PROFORMA FOR ANNUAL REPORT 2012
(April 2011 to March 2012)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, Katihar	(06452) 246875		Kvk_katihar@yahoo.in

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

Address	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur			

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sunita Kushwah		9431417421	Kvk_katihar@yahoo.in

1.4. Year of sanction of KVK: 2004

1.5. Staff Position (as on 1st April, 2013)

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	Programme Coordinator	Dr. Sunita Kushwah	I/C, Programme Coordinator	Horticulture	156000-39000	13.08.07	Permanent	Others
2	Subject Matter Specialist	Smt. Basanti Kumari	SMS(H.Sc.)	Home Science	156000-39000	20.11.07	Permanent	SC
3	Subject Matter Specialist	Pankaj kumar	SMS (Extn.Edn.)	Extension Education	156000-39000	16.11.09	Permanent	OBC
4	Subject Matter Specialist							
5	Subject Matter Specialist							
6	Programme Assistant							
7	Computer Programmer							
8	Farm Manager							
9	Accountant / Superintendent	B.N. Mahto	Accountant / Superintendent		4500 Fixed	27.01.07	Contractual	BC
10	Stenographer	Rajeev Kumar	Stenographer		4500 Fixed	20.09.07	Contractual	BC
11	Driver	Dharmendra Kumar	Jeep (Driver)		4500 Fixed	11.04.05	Contractual	Other
12	Driver							
13	Supporting staff	Arun Mandal	Peon		3500 Fixed	01.07.05	Contractual	ST
14	Supporting staff							

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

S. No.	Item	Area (ha)
1	Under Buildings	2.00
2.	Under Demonstration Units	
3.	Under Crops	6.00
4.	Orchard/Agro-forestry	5.00
5.	Others	7.00
	Total	20.00

1.7. Infrastructure Development:

A) Buildings

S. No.	Name of building	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (Sq.m)	Source of funding
1.	Administrative Building	✓						
2.	Farmers Hostel					✓		ICAR
3.	Staff Quarters (6)	✓						ICAR
4.	Demonstration Units (2)					✓		ICAR
5	Fencing							ICAR
6	Rain Water harvesting structure							ICAR
7	Threshing floor					✓		ICAR
8	Farm godown					✓		ICAR
9.	Others							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero Jeep	2005	4.65	121698	Good
Tractor M.F	2005	5.00		Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status
Xerox Machine Canon	2006	1,00,000	Good
Camera (Digital)	2007	15,000	Good
TV with DVD	2007	15,000	Good
Generator Set	2009	49,500	Good
Computer with Accessories	2008	50000	Good
Digital Weighing machine	2011	19500	Good
PA System	2011	24679	Good
Projector with Accessories	2011	99800	Good

D) Farm Implements

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

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

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason

- **Salient recommendation of SAC in bullet form**

Attach a copy of SAC proceeding along with list of participants

2. DETAILS OF DISTRICT (2011-12) Source of information must be indicated

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

S. No	Farming system/enterprise
1.	Paddy-Wheat based farming system
2.	Paddy-Maize based farming system
3.	Paddy- Rai- Boropaddy based farming system
4.	Fish Culture
5.	Bamboo Production & Processing
6.	Mushroom Production
7.	Makhana Cultivation and primary processing
8.	Poultry production

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

S. No	Agro-climatic Zone	Characteristics
1.	Zone-II (North – East Alluvial Plain)	High Temperature High Humidity Sandy to clay soil, Flood prone

S. No	Agro ecological situation	Characteristics
1.	Up land sandy soil	Suitablefor maize, wheat, Banana, Vegetables & fruits
2.	Medium Sandy loam soil	Wheat, Maize, Jute, Rice, Oil seeds & pulses & vegetable & fruits cultivation

3.	Low lying clay soil with flood & water lodging condition	Suitable for deep water & Boro paddy, Makhana & Para Pulses
4.	Diara land of Kosi, Ganga and Mahananda with sandy to loamy soil	Rabi Maize, wheat oil seeds pulses & cucurbitaceous vegetable including parwal Flooded during Kharif Season

Source: - ATMA SREP

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Up land sandy soil	Suitable for vegetables wheat, maize, Banana	
2	Medium Loamy Soil	Well drained rich in organic carbon suited for wheat, Maize, oil seeds and pulses & vegetables	
3	Low lying clay soils	Suitable for makhana Boro Rice, fishery etc	
4	New alluvial diara land soil	Deposition of clay soil year after year good for rabi crops.	

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

S. No	Crop	Area (ha)	Production (q)	Productivity (q/ha)
1	Paddy	72000	1944000	27
2	Maize(rabi)	40000	2600000	65
3	Wheat	32000	992000	31
4	Arhar	100	800	8
5	Lentil	1000	7506	7.5
6	Urd	300	2700	9
7	Moong	600	6600	11
8	Mustard	5000	60000	12
9	Boro rice	35000	1015000	29

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April ,2011	0			
May, ,2011	0			
June ,2011	340.79			
July ,2011	319.05			
August,2011	232.54			
September,2011	229.54			
October ,2011	5.04			
November,,2011	2.89			
December,2011	00			
January,2012	10.22			
February,2012	0.0			
March,2012	0.0			

Source: - D.A.O Statistics and AWS

2.6. Production and productivity of livestock, poultry, fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred			
Indigenous	653928		
Buffalo	143636		
Sheep			

Crossbred			
Indigenous	3201		
Goats	455710		
Pigs			
Crossbred			
Indigenous			
Rabbits			
Poultry			
Hen	643867		
Desi			
Improved			
Duck			
Turkey and others			
Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.6 Details of operational area / villages (2012-13)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
	Katihar	Manihari	Kumaripur Miapur Sohardangi Borani	Banana Boro Paddy, Oil Seeds Maize	Lack of high yielding variety, pest & diseases control	Water lodging resistant tolent varieties of paddy
		Hasanganj	Rampur, Hasanganj	Wheat, Paddy , Maize, Vegetables	INM & IPM lacking	Introduction of high yielding varieties of ground crops
		Pranpur, Mansahi	Mahadeo Nagar Sangati Bari Marangi	Vegetables, Paddy, Maize, Jute, Boro Paddy	INM & IPM lacking	Introduction of newly released jute varieties

2.7 Priority thrust areas

S. No	Thrust area
1	Soil test based nutrition management in crop plants of the district
2	Development of Suitable cropping system for diara ,tal and alkaline land of the district
3	Implementation of women programmes in relation to food, nutrition and drudgery

3. TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
5	2			9	3		20

Training				Extension activities			
3				4			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
489	407	2506	2932				

Seed production

		Planting material (Nos.)	
5		6	
Target	Achievement (q)	Target	Achievement
100 qt Wheat	150 qts wheat		
100 qt Paddy	85 Qts. Paddy		

3.1 Achievements on technologies assessed and refined

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

Title of OFT: Assessemt of seedling Age of SRI in Comparion than traditional age of seeding.

Problem definition: Farmer's unawareness about age of seedling

Details of Technologies selected for assessed/ refinement :
$TO._1$ = Farmers practices 29* days seeding
$TO._2$ = SRI - 16 days seeding
$TO._3$ = SRI - 12 days seeding
$TO._4$ = SRI - 8 days seeding

Source of technology:

Production system and thematic area

Newly recommended SRI technology

Performance of the technology wth performance Indicators:

Fertilizers doses	Yield (q/ha)	Net Return Rs./h
$TO._1$ = Farmers practices 29* days seeding	28.9	19010
$TO._2$ = SRI - 16 days seeding	31.0	20900
$TO._3$ = SRI - 12 days seeding	33.00	26000
$TO._4$ = SRI - 8 days seeding	46.5	39500

Final Recommendation for micro level situation
All the treatment showed higher return in terms of yield and net return. However SRI with 8 Days seed gave highest yield of 46.5 qt/ha in comparison than different age seedling and traditional method. Therefore, SRI with 8 days seedling is recommended for SRI cultivation.

Constraints identified and feedback for research

Process of farmers participation and their reaction
Training on particular OFT/ Field days. Farmers realized to use 8 days old age of paddy seeding for SRI.

3.2 Achievements of Frontline Demonstrations

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

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1	Paddy	Crop production	Seed (MTU-7029)	Kharif 2011	4	4	3	7	10
2	Paddy	Crop production	Seed (R. Subhasni)	Kharif 2011	4	4	-	10	10
3	Wheat	Crop production	Seed (PBW-343)	Rabi 2011-12	4	4	-	10	10

@ Please mention component technology like seed/ fertilizer/ biofertilizer/plant protection or full package

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2011	Irrigated	Sandy loam				Dhaincha	5-7-2011	3-11-2011		
Wheat	Rabi	Irrigated	Sandy loam				Paddy	28.11.2011	15-04-2012		

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops - NA

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 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
Arhar	Pulse Production	Seed (NDA-1)	20	3	Awaited	Awaited									
Total															

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

Maize, cotton and lentil as special programme: NA

Frontline demonstration on maize, cotton and lentil: NA

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 total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other crops :N/A

Category and 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
Cereals																	
Millets																	
Vegetable crops																	
Palak																	
Brinjal																	
Tomato																	
Cauliflower																	
Carrot																	
Radish																	
Flower crops																	
Ornamental crops																	
Fruit crops																	
Spices and condiments																	
Commercial crops																	
Makhana																	
Medicinal and aromatic plants																	
Fodder crops																	

Plantation crops																	
Fibre crops																	
Others (pl.specify)																	
	Total																

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

** BCR= GROSS RETURN/GROSS COST

Livestock :NA

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 total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Fisheries:NA

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 total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises :NA

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																
Button mushroom																

Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment:NA

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

Farm implements and machinery: NA

Name of the implement	Crop	Name of the technology demonstrated	No. of KVKs	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 ect.)			
						Demonstration	Check									

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

Demonstration details on crop hybrids: NA

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
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										
Cauliflower	PH-2	10	0.5	148	114	30				
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										

NB: Attach few good action photographs with title at the back with pencil

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

Crop	**Season**	**Component**	**Farming situation**	**Average yield (q/ha)**	**Local check (q/ha)**	**Percentage increase in productivity over local check**
Paddy	Kharif 2011	Seed/ Variety	Irrigated	42.00	28.00	50.00
Paddy	Kharif 2011	Seed/ Variety	Irrigated	39.00	29.00	34.48
Wheat	Rabi 2011-12	Seed/ Variety	Irrigated	Yeild Awaited		
		Bio fertilizer				
		Fertilzer management				
		Plant Protection				
		Combination of components (Please Specify)				

Technical Feedback on the demonstrated technologies

S. No	**Feed Back**
1. Paddy	Yield performance and cooking quality is good

Farmers' reactions on specific technologies

S. No	**Feed Back**
1. Paddy	Appreciated to the demonstrated variety MTU-7029 and R. Subhasni
2.	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	5	11-08-2011 19-08-2011 03-09-2011 6-09-2011 11-04-2011	71 42 58 83 64	
2	Farmers Training	3	21-06-2011 24-06-2011 19-10-2011	32 25 29	
3	Media coverage				
4	Training for extension functionaries				

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

A) 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**
(A) Farmers & Farm Women													
I Crop Production													
Weed Management	3	21	2	**23**	1		**1**	1		**1**	23	2	**25**
Resource Conservation Technologies	1	23		**23**	3		**3**	3		**3**	29		**29**
Cropping Systems	4	26		**26**	2		**2**	1		**1**	29		**29**
Crop Diversification	3	23	3	**26**	2		**2**				25	3	**28**
Integrated Farming	6	31		**31**	6		**6**	2		**2**	39		**39**
Water management	3	28	3	**31**	1		**1**				32		**32**
Seed production	9	42		**42**					1	**1**	42	1	**43**
Nursery management	3	22	6	**28**							22	6	**28**
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
Total	25	163	33	**196**	23	11	**34**	10	3	**13**	196	47	**243**
II Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	3	32		**32**	2		**2**				34		**34**
Off-season vegetables	2	25	-	**25**							25		**25**
Nursery raising	4	28	1	**29**	1		**1**				29	1	**30**
Exotic vegetables like Broccoli	3	31		**31**				3		**3**	34		**34**
Export potential vegetables	6	42		**42**				2		**2**	44		**44**
Grading and standardization	3	29		**29**				4		**4**	33		**33**
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	4	51		**51**							51		**51**
Cultivation of Fruit	2	19	5	**24**	1		**1**				20	5	**25**

Management of young plants/orchards	1	22		**22**							22		**22**
Rejuvenation of Old Orchards	2	31		**31**	6		**6**				37		**37**
Export potential fruits	6	39		**39**	8	1	**9**				47	1	**48**
Micro irrigation systems of orchards	2	32		**32**							32		**32**
Plant propagation techniques	1	22		**22**							22		**22**
Others, if any													
Total													
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													
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	2		22	**22**		2	**2**					24	**24**
Design and development of low/minimum cost diet	4		32	**32**		9	**9**			**0**	0	41	**41**
Designing and development for high nutrient efficiency diet	4		29	**29**		6	**6**					35	**35**
Minimization of nutrient loss in processing	3		21	**21**		3	**3**		1	**1**	0	25	**25**
Gender mainstreaming through SHGs	6		31	**31**		3	**3**		2	**2**		36	**36**
Storage loss minimization techniques	2		21	**21**								21	**21**
Value addition	8		56	**56**		4	**4**		3	**3**	0	63	**63**
Income generation activities for empowerment of rural Women	1		22	**22**		2	**2**					24	**24**
Location specific drudgery reduction technologies	1		25	**25**								25	**25**
Rural Crafts	1		26	**26**								26	**26**
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													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII Fisheries													
Integrated fish farming	2	22		22	1		1	1		1	24		24
Carp breeding and hatchery management	6	35		35							35		35

Carp fry and fingerling rearing	5	39		39				2		2	41		41
Composite fish culture	6	46		46							46		46
Hatchery management and culture of freshwater prawn	3	35	3	38							35	3	38
Breeding and culture of ornamental fishes	4	29		29	3		3	1		1	33		33
Portable plastic carp hatchery	5	41		41							41		41
Pen culture of fish and prawn	2	29		29	2		2				31		31
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	3	36	2	**38**	1		**1**	1		**1**	38	2	**40**
Group dynamics	8	68	6	**74**	3		**3**	1		**1**	72	6	**78**
Formation and Management of SHGs	6	63		**63**							63		**63**
Mobilization of social capital	4	29	3	**32**	2		**2**				31	3	**34**
Entrepreneurial development of farmers/youths	5	66	2	**68**							66	2	**68**
WTO and IPR issues													
Others, if any	6	51	3	**54**	6		**6**				57	3	**60**
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Gender mainstreaming through SHg													
XII Others (Pl. Specify)													
Total	168	1208	324	1532	51	31	82	22	08	30	1281	1363	1644
(B) RURAL YOUTH													
Mushroom Production	3	62		**62**							62		**62**
Bee-keeping	2	46	2	**48**							46	2	48

Integrated farming	6	58	1	**59**	3		**3**	2		**2**	63	1	64
Seed production	6	60		**60**							60		60
Production of organic inputs													
Integrated Farming	7	65	6	**71**	2		**2**	3		**3**	70	6	76
Planting material production													
Vermi-culture	3	36		**36**	2		**2**				38		38
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production	4	62		**62**							62		62
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	6	57	3	**60**	3		**3**				60	3	63
Training and pruning of orchards	5	61		**61**							61		61
Value addition	3	20	12	**32**	3	1	**4**	1	1	**2**	24	14	38
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming	6	50		**50**							50		50
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	51	577	24	601	13	1	14	6	1	7	596	26	622
(C) Extension Personnel													
Productivity enhancement in field crops	3	32		**32**							32		32
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	6	40		**40**							40		40
Protected cultivation technology													

Formation and Management of SHGs													
Group Dynamics and farmers organization	3	35		**35**							35		35
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													
Any other (Pl. Specify)													
TOTAL	**12**	**107**		**107**							**107**		**107**

B) 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**
(A) Farmers & Farm Women													
I Crop Production													
Weed Management	6	22	2	**24**	3		**3**				24	3	**27**
Resource Conservation Technologies													
Cropping Systems	5	29	1	**30**							29	1	**30**
Crop Diversification	3	22	3	**25**	1		**1**				23	3	**26**
Integrated Farming	6	25		**25**							25		**25**
Water management													
Seed production	8	35	6	**41**							35	6	**41**
Nursery management													
Integrated Crop Management													
Fodder production													

Production of organic inputs													
Others, (cultivation of crops)													
II Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	3	20		**20**	6		**6**	4		**4**	30		**30**
Off-season vegetables	7	40		**40**	8		**8**	6		**6**	54		**54**
Nursery raising	6	39		**39**	7		**7**	4		**4**	50		**50**
Exotic vegetables like Broccoli	3	40		**40**	12		**12**	8		**8**	60		**60**
Export potential vegetables													
Grading and standardization	3	17		**17**	4		**4**	3		**3**	24		**24**
Protective cultivation (Green Houses, Shade Net etc.)	5	38		**38**	12		**12**	8		**8**	60		**60**
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	3	40		**40**	10		**10**	8		**8**	58		**58**
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any													
Total													
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													
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	1		10	**10**		8	**8**		2	**2**		20	20
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1		10	**10**		6	**6**		4	**4**		25	25
Minimization of nutrient loss in processing	1		10	**10**		5	**5**		2	**2**		17	17
Gender mainstreaming through SHGs	1		10	**10**		8	**8**		2	**2**		20	20
Storage loss minimization techniques													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													

Others, if any													0
Total	57	0	213	213	0	154	154	0	15	15	0	382	382
VI Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII Fisheries													
Integrated fish farming	6	35	5	40	10		10	8		8	53	5	58
Carp breeding and hatchery management	3	18		18	6		6	4		4	28		28
Carp fry and fingerling rearing	3	17		17	7		7	5		5	29		29
Composite fish culture	3	19		19	4		4	3		3	26		26
Hatchery management and culture of freshwater prawn	2	38		38	10		10	9		9	57		57
Breeding and culture of ornamental fishes	7	36		36	8		8	6		6	50		50
Portable plastic carp hatchery	6	40		40	12		12	9		9	61		61
Pen culture of fish and prawn	5	31		31	9		9	7		7	49		49
Shrimp farming	6	32		32	10		10	8		8	50		50
Edible oyster farming	5	34		34	9		9	7		7	50		50
Pearl culture	7	39		39	11		11	8		8	58		58
Fish processing and value addition													
Others, if any	6	35	5	40	10		10	8		8	53	5	58
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	3	20	3	**23**	3		**3**	2		**2**	25	3	28
Group dynamics	3	17	3	**20**	5	1	**6**	3		**3**	25	4	29
Formation and Management of SHGs	3	18		**18**	4		**4**	3		**3**	25		25
Mobilization of social capital													
Entrepreneurial development of farmers/youths	5	36		**36**	8		**8**	6		**6**	50		50
WTO and IPR issues	6	35		**35**	7		**7**	6		**6**	48		48
Others, if any	5	25	1	**26**	11	1	**12**	10		**10**	46	2	48
Total													
XI Agro-forestry													
Production technologies													
Nursery management	6	35		**35**	15		**15**	8		**8**	58		**58**
Integrated Farming Systems													
XII Others (Pl. Specify)													
TOTAL	160	955	74	1029	126	29	155	94	10	104	1175	113	1288
(B) RURAL YOUTH													
Mushroom Production	2	22	3	**25**							22	3	25
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	2	41	6	**47**	1		**1**	1		**1**	43	6	49
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													

Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	4	63	9	72	1		1	1		1	65	9	74
(C) Extension Personnel													
Productivity enhancement in field crops	6	35		**35**							35		35
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	2	30		**30**							30		30
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization	4	25		**25**							25		25
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
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													
Any other (Pl. Specify)													
TOTAL	12	90		90							90		90

C) Consolidated table (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**
(A) Farmers & Farm Women													
I Crop Production													
Weed Management	9	43	4	47	4		4	4		4	51	4	55
Resource Conservation Technologies	1	23		23	3		3	3		3	29		29
Cropping Systems	9	55	1	56	2		2	1		1	58	1	59
Crop Diversification	6	45	6	51	3		3				48	6	54
Integrated Farming	12	56		56	6		6	2		2	64		64
Water management	3	28	3	31	1		1				29	3	32
Seed production	17	77	6	83					1	1	77	7	84
Nursery management	3	22	6	28							22	6	28
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	6	52		52	8		8	4		4	64		64
Off-season vegetables	9	65		65	8		8	6		6	79		79
Nursery raising	10	67	1	68	8		8	4		4	79	1	80
Exotic vegetables like Broccoli	6	71		71	12		12	11		11	94		94
Export potential vegetables	6	42		**42**				2		**2**	44		**44**
Grading and standardization	6	46		46	4		4	7		7	57		57
Protective cultivation (Green Houses, Shade Net etc.)	5	38		**38**	12		**12**	8		**8**	58		**58**
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of		91		91	10		10	8		8	109		109

Orchards													
Cultivation of Fruit	2	19	5	**24**	1		**1**				20	5	**25**
Management of young plants/orchards	1	22		**22**							22		**22**
Rejuvenation of old orchards	2	31		31	6		6				37		37
Export potential fruits	6	39		**39**	8	1	**9**				47	1	**48**
Micro irrigation systems of orchards	2	32		**32**							32		**32**
Plant propagation techniques	1	22		**22**							22		**22**
Others, if any													
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													
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	3		32	32		10	10		2	2		44	44
Design and development of low/minimum cost diet	4		32	32		9	9					41	41
Designing and development for high nutrient efficiency diet	5		44	44		12	12		4	4		60	60
Minimization of nutrient loss in processing	4		31	31		8	8		3	3		42	42
Gender mainstreaming through SHGs	7		41	41		11	11		4	4		56	56
Storage loss minimization techniques	2		21	**21**								21	**21**
Value addition	8		56	56		4	4		3	3		63	63
Income generation activities for empowerment of rural Women	1		22	22		2	2					24	24

Location specific drudgery reduction technologies	1		25	**25**								25	**25**
Rural Crafts	1		26	**26**		1	**1**		1	**1**		28	**28**
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													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII Fisheries													
Integrated fish farming	8	57	5	62	11		11	9		9	77	5	82
Carp breeding and hatchery management	9	53		53	6		6	4		4	63		63
Carp fry and fingerling rearing	8	56		56	7		7	7		7	70		70
Composite fish culture	9	65		65	4		4	3		3	72		72
Hatchery management and culture of freshwater prawn	5	73	3	76	10		10	9		9	92	3	95
Breeding and culture of ornamental fishes	11	65		65	11		11	7		7	83		83
Portable plastic carp hatchery	11	81		81	12		12	9		9	102		102
Pen culture of fish and prawn	7	60		60	11		11	9		9	80		80
Shrimp farming	6	32		32	10		10	8		8	50		50
Edible oyster farming	5	34		34	9		9	7		7	50		50

Pearl culture	7	39		39	11		11	8		8	50		50
Fish processing and value addition													
Others, if any	6	35	5	40	10		10	8		8	53	5	58
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	6	56	5	61	4		4	3		3	63	5	68
Group dynamics	11	85	9	94	8	1	9	4		4	97	10	107
Formation and Management of SHGs	9	81		81	4		4	3		3	88		88
Mobilization of social capital	4	29	3	**32**	2		**2**				31	3	**34**
Entrepreneurial development of farmers/youths	10	102	2	104	8		8	6		6	116	2	118
WTO and IPR issues	6	35		**35**	7		**7**	6		**6**	48		48
Others, if any	11	76	4	**80**	17	1	**18**	10		**10**	103	5	**108**
XI Agro-forestry	8	28		28	10		10	15		15	53		53
Production technologies													
Nursery management	6	35		35	15		15	8		8	58		58
Integrated Farming Systems													
Gender main streaming through SHG													
TOTAL	328	2163	398	2561	177	60	237	116	18	134	2456	476	2932

(B) RURAL YOUTH													
Mushroom Production	5	84	3	87							84	3	87
Bee-keeping	2	46	2	48							46	2	48
Integrated farming	6	58	1	59	3		3	2		2	63	1	64
Seed production	6	60		60							60		60
Production of organic inputs	2	41	6	**47**	1		**1**	1		**1**	43	6	49
Integrated Farming	7	65	6	71	2		2	3		3	70	6	76
Planting material production													
Vermi-culture	3	36		36	2		2				38		38
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production	4	62		62							62		62
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	6	57	3	60	3		3				60	3	63
Training and pruning of orchards	5	61		61							61		61
Value addition	3	20	12	32	3	1	4	1	1	2	24	14	38
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	6	50		50							50		50
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													

Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	55	640	33	673	14	1	15	7	1	8	661	35	696
(C) Extension Personnel	9	67		67							67		67
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	8	70		**70**							70		70
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													
Any other (Pl. Specify)													
TOTAL	24	197		197							197		197

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

Date	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

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/ RY/ EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Krishak Salhkar (60days training programme)	Agriculture	Feb to April	60days			26			4			30			30	Govt. of Bihar

3.4. 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	**5**	**276**	**34**		**8**					**318**
Kisan Mela	**1**	**Many**								
Kisan Ghosthi	**3**	**56**	**12**	**68**						
Exhibition										
Film Show										
Method Demonstrations seed treatment (Bavistin)										
Farmers Seminar										
Workshop										
Group meetings	**9**	**89**	**12**	**3**						**104**
Lectures delivered as resource persons	**22**	**Many**								
Newspaper coverage	**31**									
Radio talks	**02**									
TV talks	**01**									
Popular articles										
Extension Literature										
Advisory Services										
Scientific visit to farmers field	**41**	**41**								
Farmers visit to KVK		**328**	**61**							**389**
Diagnostic visits	**16**		**16**							
Exposure visits	**1**	**26**	**4**							**30**
Ex-trainees Sammelan	**1**	**50**	**3**							**53**
Soil health Camp										
Animal Health Camp										
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings	**3**	**64**	**18**	**3**						**85**
Mahila Mandals Conveners meetings										
Celebration of important days (specify)										
Any Other (Specify)	**12**									
Total	**145**	**890**	**132**	**6**	**8**					**979**

3.5 Production and supply of Technological products Village seed

Crop	variety	Quantity of seed (q)	Value (Rs)	Number of farmers provided
Cereals				
Oilseeds				
Pulses				
Commercial crops				

Vegetables				
Flower crops				
Spices				
Fodder crop seeds				
Fiber crops				
Forest Species				
Others				
Total				

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers provided
Cereals				
Paddy	Rajendra bhagwati	50.00	150000	
	Usar Dha	35.00	105000	
Wheat				
Commercial crops				
Horticultural Crops				
Vegetables				
Flower crops				
Spices				
Fodder crop seeds				

Fiber crops				
Forest Species				
Others				
Total				

Production of planting materials by the KVK :

Crop	variety	Quantity of seed (q)	Value (Rs)	Number of farmers provided
Commercial				
Vegetable seedlings				
Fruits				
Citrus				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Tuber				
Fodder crop saplings				
Forest Species				
Others				

Total				

Production of Bio-Products;NA

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

Production of livestock materials;NA

Particulars of Live stock	**Name of the breed**	**Number**	**Value (Rs.)**	**No. of Farmers**	**No. of KVKs**
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)					
Total					

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

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

(B) Literature developed/published

Item	Title	Authors/Editor name	Number
Research Papers			
Technical Reports			
News Letters			
Technical Bulletins			
Popular article			
Extension literature	• Baigan utpadan ki unnal taknik • Mirch ki vaigyanik skheti • Misrit Matsayapalan • Jira Palan	Dr Sunita Kushwah Dr Sunita Kushwah Dr. Brajendu Kumar Dr. Brajendu Kumar	
Krishak samachar		KVK, Katihar	9000

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

(C) Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1			
2			

(D) Details of HRD programmes undergone:

S. No.	Name of programme	Date and Duration	Organized by

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

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

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

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

3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women: Bench mark survey/discussion /feedback
- Rural Youth: Bench mark survey/discussion/feedback
- In-service personnel: Bench mark survey/discussion/feedback

3.11 Field activities

i. Number of villages adopted; 09

ii. No. of farm families selected;-300
iii. No. of survey/PRA conducted 01

3.12. Activities of Soil and Water Testing Laboratory; NA

1. Status of establishment of Lab :
2. Year of establishment :
3. List of equipments purchased with amount :

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

4. Details of samples analyzed so far :

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

3.13 Activities of rain water harvesting structure and micro irrigation system

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

3.14 Technology week celebration :

Type of activities	**No of activities**	**Number of participants**	**Related crop/livestock technology**

3.15 RAWE programme:

Is KVK is involved : n/a

No of student/ARS trained	No of days stayed
06	1

3.16 NICRA Project : NA

Programme implemented	No of village covered	No of beneficiary covered	Amount of fund received	Amount of fund utilized

3.17 List of visitors KVK, Katihar

Date	Name of Person	Purpose of visit
11-06-2011	**Dr. K.D. Kokate Deputy Director General (Agricultural Extension) Division of Agricultural extesnsion , Krishi Anusandhan Bhawan New Delhi - 110012 India**	**Extrainees Meet and evaluation of other programme at KVK, Katihar**
11-06-2011	**Dr. A.K. Singh ZPD- Zone II ICAR, Kolkatta**	**Extrainees Meet and evaluation of other programme at KVK, Katihar**
11-06-2011	**Dr. S.R. Singh, ADEE Bau Sabour**	**Extrainees Meet and evaluation of other programme at KVK, Katihar**
11-06-2011	**Dr. Divesh Kumar Singh**	**Extrainees Meet and evaluation of other programme at KVK, Katihar**
24-07-2011	**Dr. Shipra Naik APO, Purnea, Regional Poultry FarmMadhubani, Purnea**	**Participate as a resource person in poultry training**
25.09.2011	**Dr. M.M.Jha Retired principal , MBAC Agwanpur**	**Participate as a resource person in training**
25.09.2011	**Dr. R.N. Padariya Prinicipal scientist Division of Agricultural Extensioin , IARI, New Delhi-12**	**For livelihood Stufy**
07.12.2011	**Dr. K.K. Singh, Directro Seed BAU, Sabour**	**Evaluation of Seed Production Programme**
24.12.2011	**Dr. R. K. Sohane, Director Extension BAU, Sabour**	**Evaluation of KVK programme**
01.01.2012	**Dr. N.K. Singh Chief Scientist Cum Chairman**	**Evaluation RKVY Programme**
01.03.2012	**Smt. Aswani Dattatrey Thkre, DM, Katihar**	**Inauguration of Krishak Salakhar Training**
05.03.2012	**Dr. Rajesh Kumar Associate Dean Cum Prinical BPSAC, Purnea**	**Evaluation the programme under taken by KVK**

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)
Improved cultivars	1147	21		
Seed treatment	1450	27		
Vermicompost	980	18		
Seed production	161	3		
Fertiliser application	1080	20		
Papaya production	15	0.28		
Bee keeping	350	6		
Mushroom production	150	2		

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)

- ⇨ Improved cultivars
- ⇨ Seed treatment
- ⇨ Bee keeping
- ⇨ Seed production

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

4.5 Details of innovations recorded by the KVK

1.6 Details of entrepreneurship development by the KVK

ENTREPRENEURSHIP DEVELOPMENT AMONG FARMERS

- BEE- KEEPING(one box 50-60 kg)

Famers trained during 2012	Start beekeeping in a group	Production	Investment	Gross return	Remarks
Ist year	10 boxes	550 k.g.	25000/- for box 1000/- other expenses	55000/-	Net return – 20000/-
IInd year	20 boxes with 5 frame	1100 k.g	32000/-	110000/-	78000/- Present rate of 100/- Box- 400 rs frame
IIIrd year	80 Boxes 4800	43000/-	384000	341000	

Vermicompost

Farmers trained during 2012	Vermicompost production	Investment	Gross return	Remarks
Ist year	1750 cubic feet	30000/-	38000/- (9500 kg production @ 4rs.)	Net income 8000/- from 1st year
11nd year			45000/-(1125 kg@4rs)	Net income 45000/- in 2nd year

Mushroom

Farmers trained during 2012	Vermicompost production	Investment	return	Net Return	Remarks
	1st year (area 10*10)	2000/- (seed /4k.g Rope 2.5 k.g Formalin – ½ liter Bavistin 100 gm Polythene-2. kg) oaster	4200/- in 45 days (with 70 k.g.) rate 60/- per k.g	2220/-	Sept. to April

- **QPM variety shaktiman 4 Seed Production during 2008-09 in 5 acre.**
- **QPM variety shaktiman 4 Seed Production during 2009-10 in 12 acre.**
- **QPM variety shaktiman 4 Seed Production during 2010-11 in 30 acre.**
- **Average net return of Rs. 78000/- hectare**

4.7 Any other initiative taken by the KVK

4.8 Area not covered by the above or constraints or new proposal for XII plan

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. DAO, Katihar.	HRD & Joint Programme Like Workshop, Training, Demonstration, Crop Cutting , Field Day,Krishak Gosthi
2. DHO, Katihar.	krishak gosthi, field day, P.f training, seminar, etc.
3. IFFCO, Katihar.	- do -
4. Krivco, Katihar	- do -
5. NABARD, Katihar	- do -
6. Jute Dev. Office, Katihar.	- do -
7. DAO, Purnea.	- do -
8. Sugarcane Deapertment, Purnea	- do -
10. ATMA, Katihar	-do
11. NGO, Katihar	-do -
12. JDA(Jute), Purnia	-do-
13. AIR, Purnea	-do-
14. ETV, Hayderabad	-do-

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

5.2 List special programmes undertaken by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NHM/NFDB/Other Agencies

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

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

6.2 Performance of instructional farm (Crops) including seed production

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Paddy									
Wheat									
Pulses (Arhar)									
Moong									
Oilseeds									
Mustard									
Til									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									

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

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

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

6.5 Utilization of hostel facilities:

Electrification completed
Sanitation facility completed

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)

(For whole of the year)

6.5 Utilization of staff quarters

Whether staff quarters has been incomplete (Construction under progressive):
No of staff quarters:
Date of completion:

Occupancy

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	SBI	Katihar	10501337736
With KVK	SBI	Katihar	10501342703

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

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

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

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

7.4 Utilization of funds under FLD on Cotton *(Rs. In Lakhs);NA*

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

Utilization of KVK funds during the year 2011-12

S. No.	Particulars	Sanctioned (Rs.in lakh)	Released (Rs.in lakh)	Expenditure (Rs)
A. Recurring Contingencies				
1	**Pay & Allowances**	19.90	26.67	19.95
2	**Traveling allowances**	0.80	0.83	0.05
3	**Contingencies**	**6.50**		
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.57	2.14	2.49
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	2.58	2.14	1.96
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	0.60	0.50	0.55
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.75	0.62	0.10
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		**47.80**	**47.80**	**47.80**
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**	22.00		
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	3.00	1.00	
4	**Library** (Purchase of assets like books & journals)	0.10	0.10	

TOTAL (B)			
C. REVOLVING FUND			
TOTAL (B)			
Grand Total (A+B)			

7.5 Status of revolving fund (Rs. in lakhs) for the 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)
April 2009 to March 2010	64781.49	238391	165698	137474.49
April 2010 to March 2011	137414.49	196.42.00	197912.00	135544.49
April 2011 to March 2012	135544.49	428018	431734	131828.49

7.6 Any other significant achievements (provide full details with action photograph)

7.7 Number of SHGs formed by KVKs/associated with SHGs formed by other organizations.

7.8 Detail of marketing and financial opportunity created for the SHGs

7.9 Special Programme on Food and Nutrition

- **i) On farm trails conducted on food and nutrition:**
  Title, result, No. of beneficiaries and other information
- **ii) FLD conducted on food and nutrition**
  Title, result, No. of beneficiaries and other information
- **iii) Awareness programme conducted on food and nutrition for Anganwadi workers and others**
- **iv) Total Anganwadi workers trained indicating area of training**
- **v) Number of exhibition, fair, workshops organized on food and nutrition:**

7.10 Community Radio Station

- **i) Date of start of community Radio Station**
- **ii) Detail of programme aired through Community Radio Station and frequency of such programme**
- **iii) Whether any proposal is pending for establisment of CRS at aKVK, If yes, date of Submission of proposal**

7.11 KMAS Service

Mobile Advisory								
No. of calls	No. of farmers covered	No. of Message	Type of messages					
			Crop (No.)	Livestock	Weather	Marketing	Awarmess	other enterprise

7.12 Performace of Automatic Weather station/weather station in KVK

- **i) Parametres are being recorded**
- **ii) Advisory service based on weather data being provided to**
  - **a) Number of farmers**
  - **b) Departments with name and number**
  - **c) Other agency with name and number**

7.13 Joint activity carried out with line department and ATMA

Name of Activity	Season	With Line department	With ATMA	Both