat Barley Linseed Lentil	1 1 1 2 2

	Advocate, Ara Court 6.PC,KVK,SCADA,Bhojpur 7.SMS(PBG), KVK, SCADA, Bhojpur 8. SMS(PP), KVK, SCADA, Bhojpur		Chickpea Coriander Brinjal Maize Menthol Mint Mango Ber Field Pea Turmeric Garlic Bitter Gourd	2 2 1 1 1 2 1 1 2 3 1
				24

8.4. SMS PORTAL

Date of startof functioning of SMS portal

No. of messages	No. of calls	No. of farmers covered	Types of messages (No.)					
			Crop	Livestock	Weather	Marketing	Awareness	Other
24	Nil	1567	12	1	2	Nil	9	Nil

8.5 Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
16-30 October 2016	**1**.Awareness Camp in all Adopted Villages and distribution of Bleaching Powder and broom among Farmers 2.During Kishan Mela & Goshthi and Training to In Service and Farmers importance of Swachchha Bharat Programme was discussed. 3. In KVK Campus Swachchhata Abhiyan was organized.

8.6 Observation of National Science day:-

Date of Observation	Activities undertaken

8.7.Programme with Seema Suraksha Bal (BSF):-NA

Title of Programme	Date	No. of participants

8.8 Agriculture Knowledge in rural school:

Name and address of school	Date of visit to	Areas covered	Teaching aids used

	school		

8.9. Details of Kharif and Rabi Sammelan (Information should be provided in two separate tables – one for Kharif and another for Rabi Sammelan)

Kharif Sammelan

Name of the state	Name of district/KVK	Date on which conducted	Number of participants		Name of public representative	Details of Technology Demonstrated and other programmes organized
			Farmers	Others		
Bihar	Bhojpur District level	23-05-2016	-	316	Sri Anwar Alam, Ara MLA	DSR Paddy ,Green Manuring, INMS, Nursery management
	Ara Block	25.06.2017		56	-	DSR Paddy ,Green Manuring, INMS,

Rabi Sammelan

Name of the state	Name of district/KVK	Date on which conducted	Number of participants		Name of public representative	Details of Technology Demonstrated and other programmes organized
			Farmers	Others		
Bihar	Bhojpur District level	17.10.2016	-	336	Sri Anwar Alam, Ara MLA	ZT Wheat, Seed Production of Pulses, New vistas in Horticulture &IPM
	Ara Block	21.10.2016	500	45	Jila Parishad Member	ZT Wheat, Seed Production of Pulses, Weed Control
	Koelwar	21.10.2016	500	25	Block Pramukh	ZT Wheat, Seed Production of Pulses, Weed Control
	Barhara	21.06.2016	500	22	Sri Kishun Yadav MLA	ZT Wheat, Seed Production of Pulses, Weed Control

	Sahpur	22.06.2016	500	20	Sri Rahul Tiwari MLA	ZT Wheat, Seed Production of Pulses, Weed Control
	Sandesh	22.06.2016	500	22	Sri Arun Yadav MLA	ZT Wheat, Seed Production of Pulses, Weed Control
	Bihiya	22.06.2016	500	23	Sri Rahul Tiwari MLA	ZT Wheat, Seed Production of Pulses, Weed Control
	Sahar	27.10.2016	500	21	Sri Sudama Prasad MLA	ZT Wheat, Seed Production of Pulses, Weed Control
	Tarari	27.06.2016	500	13	Local Leader	ZT Wheat, Seed Production of Pulses, Weed Control
	Udwanrn agar	27.06.2016	500	18	Local Leader	ZT Wheat, Seed Production of Pulses, Weed Control
	Jagdishpu r	29.06.2016	500	24	Sri RamKishu n Lohiya MLA	ZT Wheat, Seed Production of Pulses, Weed Control
	Piro	29.06.2016	500	18	Local Leader	ZT Wheat, Seed Production of Pulses, Weed Control
	Charpokh ari	30.06.2016	500	19	Local Leader	ZT Wheat, Seed Production of Pulses, Weed Control
	Garhani	02.07.2016	500	22	Local Leader	ZT Wheat, Seed Production of Pulses, Weed Control
	Agiyawn	02.07.2016	500	12	Local Leader	ZT Wheat, Seed Production of Pulses, Weed Control

8.10. Details of Pradhan Mantri Fasal Bima Yojana programme organized

Name of the state	Name of district/ KVK	Date on which conducted	Number of participants		Name of public representative **	Details of awareness created and other programmes organized
			Farmers	Others		
Bihar	KVK, Bhojpur	04.04.2016	923	30	Due to Election of local bodies none of them participated	Programme started by ICAR Songs (1) Programme Inauguration by DDM, NABARD, Sri Sanjeev Sinha – Highlights of Prime Minister Crop Insurance. (2) LDM PNB Sri Vijay Kumar- role of bank to

						the crop insurance, (3) Sri Saket Kumar IFFCO (Tokio) explained the difference between new & old insurance policy. (4) Head KVK Dr P. K. Dwivedi Important points of Prime Minister Crop Insurance. With Crop diversification in Agriculture. (5) Sri Nilesh Kumar - explained the salient aspects of PMFBY (6)Dr Sachidanand Singh Role of S.H.G and farmers club in Agriculture. (7)Dr Anil Kumar Yadav-Seed Production of newly introduction Drought tolerance Variety , (8) Smt Supriya Verma-Pest Control in storage. Impartment person attendance (1) Sri Y P Singh State Marking Manager IFFCO ., Sri (2)Yogendra Singh board member of IFFCO. (2) Sri Shilajeet Singh Project Directoe ATMA Bhojpur. (3) Sri Amer Jeet Singh IFFCO.

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Name of State	Name of KVK	Date of PFBY Programme	Venue of the programme	Name of Hon'ble Me	Name of Ministers participated	Name of MLAs participated		Yes/ No for Participation	No. of Participants	No. of Organisations in Exhibition	Any Other information

		mme		mber of Parliament (Loka			Chairman Zila Panchayat	Distt. Collector	Bank Officials	Farmers	Govt, Bank Officials, PRI members etc		
Bihar	KVK,Bhojpur	04.04.2016	KVK Campus	Sri R K Singh- Not present	Due to Opening of Assembly none of agreed to participate	Due to Opening of Assembly none of agreed to participate	Due to Election of local bodies none of them participated	Engaged in Election of local bodies	DDM NABARD Sri Sanjeev Sinha & LDM, PNB Sri Vijay Kumar	523 Registred and appoximatly 400 non registerd	30 nos. including PD,& Dy.PD ATMA,Bhojpur,Addi.Director Hort. Bhojpur,BTM.ATM,Ag. Coordnator	20 no. of stalls	

8.11. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

8.12. 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	Personal contact by the Service			No Pending

	technology and technology products	Sectors with the responsible person of KVK/ATIC			

8.13. Community Radio Station

Date of establishment:

Amount of fund received yearwise :

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 • Agro-climatic 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/ 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)			
B.	Community development broadcasts Please specify the programmes like rural development, educational, health, environment, public service broadcasts, sports etc.			

8.14No. of Progressive/Innovative/Lead farmeridentified (category wise)

8.15 HRD programmes organized by the KVK

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme

8.16. Revenue generation:

SL.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Training &Demonstration	411600.00	ATMA, Bhojpur
2.			

8.17. Resource Generation:-No

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

8.18. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
28.08.2010	IMD,Patna,Bihar	Not functional

8.19. IPNI Trail (**Applicable for KVKs identified under IPNI trial):- No trial This Year**

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:- **NA**

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 2015-16:---------- lakh

10.PROGRESS REPORT OF NICRA KVK (Technology Demonstration component) 2015-16
(**Applicable for KVKs identified under NICRA) :- NA**

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):-NA.**

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	Kishan Bhushan	Sri Bhim Raj Roy	2007	Dept of Agriculture, Govt .of Bihar	Rs. 2 Lakh	Integrated farming
2	Kishan Shree	Sri Rajiv Kr Sinha	2007	Dept of Agriculture, Govt .of Bihar	Rs. 1 Lakh	Organic farming
3	Kishan Shree	Sri Narbdeshwar Shukla	2007	-Do-	-Do-	Vegetable
4	Kishan Shree	Sri Akhileshswar Pd Singh	2007	-Do-	Do	Integrated farming
5	Kishan Shree	Sri Binay Kr Singh	2007	-Do-	-Do-	Seed Production
6	Kishan Shree	Sri Awadhesh Tiwary	2007	-Do-	-Do-	Integrated farming
7	Kishan Shree	Sri Vimal Kumar Singh	2007	-Do-	-Do-	Integrated farming
8	Kishan Shree	Sri Sushil Kumar	2007	-Do-	-Do-	Banana cultivation
9	Kishan Shree	Sri Umeshchandra Pandey	2007	-Do-	-Do-	Agri-Entrepreneurs-hip
10	Kishan Shree	Sri Ravi Prakash Singh	2007	-Do-	-Do-	Integrated farming
11	Kishan Shree	Sri Amit Kumar	2007	-Do-	-Do-	Promotion of RCT
12	Kishan Shree	Sri Ramagya Tiwari	2007	-Do-	-Do-	Promotion of Organic farming
13	Kishan Shree	Sri Mithilesh Singh	2007	-Do-	-Do-	Commercial Vegetable Production
14	Kishan Shree	Sri Satyanarayan Roy	2007	-Do-	-Do-	Integrated farming
15	Udyan Pandit	Sri Kamlesh Chaubey	2008	-Do-	Only Certificate	Tuberose Cultivation

16	Jila Madhu Purashkar	Dr Brijendra Gupta	2013	Dept of Horticulture Govt.of Bihar	-Do-	Apiculture

13. Any significant achievement of the KVK with facts and figures as well as quality photograph

14. Any other programme organized by KVK not covered above

(**P. K. Dwivedi**)
Senior Scientist &Head
KVK.SCADA, Bhojpur, Ara