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KRISHI VIGYAN KENDRA

KHODAWANDPUR, BEGUSARAI – 848 202 (Bihar)

ANNUAL REPORT

APRIL 2019 to MARCH 2020

DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY
PUSA, SAMASTIPUR – 848 125 (BIHAR)

PROFORMA FOR ANNUAL REPORT 2019 (April 2019 to March 2020)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK,Khodawandpur, Begusarai	Office	FAX	kvk.beg@gmail.com / **pc.begusarai@rpcau.ac.in**

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

Address	Telephone		E mail
	Office	FAX	
Dr.Rajendra Prasad Central Agricultural University, Pusa Samastipur	06274-240226	06274-240255	vcrau@gmail.com

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

Name	Telephone / Contact		
Dr. S.N.Singh	Residence	Mobile 9431488038	Email kvk.beg@gmail.com **pc.begusarai@rpcau.ac.in**

1.4. Year of sanction of KVK: August,1992 vide letter number 3-2/92 KVK date 30.03.1992

1.5. Staff Position (as on 1st April, 2017)

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. S.N Singh	Programme Co-ordinator	Plant Pathology	15600-39100 AGP 8000, 37380	30-05-2015	Permanent	GEN
2	Subject Matter Specialist	Dr.Mala Kumari	SMS	Home Science	15600-39000 AGP 6000, 31620	11.12.2007	Permanent	OBC
3	Subject Matter Specialist	Dr. Rajeev Kumar Shrivastav	SMS	Agronomy	15600-39100 AGP 6000, 30690	23-06-2009	Permanent	GEN
4	Subject Matter Specialist	Mr. Neeraj	SMS	Horiticulture	15600-39100 AGP 6000, 27390	10-06-2009	Permanent	GEN
5	Subject Matter Specialist	Dr.C.B Singh	SMS	Dairy Technology	15600-39100 AGP 6000, 31675	19.07.2001	Permanent	GEN
6	Subject Matter Specialist	Vacant						
7	Subject Matter Specialist	Vacant						
8	Programme Assistant	Anshuman Dwivedi	Lab technician	Soil Science	35400-112400 AGP. 4200, 35400	28.11.2017	Permanent	GEN
9	Computer Programmer	Tushar Kumar Pandey	Computer programmer	Computer Science	35400-112400 AGP. 4200, 35400		Permanent	GEN
10	Farm Manager	Sneha	STA	Horticulture	35400-112400 AGP. 4200, 35400		Permanent	GEN
11	Accountant / Superintendent	Amitesh Kumar Gaurav	Assistant		35400-112400 AGP. 4200, 35400		Permanent	OBC
12	Stenographer	Chandrama Singh			5200-20200 AGP 2400, 7600		Permanent	GEN
13.	Driver	Dr. S.K.P. Singh	BUS Driver	-	5200-20200 AGP 2800, 46800	08.03.2010	Permanent	GEN
14.	Driver	Dinesh Yadav	Tractor Driver	-	8684 (fixed)		Temporary	
15.	Supporting staff	Sri Pawan Kumar	Peon	-	5200-20200 AGP 1800, 19100	21.08.15	Permanent	OBC
16.	Supporting staff	Md.Mumtaz Alam	Peon –Cum- Messenger	-	5200-20200 AGP 2000, 11800		Permanent	GEN

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.0
2.	Under Demonstration Units	1.0
3.	Under Crops	14.0
4.	Orchard/Agro-forestry	3.0
5.	Others with details	
	Total	20.0

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					Complete		Under use	ICAR
2.	Farmers Hostel					Complete		Under use	ICAR
3.	Staff Quarters (6)					In - complete			ICAR
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure								
7	Threshing floor					Complete		Under use	ICAR
8	Farm godown					Complete		Under use	RKVY
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab					Complete			ICAR
16	Others, Please Specify								

* 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
Bolero	13.05.2009	540392,94	145589	Good but needs major repairing

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
1. Sthiching machine	7.12.1985	1170/PC	7(not in working condition.	
b. Farm machinery				
i) Tractor with accessories	10.08.1998	296300.00	Under repairing	
ii) Pumpset	12.11.1986	7878.00	Repairable	
iii) Thresher	2004	4600.00	Not functional	
iv) Thresher	2005	23200.00	Not functional	
c. AV Aids				
i) Over head Projector ii) Slide projector iii) huja Portable teaching wireless PA amplifier iv) hotocopier	Transferred from DEE RAU, Pusa -------do---------- 2003 2004	10190.00 75000.00	1 (Good) 1 (Good) 1 (Good) Not functional	

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
i) Tractor				
ii) Trolley				
iii) Zero- tillage Machine				
iv) Cultivator				
v) Disc harrow				
vi) Reaper				
vii) MB plough				
viii) Dal mill				
ix) Diesel Pumpset machine				
x) Maize sheller machine				
xi) Maize drier				

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	01 June 2017	55	Copy enclosed		

** 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)

Agro Ecological Sub Region (ICAR)	**Eastern Plain, Hot Subhumid (Moist) Eco-sub Region (13.1)**
Agro- Climatic Zone (Planning Commission)	**Middle Gangetic Plain Region (IV)**
Normal Annual Rainfall (mm)	**1069**
Normal Annual Rainy days	**59**
Land Use Pattern of the district	**Area ('000 ha)**
Geographical Area	**187.8**
Cultivable Area	**159.5**
Forest Area	**2.4**
Barren & Uncultivable Land	**18.0**
Major Soils	**Area ('000 ha)**
Sandy Soils	**12.486**
Coarse Sandy Loam Soils	**33.516**
Fine Sandy Loam Soils	**65.484**
Clayey Soils	**37.141**
Saline\ Calcareous soils	**23.587**
Agricultural land use	**Area ('000 ha)**
Net sown area	**117.2**
Area sown more than once	**74.0**
Gross cropped area	**159.5**
Cropping intensity %	**137**
Irrigation	**Area ('000)**
Net irrigated area	**86.1**
Gross irrigated area	**91.1**
Major Farming Situation	**Upland, Medium Land & Low Land**
Cropping System	**Rice-Wheat, Maize –Wheat, Rice-Wheat- Green gram, Vegetable-Wheat, Rice-Rabi Maize, Maize-Rabi Maize, Rice-Pulses, Rice-Oilseeds, Rice-Vegetables, Rice-Potato & Soybean-Wheat,**

Pulses	**Pigeonpea, Lentil, Green gram (summer) & Gram**
Oilseeds	**Soybean, Mustard & Rai**
Fruits Crops	**Mango, Litchi, Guava & Papaya**
Vegetables	**Bitter gourd, Lady's Finger (Okra), Onion, Cucumber, Cabbage, Tomato, Cauliflower, Bottle gourd, Radish, Carrot, Sponge gourd, Chili & Potato**
Other Crops	**Rice, Wheat, Maize, Rabi Maize & Sugarcane**
Spice & condiments	**Turmeric, Coriander, Fenugreek,**

2.b. Details of operational area / villages (2017-18)

Sl No.	Name of Block	Name of villages	Major crops& enterprises	Major problems identified	Identified thrust area
1.	Khodawandpur	Bariyarpur	Wheat, Lentil, Rai, Moong, Vermicompost	Non availability of quality seeds of lentil,rai moong, depletion of organic matter in soil, lackof awareness about organic manures	Quality seed production, vermin compost production,green manuring
2.	Cheriyabariyarpur	Kumbhi	Maize,Wheat,Moong,Arhar	Dependent on hybrid maize, unavailability of quality seeds of wheat, moong arhar, disease and insect pest problems	Availability of quality composit varieties of maize,IPM for moong and arhar
3.	Teghra	Madhurapur	Vegetables, Wheat, Lentil,Maize	Seedling blight and damping off diseases in vegetables , Fruit and Shoot borers in brinjal is a major problem, wilt disease in lentil and non grain formation in wheat	IPM, IDM and B application to correcting the non grain formation in wheat
4.	Begusarai	Paharpur	Sugarcane,Maize, Papaya	Shoot and top	IPM & IDM

				borer in s/cane, stalk rot and stem borer in maize, stem rot & viral diseases of Papaya	
5.	Garhpura	Korai	Depletion of organic matter, sugarcane, maize, wheat, lentil,Dairying	Wilt in lentil, zinc deficiency in s/cane and maize, stalk rot in maize,improved breed of animals, fodder production	Organic manure production, IPM and IDM, fodder production

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS in 2019-20 for its development and action plan

Name of village	Block	Action taken for development
Rampur	Cheriya Bariyarpur	Introduced new improved varieties of Paddy (variety & SSP), DSR, Zero-tillage in wheat, pigeonpea, chickpea, wheat, lentil and rai through clustered demonstration and FLD. OFTs were also conducted in these villages. Training programmes and Field Days were organized in these villages for skill and knowledge development and create awareness among the farmers of latest technologies
Musahari	Khodawandpur	
Bagwan	Bakhri	
Chhaurahi	Chhaurahi	

2.1 Priority thrust areas

Sl. No.	Thrust area
1.	**Productivity enhancement of major and important crops through INM, IPM, IDM, Integrated weed and water management with improved varieties of seeds**
2.	**Promotion of farm mechanization and Resource Conservation Technologies**
3.	**Sustainable development of agriculture through green manuring, bio-fertilizers, organic manure and compost quality improvement by waste decomposer**
4.	**Soil health management through soil testing and distribution soil health cards among farmers**
5.	**Promotion of cultivation of horticulture crops-fruits and vegetables**
6	**Entrepreneurship skill development among the rural youth for self employment in order to attract and retain the rural youth agriculture and allied sectors**
7.	**Cultivation of off-time vegetables**
8.	**Assessment and refinement of Suitable and remunerative cropping system in concerned district among marginal farmers under climate change scenario**
9.	**Integrated farming system**
10.	**Popularizing Oilseeds and pulses among the farmers with recommended agronomical packages of practices for livelihood and nutritional security of households**
11.	**Use and self employment generation by adopting vermi-compost as viable enterprises**

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during 2017-18

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
06	05	52	44	11	10	99	171

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
103	76	3235	2425	1000	1191	3000	3893

Seed production (q)		Planting material (Nos.)	
Target	Achievement	Target	Achievement
100	185	250	96

3.1 Achievements on technologies assessed and refined

On Farm Trial: 1
Discipline : Agronomy
Title : Effect of Agrochemicals for minimizing moisture stress in wheat
Crop : Wheat
No. of Trials : 10

Technology option	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
T_1: Farmers' practice: 3 irrigation	45.07	35653	72112	36459	1.02
T_2: Two foliar application of salicylic acid @ 10µM/l of water + 2 Irrigation	46.31	33739	74112	40373	1.20
T_3: Two foliar application of Thio-urea @ 10mM/l of water + 2 Irrigation	52.67	33910	84272	50362	1.49
T_4: Two foliar application of Potassium nitrate @ 15g/l of water + 2 Irrigation	48.64	33859	77824	43965	1.30
T_5: Two foliar application of Micro-Nutrients Complex @ 2g/l of water + 2 Irrigation	46.13	34047	73808	39761	1.16
CD (P=0.05)	3.16				

Results:

To achieve better and efficient resource utilization along with higher economic return and yield, wheat crop in Begusarai district should be administered with two foliar application of Thio-urea @ 10mM/l of water + 2 Irrigation along with adopting the all the recommended agronomical packages of practices, which eventually produced higher grain yield and B:C ratio i.e. 52.67 q/ha and 1.49, respectively.

On Farm Trial: 2
Discipline : Agronomy
Title : Assessment of different formulation of herbicides for broad spectrum control of weeds specially Motha in sugarcane
Crop : sugarcane
No. of Trials : 10

Technology option	
Atrazine 50% WP @ 1 kg a.i./ha	**On going OFT**
TO 1: Halosulfuron methyl 75% wg @ 67.5 g a.i./ ha	
TO 2: Halosulfuron methyl 75% wg @ 67.5 g a.i./ ha + Mertribuzin 70% WP @ 750 g a.i./ ha	
TO 3: Mertribuzin 70% WP @ 750 g a.i./ ha + 2,4-D ehtyl ester 38% @ 1.5 kg a.e./ha	

On Farm Trial 3: To assess the suitability of different types of hand tools for weeding & intercultural operation

Thematic area	Problem diagnosed	Title for OFT	No. of Trial	Technology assessed	Parameters	Treatments			Results of assessment	Feedback from the farm women
1	2	3	4	5	6	7			8	9
						T1	T2	T3		
Drudgery reduction	1.Labour Problems & Time of consumption 2. Low work efficiency 3. Fatigue	Assess the suitability of different types of hand tools for weeding & intercultural operation	8	<u>Farm practice</u> T1- Use of local khurpi for weeding & intercultural operation	Average HB (beats/min) (stethoscope)	98	90	82	Average working heart rates & energy expenditure for weeding of maize field were reduced by 36.7& 16& respectively T3 over T1, 17.6% & 8% respectively	Farm women felt cycle hoe is very easy to handle & also area coverage is 3 times more over T1
				<u>Recommended practice</u> T2- Grubber T3- Cycle hoe	Average Energy expenditure (kJ/min) (Smart watch)	6.8	5.6	4.3		
					Area coverage ha/day	0.05	0.11	0.24		

					Reduction in drudgery (%)		**17.64% & 8.16% Reduction in EE & AHR respectively T2 over T1**	**36.7% &16 % reduction in EE & AHR respectively T3 over T1**	**T2 over T1**	

On Farm Trial 4: Assessment of plant products and microbial formulation in the management of brinjal fruit & short borer (*Lenciroides orbonalis*)

Technology option	% short infestation	& fruit infestation	Yield q/h	Cost of cultivation (Rs.)	Gross return (Rs.)	Net return (Rs.)	B:C ratio
Farmers practice indiscriminate use of chemical pesticides	48.67	52.51	191.0	103000	286000	183000	2.77
TO I- Clipping + four foliar sprays of Oxymetrin 1.2 EC @ commencing after 30 DAT at 15 days interval	19.20	23.27	208.5	104500	312750	208250	2.99
TO II- Clipping + four foliar sprays of spino-sad 45EC@225 a.i./ ha commencing after 30 DAT at 15 DAT interval	13.47	16.35	219.8	105000	329700	224700	3.14

TO III- Clipping + four foliar sprays of NSKE @ 5 % commencing after 30DAT at 15 days interval	**24.35**	**27.21**	**203.1**	**101300**	**304650**	**203350**	**3.00**
CD at 5%	**3.69**	**4.29**	**9.6**				

Results:

For effective and efficient management of brinjal fruit & short borer (*Lenciroides orbonalis*), Brinjal crop in Begusarai district should be administered with **Clipping + four foliar sprays of spino-sad 45EC@225 a.i./ ha commencing after 30 DAT at 15 DAT interval** along with adopting the all the recommended packages of practices, which eventually produced higher yield and B:C ratio i.e. **219.8** q/ha and **3.14**, respectively.

OFT – 5 :Evaluation of value added green chilli and assessing its storability

Treatment	Storability	Palatability	Colour	Cost of prouction (Rs/kg)	Making cost of 5 kg pickles	Cost of selling (Rs/kg)	Gross return(Rs for 5 kg)	Net return(Rs for 5 kg)	B.C Ratio
Farmers practice To1-Green chilli pickle with mustard oil	1-2 Months	Low	Brownish yellow green	80	400	110	550	150	1.37
Recommended practice To2- Green chilli pickle with tamarind paste	3-4 Months	Medium	Brownish red	90	450	130	650	200	1.44
To3- Green chilli pickle with sirka	5-6Months	High	Bright yellow green	95	475	185	925	450	1.94

Result: It was evident from the trial that the pickle prepared with sirka To3 was the best in terms of likeness & taste against To-2 (Pickle prepared with tamarind paste) & FP (pickle prepared with mustard oil). In terms of keeping quality, To-3 (pickle prepared with sirka) got longer storability (5 to 6 months)followed by To-2 (3-4 month). Data presented in the table revealed that the highest net return of Rs 450/kg was obtained with To-3 with highest B:C Ratio of 1.94. Based on keeping quality of product and B:C Ratio, Farmers & farm women may be suggested to prepared pickle with sirka superior to pickle prepared with tamarind paste. However they may be adviced to prepare pickle with sirka & pickle with tamarind due to its plenty of availability and cheaper rate in this reason. It will fetch maximum market price.

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during 2017-18

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.	Soybean	ICM	PS- 1042 (Varietal)	10	6.5	2	16	18	
2.	Rai	ICM	Rajendra. Suflam (Varietal)	12	6.0	1	14	15	
3.	Pigeonpea	ICM	LRG-41 (Varietal)	8	8.0	6	27	33	
4.	Lentil	ICM	HUL-57 (Varietal)	12	1.02	0	3	3	
5.	Paddy	ICM	SSP	0	3.0	2	10	12	
6.	Paddy	Resources Conservation	Weed Management (Bispyribac sodium)	4	4.0	1	11	12	
7.	Paddy	ICM	R. Bhagwati (Varietal)	10	12.0	6	32	38	
8.	Paddy	Weed Management	DSR	4	4	1	9	10	
9.	Wheat	Weed Management	Variety + Zero tillage (HD-2967)	10	10	4	21	25	
10.	Intercropping	Fodder Production	sugarcane + Rajmash	0	2	1	4	5	

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					
Soybean	Kharif	Irrigated	Sandy loam	215	24	222	fallow	Last week june to 1st week of July Nov	October last week		
Rai	Rabi	Irrigated	Sandy loam	221	34	205	Paddy	1st week of Novemeber	March 1st fortnight		
Pigeonpea	Kharif	Rainfed	Sandy loam	221	27	234	fallow	July	April 2nd week		
Lentil	Kharif	Irrigated	Sandy loam	229	31	201	Paddy	October Last week	march		
Paddy	Kharif	Irrigated	Sandy loam	245	34	262	Wheat	July	November 1st week		
Paddy	Kharif	Irrigated	Sandy loam	229	29	251	Wheat	July	November 1st week		
Paddy	Kharif	Irrigated	Sandy loam	220	35	260	maize	July	November 1st week		
Paddy	Kharif	Irrigated	Sandy loam	246	38	261	Moong	July	November 1st week		
Wheat	Rabi	Irrigated	Sandy loam	247	35	279	Paddy	1st fortnight	1st week of April		

								of Novemeber			
Intercropping	Rabi	Irrigated	Sandy loam	242	32	272	paddy	2nd fortnight of Novemeber	March last week (Rajmash) and sugarcane in field		

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	B:C Ratio
					Demo	Check		
Soybean	ICM	PS- 1042 (Varietal)	18	6.5	23.46	18.50	26.81	2.23
Rai	ICM	Rajendra. Suflam (Varietal)	15	6.0	23.11	18.13	27.47	2.11
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	Variety/ technology demonstrated	Season (Kharif/Rabi)	Area (ha)	No. of Beneficiaries	Demo Yield (q/ha)			Yield of local Check	Increase in yield (%)	B:C Ratio
					H	L	A			
Pigeonpea	LRG-41 (Varietal)	Kharif	8.0	33	25.67	23.36	24.52	18.97	29.26	2.65
Lentil	HUL-57 (Varietal)	Rabi	1.02	3	26.43	22.21	24.32	18.76	29.63	2.45

* 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	Variety/ technology demonstrated	Season (Kharif/Rabi)	Area (ha)	No. of Beneficiaries	Demo Yield (q/ha)			Yield of local Check	Increase in yield (%)	B:C Ratio
					H	L	A			
Paddy	**SSP**	**Kharif**	**3.0**	**12**	**43.25**	**40.13**	**41.69**	**38.49**	**8.31**	**1.29**
Paddy	**Weed Management (Bispyribac sodium)**	**Kharif**	**4.0**	**12**	**45.32**	**43.09**	**44.21**	**39.13**	**12.98**	**1.69**
Paddy	**R. Bhagwati (Varietal)**	**Kharif**	**12.0**	**38**	**43.76**	**41.13**	**42.45**	**40.03**	**6.04**	**0.96**
Paddy	**DSR**	**Kharif**	**4**	**10**	**46.66**	**42.71**	**44.69**	**42.13**	**6.08**	**1.09**
Wheat	**Variety + Zero tillage (HD-2967)**	**Rabi**	**10**	**25**	**51.46**	**50.18**	**50.82**	**43.54**	**16.72**	**1.86**
Intercropping	**sugarcane + Rajmash**	**Rabi**	**2**	**5**	**On going (Rajmash harvested)**					

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
1	Rai	Suitable for this locality, tolerance to rust and leaf blight, It matures in 120 - 125 days when sown early it is also suitable for late sowing
2.	Soybean	Highly remunerative and restoring the soil fertility
3	Lentil	More suitable for this locality and tolerant wilt diseases
4	Paddy (Varietal)	Suitable for upland condition, late sown, short duration and seedlings should be raised in the month of july.
5	Paddy (Zero tillage sown DSR)	Weed infestation is major problem but controlled by weedicides
6	Wheat (Varietal + Zero Tillage)	Highest yielding variety i.e. HD-2967 along with zero-tillage and 1st week of Novemebr sowing gave markedly higher yield
7	Paddy (Weed Management)	Bispyribac Sodium has been found effective if sprayed 2-3 leaf stages of the leaves
8	Pigeonpea	Highly remunerative and instrumental in maintaining soil fertility
9	Paddy (SSP)	Bumper crop due to sulphur present in SSP

Extension and Training activities under FLD

SL.No.	Activity	No. of activities organized	Number of participants	Remarks
1.	Field days	11	484	
2.	Farmers Training	6	129	
3.	Media coverage	4	Mass	
4.	Training for extension functionaries			

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2017 and Rabi 20117-18:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained in Demo. (q/ha)	%age yield increase over Check
1.	Lentil	Arun	16.16	HUL- 57 + Rhizobium culture + Zero-tillage + Propiconazole	58	20	19.96	23.51
2.	Chickpea	Local	13.9	GNG-1581 + Rhizobium culture + Zero-tillage + Insecticides (Profenofos + Cypermethrin)	41	10	17.94	29.06
3.	Rai	Local	16.2	Rajendra Suflam + Zero-tillage + sulphur + Imidaclorprid	79	40	21.11	30.31
4.	Pigeon pea	Malviya-13	15.19	LRG-41 + Rhizobium culture + Insecticides (Profenofos + Cypermethrin)	34	10	19.15	26.07

B. Quality Photographs of field visits/field days and technology demonstrated.

CFLD on Rai Var. Rajendra Sufalam

CFLD on Gram Var. GNG-1581

C. FLD photographs

FLD on Wheat Var. HD 29 67 + Zero tillage

FLD on sugarcane + Rajmash intercropping system

3.3 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	2	50	1	51	3	1	4	0	0	0	53	2	55
Resource Conservation Technologies	1	26	1	27	3	0	3	0	0	0	29	1	30
Cropping Systems	1	28	0	28	2	0	2	0	0	0	30	0	30
Crop Diversification													
Integrated Farming	1	28	1	29	2	1	3	0	0	0	30	2	32
Water management													
Seed production													
Nursery management													
Integrated Crop Management	1	25	0	25	5	0	5	0	0	0	30	0	30
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													
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(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													

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													
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	1	25	0	25	3	2	5	0	0	0	28	2	30
Piggery Management													
Rabbit Management													
Disease Management	1	30	0	30	5	0	5	0	0	0	35	0	35
Feed management													
Production of quality animal products													
Others, if any Goat farming	1	10	5	15	10	5	15	0	0	0	20	10	30
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	25	25	0	5	5	0	0	0	0	30	30
Design and development of low/minimum cost diet	1	0	26	26	0	4	4	0	0	0	0	30	30
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	21	21	0	4	4	0	0	0	0	25	25
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts	1	0	30	30	0	5	5	0	0	0	0	35	35

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
Capacity building													
Women and child care	1	0	20	20	0	10	10	0	0	0	0	30	30
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	3	90	4	94	10	3	13	0	0	0	100	7	107
Integrated Disease Management	3	80	4	84	13	5	18	0	0	0	93	9	102
Bio-control of pests and diseases	1	20	5	25	2	3	5	0	0	0	22	8	30
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													

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
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
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 (Pl. Specify)													
TOTAL	**21**	**412**	**143**	**555**	**58**	**46**	**104**	**0**	**0**	**0**	**470**	**189**	**659**

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	24	1	25	2	2	4	0	0	0	26	3	29
Bee-keeping	1	20	2	22	8	0	8	0	0	0	28	2	30
Integrated farming	1	22	0	22	8	0	8	0	0	0	30	0	30
Seed production													
Production of organic inputs	1	22	4	26	2	2	4	0	0	0	24	6	30
Integrated Farming	1	25	1	26	4	0	4	0	0	0	29	1	30
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	1	0	32	32	0	8	8	0	0	0	0	40	40
Production of quality animal products													
Dairying	1	21	2	23	3	4	7	0	0	0	24	6	30
Sheep and goat rearing	1	25	3	28	5	2	7	0	0	0	30	5	35
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	25	2	27	3	0	3	0	0	0	28	2	30
Ornamental fisheries													
Enterprise development	1	0	25	25	0	5	5	0	0	0	0	30	30

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
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													
Fodder production													
TOTAL	**8**	**137**	**70**	**207**	**24**	**23**	**47**	**0**	**0**	**0**	**161**	**93**	**254**

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	1	35	2	37	3	1	4	0	0	0	38	3	41
Value addition													
Integrated Pest Management	1	24	2	26	5	2	7	0	0	0	29	4	33
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													
Bee keeping													
TOTAL	**2**	**59**	**4**	**63**	**8**	**3**	**11**	**0**	**0**	**0**	**67**	**7**	**74**

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	3	70	2	72	7	2	9	0	0	0	77	4	81
Resource Conservation Technologies	3	130	6	136	10	4	14	0	0	0	140	10	150
Cropping Systems	1	27	1	28	2	1	3	0	0	0	29	2	31
Crop Diversification													
Integrated Farming													
Water management	1	33	1	34	2	0	2	0	0	0	35	1	36
Seed production	1	25	0	25	4	0	4	0	0	0	29	0	29
Nursery management	1	25	4	29	5	2	7	0	0	0	30	6	36
Integrated Crop Management	2	60	2	62	2	1	3	0	0	0	62	3	65
Fodder production													
Production of organic inputs	1	23	3	26	2	2	4	0	0	0	25	5	30
DSR	1	24	0	24	4	0	4	0	0	0	28	0	28
Others													
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													
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(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													

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
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	1	25	1	26	5	1	6	0	0	0	30	2	32
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management	1	25	0	25	4	0	4	0	0	0	29	0	29
Feed management	2	63	0	63	5	2	7	0	0	0	68	2	70
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	0	25	25	0	3	3	0	0	0	0	28	28
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1	0	29	29	0	5	5	0	0	0	0	34	34
Minimization of nutrient loss in processing	1	0	24	24	0	6	6	0	0	0	0	30	30
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development	1	0	20	20	0	5	5	0	0	0	0	25	25
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													

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
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	3	90	4	94	7	3	10	0	0	0	97	7	104
Integrated Disease Management	3	85	5	90	8	2	10	0	0	0	93	7	100
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides	2	50	6	56	3	6	9	0	0	0	53	12	65
Biological Control	3	70	10	80	5	9	14	0	0	0	75	19	94
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													

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													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
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 (Pl. Specify)													
TOTAL	**33**	**825**	**143**	**968**	**75**	**54**	**129**	**0**	**0**	**0**	**900**	**197**	**1097**

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													
Bee-keeping													
Integrated farming	1	20	3	23	0	3	3	0	0	0	20	6	26
Seed production	1	24	0	24	6	0	6	0	0	0	30	0	30
Production of organic inputs	1	22	4	26	8	4	12	0	0	0	30	8	38
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	1	19	3	22	5	3	8	0	0	0	24	6	30
Sheep and goat rearing	1	30	1	31	6	1	7	0	0	0	36	2	38
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													

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
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	1	0	20	20	0	5	5	0	0	0	0	25	25
Rural Crafts													
Others, if any													
TOTAL	**7**	**137**	**31**	**168**	**33**	**16**	**49**	**0**	**0**	**0**	**170**	**47**	**217**

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	1	46	2	48	5	3	8	0	0	0	51	5	56
Integrated Nutrient management	1	27	3	30	2	1	3	0	0	0	29	4	33
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	1	24	7	31	1	1	2	0	0	0	25	8	33
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	**3**	**97**	**12**	**109**	**8**	**5**	**13**	**0**	**0**	**0**	**105**	**17**	**122**

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
I. Crop Production													
Weed Management	5	120	3	123	10	3	13	0	0	0	130	6	136
Resource Conservation Technologies	4	156	7	163	13	4	17	0	0	0	169	11	180
Cropping Systems	2	55	1	56	4	1	5	0	0	0	59	2	61
Crop Diversification													
Integrated Farming	1	28	1	29	2	1	3	0	0	0	30	2	32
Water management	1	33	1	34	2	0	2	0	0	0	35	1	36
Seed production	1	25	0	25	4	0	4	0	0	0	29	0	29
Nursery management	1	25	4	29	5	2	7	0	0	0	30	6	36
Integrated Crop Management	3	85	2	87	7	1	8	0	0	0	92	3	95
Fodder production													
Production of organic inputs	1	23	3	26	2	2	4	0	0	0	25	5	30
DSR	1	24	0	24	4	0	4	0	0	0	28	0	28
Others, (cultivation of crops)													
TOTAL													
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													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
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(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													

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													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
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													
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	1	25	1	26	5	1	6	0	0	0	30	2	32
Poultry Management	1	25	0	25	3	2	5	0	0	0	28	2	30
Piggery Management													
Rabbit Management													
Disease Management	2	55	0	55	9	0	9	0	0	0	64	0	64
Feed management	2	63	0	63	5	2	7	0	0	0	68	2	70
Production of quality animal products													
Others, if any (Goat farming)	1	10	5	15	10	5	15	0	0	0	20	10	30
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	50	50	0	8	8	0	0	0	0	58	58
Design and development of low/minimum cost diet	1	0	26	26	0	4	4	0	0	0	0	30	30
Designing and development for high nutrient efficiency diet	1	0	29	29	0	5	5	0	0	0	0	34	34
Minimization of nutrient loss in processing	1	0	24	24	0	6	6	0	0	0	0	30	30

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
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	21	21	0	4	4	0	0	0	0	25	25
Enterprise development	1	0	20	20	0	5	5	0	0	0	0	25	25
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts	1	0	30	30	0	5	5	0	0	0	0	35	35
Capacity building													
Women and child care	1	0	20	20	0	10	10	0	0	0	0	30	30
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	6	180	8	188	17	6	23	0	0	0	197	14	211
Integrated Disease Management	6	165	9	147	21	7	28	0	0	0	186	16	202
Bio-control of pests and diseases	1	20	5	25	2	3	5	0	0	0	22	8	30
Production of bio control agents and bio pesticides	2	50	6	56	3	6	9	0	0	0	53	12	65
Biological Control	3	70	10	80	5	9	14	0	0	0	75	19	94
Others, if any													
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													

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													
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													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	**54**	**1237**	**286**	**1523**	**133**	**100**	**233**	**0**	**0**	**0**	**1370**	**386**	**1756**

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	1	24	1	25	2	2	4	0	0	0	26	3	20
Bee-keeping	1	20	2	22	8	0	8	0	0	0	28	2	30
Integrated farming	2	42	3	48	8	3	11	0	0	0	50	6	56
Seed production	1	24	0	24	6	0	6	0	0	0	30	0	30
Production of organic inputs	2	44	8	52	10	6	16	0	0	0	54	14	68
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													

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
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	0	32	32	0	8	8	0	0	0	0	40	40
Production of quality animal products													
Dairying	2	40	5	45	8	7	15	0	0	0	48	12	60
Sheep and goat rearing	2	55	4	59	11	3	14	0	0	0	66	7	73
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	25	2	27	3	0	3	0	0	0	28	2	30
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	1	0	20	20	0	5	5	0	0	0	0	25	25
Rural Crafts													
Enterprise development	1	0	25	25	0	5	5	0	0	0	0	30	30
Fodder production													
TOTAL	**15**	**274**	**101**	**375**	**57**	**39**	**96**	**0**	**0**	**0**	**331**	**140**	**471**

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	1	35	2	37	3	1	4	0	0	0	38	3	41
Integrated Pest Management	2	70	4	74	10	5	15	0	0	0	80	9	89
Integrated Nutrient management	1	27	3	30	2	1	3	0	0	0	29	4	33
Rejuvenation of old orchards													
Value addition													

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	1	24	7	31	1	1	2	0	0	0	25	8	33
Gender mainstreaming through SHGs													
Crop intensification													
Bee keeping													
TOTAL	**5**	**156**	**16**	**172**	**16**	**8**	**24**	**0**	**0**	**0**	**172**	**24**	**196**

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

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 PF/RY/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.																	
2.																	
3.																	
4																	

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

Name of Extension Activites	**No. of activities**	**Beneficiaries**		
		Male	**Female**	**Total**
Field Day	11	468	16	484
Kisan Mela (participated)	1	Mass		
Kisan Ghosthi	11	545	36	581
Lectures delivered as resource persons	19	1015	90	1105
Scientific visit to farmers field	231	787	18	805
Farmers visit to KVK	918	907	11	918

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	162
Radio talks	
TV talks	
Popular articles	
Extension Literature	
Other, if any	

3.5 Production and supply of Technological products

Village seed

Sl.No	Crop	variety	Quantity of seed (q)	Value (Rs)	Provided to number of farmers

KVK farm

Sl. No.	Crop	Variety	Area (ha)	Expected seed production (q)	Type of Seed
1.	Rice	R. Bhagwati	1.63	10q	F/S
2.	Wheat	HD- 2967	3.46	93q	F/S
3.	Lentil	HUL-57	6.94	35 q	F/S
4.	Rai	R. Sufalam	3.06	35q	T/F
5.	Arhar	Bahar	2.02	12q	F/S

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Provided to number 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			
Total			

Production of livestock materials

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

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

Item	Title	Authors name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
International conference on Sustainability of smallholder Agriculture in Developing Countries under Changing Climatic Scenario at CS Azad University of Agriculture & Technologies, Kanpur during 16 Feb., 2018	Performance of Short & Long Duration varieties under Different sowing Schedules on Growth, Yield Attributes and yield of Wheat	Rajeev Kumar Srivastava, S.N. Singh, K.M. Singh, R.K. Malick and Anurag		
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

S. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training on Soil testing	One week training on Soil testing for KVK personnel	Rajeev Kumar Srivastava,Sneha & Anshuman Dwivedi	3-10 Jan., 2018	Department of Soil Science, Dr. RPCAU., Pusa

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

1. Integrated Farming System Is Sustainable & Gives Profit

Sri Jai Shankar Kumar, Village – Tetari, Block- Dandari, Begusarai, aged 48 years, is a progressive and innovative farmer and is a post graduate (chemistry). Total cultivable land available with the family is approximately 4 ha. Earlier, he used to grow conventional crops like rice, maize, wheat as well as coarse grains, but the low monetary returns induced his family to search options for better returns.

Jai Shankar attended various trainings/ awareness programmes/ camps and interacted with the scientists of Krishi Vigyan Kendra, Begusarai. He was convinced by Integrated Farming System to address his problem. He integrated with technical backstopping of KVK on Fishery, horticulture, animal husbandary, vermi-compost, birds rearing and agronomical crops under Integrated Farming line. He established a fish pond over an area of about 0.5 ha. In same pond, he is also doing pearl farming in fresh water. Looking at his interest and dedication in vermi-compost production, Department of Agriculture, Govt. of Bihar provided him financial support in tune of Rs. 25 Lakh for large scale vermi-compost production and he is currently producing more than 3000 Metric tons of vermi-compost per annum. Besides, Department of Horticulture supported him with poly house and other inputs for off season vegetable cultivation and raising of seedlings for early supply in the market. Krishi Vigyan Kendra, Begusarai, supported him technically in all his endeavors. Scientists of KVK, Begusarai give suggestion for improvement and up gradation of his IFS model.

The annual family income which was hovering around Rs.27000/month i.e 3.24 lakh/year earlier, has improved exponentially with the integration of fishery, vermi- compost, horticulture, pearl farming, birds, to Rs.1.08 lakh /month i.e 12.96 lakh/year. KVK, Begusarai is using his services as Mentor Trainer for rural youth of the district. His farm is Instrumental in facilitating exposure visit to farmers as “role model” but in words of Sri Jai Shankar “Dedication makes farmer distinct from others”.

2. Prosperity with Sugarcane

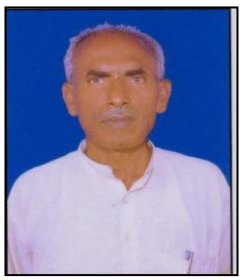
Sri Vinay Kumar, Village & Block- Chhaurahi (Begusarai), is a progressive farmer with experience as sugarcane grower but with old technique of sugarcane cultivation earlier production and income was not good with sole crop. **,**

During 2010-11, on suggestion of K.V.K. scientists for intercropping in sugarcane, an additional net income from intercrop turmeric was Rs. 25980/ha with net return of Rs. 114705/ha from main crop. Then scientists trained him for growing the sugarcane by transplanting the seedlings of sugarcane in the main field after raising them in nursery. By this method of cultivation in 2012-13, his net income reached up to Rs. 156480/ha from sugarcane and intercrop fetched net income of Rs. 46200/ha.

In conventional sugarcane cultivation a set bears three buds, on the other hand in bud chip method single bud are taken by hand operated cutting machine and used in nursery for raising. In nursery, vermi-compost and paddy husk were mixed in equal proportion and one third of perforated glass or tray is filled with mixture then buds placed, eventually buds are covered by same mixture. In order to maintain the optimum moisture level to achieve maximum sprouting of buds water is sprayed in nursery. After 6-8 days, sprouting of buds is observed.

According to Sri Vinay Kumar, with adoption of this technology of sugarcane cultivation along with intercrops his production and income has increased**.** Higher yield in sugarcane was attributed from higher no. of tillers/ plant with more girth of plants. During 2015-16, his net income was to the tune of Rs. 236100/ha along with Rs. 42875/ha from intercrops. The new technique of sugarcane cultivation increased his net income by 105.8% as compared to conventional method. Sri Vinay Kumar work is a good example for fellow farmers to follow.

3. Papaya Cultivation For High Remuneration



Sri Mahendra Prasad Verma, Aged – 58, resident of Village Bagban, Block- Bakhri came to KVK in the year 2010 under suffering for soil health. His income from paddy and wheat from 2.0 acres of land was not profitable. KVK advised him for papaya cultivation but he was not confident about his success in papaya cultivation in the soils having pH >8.6.

The Scientists of KVK suggested him all corrective measures and advised him to start papaya cultivation with variety Red Lady-786 using Phospho-gypsum and Biofertilizers with vermi-compost after participation in various training programmes conducted by KVK on Papaya.

With gaining confidence, he started papaya cultivation in 2.0 acres of his land and with frequent monitoring of K.V.K Scientists and his dedicated work, he got outstanding results. A bumper crop with heavy load of papaya fruits attracted a large number of farmers and also the District Horticulture Officer, Begusarai too. He earned net profit of Rs.8,15,000.00 from his 2.0 acres of land. He is now taking part as resource person in different programmes organized by KVK and with other organizations as master trainer on papaya cultivation. He has now started intercropping of maize in papaya to make it more remunerative recording lower attack of papaya ring spot virus disease which is major bottleneck in papaya cultivation.

He is confident in papaya cultivation and playing a great role in the expansion of areas under papaya in the district. Several farmers of nearby blocks are producing papaya under his guidance and getting good returns. He sells papaya in local market as well as markets of the other states viz; West Bengal, Jharkhand, Uttar Pradesh etc.

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

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

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

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

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

Sl. No	Name of the Equipment	Qty.
1.	Mrida Parikshak Kit	1 set

3.11.b. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Sample analysis	25 collected			6250
Soil Sample analysis				
Total				6250

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

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

3.14. RAWE programme - is KVK involved?

No of student/ARS trained	No of days stayed

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

Date	**Name and Designation**	**Purpose of visit**
29 August, 2017	Hon'ble MP of Begusarai Dr. Bhola Singh,	New India Manthan: Sankalp Se Siddhi
05 December, 2017	Minister of Social welfare, Smt. Manju Verma, Govt. of Bihar Ex. Sugarcane minister Sri Ashok Kumar Govt. of Bihar	Celebration of World Soil Day
17 March, 2018	Ex. Sugarcane minister Sri Ashok Kumar Govt. of Bihar	Live telecast of address of Hon'ble P.M.

4.0 IMPACT

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

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

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

4.2 Cases of large scale adoption
(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

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	

4.5 Details 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	

4.6 Any other initiative taken by the KVK

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA	Training, FLD, OFT, Advisory services
DISTRICT AGRICULTURE OFFICE	Training
DISTRICT HARTICULTURE OFFICE	Training, Supply of planting materials
NABARD	Club formation, members of monitoring team
JEEVIKA	Formation of SHG, Training

5.2. List of special programmes undertaken during 2016-17 by 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

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.									
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	

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

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

6.4 Performance of instructional farm (livestock and fisheries production)

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

6.5 Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6 Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

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
Main Account	UCO Bank	Khodawandpur	09990100004023
Revolving Account	UCO Bank	Khodawandpur	09990100003877

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

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

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

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

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

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

7.5 Utilization of KVK funds during the year 2017-18 (Not audited)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances			
3	Contingencies			
A				
B				
C				
D				
E				
F				
G				
H				
I				
J				
TOTAL (A)				
B. Non-Recurring Contingencies				
1				

2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2014-15				
2015-16				
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.

7.7 Details of marketing channels created for the SHGs

7.8. Special programme on Food and Nutrition :

7.9. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	Both

8. Initiative taken towards organic farming by the KVK (area brought under organic farming, crops cultivated through organic means and other relevant information)

9. Other information

9.1. Prevalent diseases in Livestock/Crops/Fishery

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

9.2. Nehru Yuva Kendra (NYK) Training

Title of the training	Period	No. of the participant	Amount of Fund

programme					Received (Rs)
	From	To	M	F	

9.3. PPV & FR Sensitization training Programme

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

9.4.a SMS PORTAL Date of start of functioning of SMS portal								
No. of messages	No. of calls	No. of farmers covered	Types of messages (No.)					
			Crop	Livestock	Weather	Marketing	Awareness	Other

9.4.b Information in uploading KVK Portal by KVKs during 2017-18

Sr. No.	*Name of item/ events/ component*	*Uploading status (Yes/No)*	*No. uploaded*	*Remarks, if any*
1	KVK Profile	Yes		
2	Employee details	Yes		
3	Post	Yes		
4	Finance	No		
5	Soil Health Card	No		
6	Appliance	No		
7	Crops	Yes		
8	Resources	No		
9	Fish	No		
10	Past events	No		
11	Future/ upcoming events	No		
12	Facilities available at KVKs	No		
13	Package and practices			
14	Crop	No		
15	Livestock	No		
16	Fishery	No		
17	Horticulture	No		
18	CFLD on Pulses			
19	2017-18	Yes		
20	CFLD Oilseeds			
21	2017-18	Yes		

9.5 Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken

9.6 Observation of National Science day

Date of Observation	Activities undertaken

9. 7.Programme with Seema Suraksha Bal (BSF)

Title of Programme	Date	No. of participants

9.8 Agriculture Knowledge in rural school:

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

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

Name of the programme	Date on which conducted	Number of participants		Name of public representative	Details of awareness created and other programmes organized
		Farmers	Others		
New India Manthan: Sankalp Se Siddhi	29 August, 2017	300	25	Hon'ble M.P. of BegusaraiDr. Bhola Singh and other Public and Line departments representative	Create awareness among the farmers and extension personnel about advance technologies and various scheme of Govt.
Celebration of World Soil Day	05 December, 2017	350	15	Minister of Social welfare, Smt. Manju Verma, Govt. of Bihar Ex. Sugarcane minister Sri Ashok Kumar Govt. of Bihar	Create awareness among the farmers and extension personnel about Soil health management

Live telecast of address of Hon'ble P.M.	17 March, 2018	357	14	Ex. Sugarcane minister Sri Ashok Kumar Govt. of Bihar and others	Live telecast of address of Hon'ble P.M.

9.10. 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	**Begusarai**					

9.11. 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

9.12. 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 technology and technology products	Personal contact by the Service Sectors with the responsible person of KVK/ATIC			

9.13. Community Radio Station

Date of establishment:

Amount of fund received year wise :

Source of fund:

Achievements:

Sr. no	Community Radio Stations (CRS)	No of programmes in the year	Total broadcast hrs in a month	Please specify details of the broadcasts
A.	Agricultural broadcasts • Talks/interviews/discussions with experts, PG students/ and farmers on Agricultural technologies • 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.			

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

9.15 HRD programmes organized by the KVK

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

9.16. Revenue generation:

SL.No.	Name of Head	Income(Rs.)	Sponsoring agency

SL.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.			
2.			
3.			

9.17. Resource Generation:

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

9. 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

10. Details of TSP Project

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

Physical achievements under TSP during 2016-17

Programmes	**Physical achievements 2016-17**
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
Others (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

Fund received under TSP in 2016-17:---------- lakh

11. PROGRESS REPORT OF NICRA KVK (Technology Demonstration component) 2016-17
(**Applicable for KVKs identified under NICRA)**

Natural Resource Management

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

				benefitted	

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

12. Information on NFDB Funded Capacity building programme during 2016-17

Sl. No.	Name of capacity	Duration (days)	Date of programme	Fund (Rs.) sanctioned	No. of Farmers	Remarks, if any

	building training programme			by NFDB, Hyderabad	trained	
1						
2						
Total						

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

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

Economic of Demonstration

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

14. 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

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

16. List of 5000 farmers with mobile number and Aadhar card number (only soft copy to be enclosed)

17. Number of commodity based organizations/ farmers' cooperative society formed during last one year (Details of the group/society may be indicated)
18. Any other programme organized by KVK not covered above