PROFORMA FOR ANNUAL REPORT 2018-19 (April 2018 to March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
K.V.K., Sheohar	09631945519		head.kvk.sheohar@rpcau.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Dr.R.P.C.A.U, BIHAR,PUSA (SAMASTIPUR)	06274-240226	06274-240255	vc@rpcau.ac.in

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
Dr. Ram Niwas Singh		09631945519	head.kvk.sheohar@rpcau.ac.in

1.4. Year of sanction of KVK: **March 2006**

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head					-	-	-
2	Subject Matter Specialist	Dr. Ram Niwas Singh	SMS Plant Protection	Plant Pathology	79800-199200 & 107200	03.04.2001	Permanent	Others
3	Subject Matter Specialist	Dr. S. K. Thakur	SMS Plant Protection	Nematology	68900-172100 & 101200	08.11.2018	Permanent	Others
4	Subject Matter Specialist	Dr. Rajendra Prasad	SMS Agronomy	Agronomy	57700-182400 & 95300	11.06.2009	Permanent	Others
5	Subject Matter Specialist	Er. Manoj Kumar	SMS Agril. Engg.	FM & POWER	57700-182400 & 77500	13.06.2009	Permanent	Others
6	Subject Matter Specialist	Ashutosh Kumar	SMS Hort. Vegetable	Horticulture	56100-177500 & 56100	31.12.2018	Permanent	Others
7	Subject Matter Specialist	-	-	-		-	-	-
8	Programme Assistant	Saroj Kumar Yadav	Programme Assistant (Lab. Tech.)		35400-112400 & 36500	29.05.2018	Permanent	Others
9	Computer Programmer	-	-	-		-	-	-
10	Farm Manager	-	-	-		-	Permanent	Others
11	Accountant / Superintendent	Sri Vineet Kumar	Assistant	-	35400-112400 & 36500	21.10.2017	Permanent	OBC
12	Stenographer	Sri Kamlesh Kumar	Stenographer	-	25500-81100 & 26300	19.02.2018	Permanent	OBC
13.	Driver			-				
14.	Driver			-				
15.	Supporting staff							
16.	Supporting staff			-				
				-				

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.0
2.	Under Demonstration Units	Nil
3.	Under Crops	4.0
4.	Orchard/Agro-forestry	0.2
5.	Others with details	Nil
	Total	**5.2**

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					Yes	525	Use	ICAR
2.	Farmers Hostel				Yes		305	Not	ICAR
3.	Staff Quarters (6)					Yes		Use	ICAR
4.	Piggery unit	Not yet							
5	Fencing						Yes		
6	Rain Water harvesting structure	Not yet							
7	Threshing floor	-	-	-	-	Damaged	15x16 sq m	Not	ICAR
8	Farm godown	Not yet							
9.	Dairy unit	Not yet							

10.	Poultry unit	Not yet							
11.	Goatary unit	Not yet							
12.	Mushroom Lab	Not yet							
13.	Mushroom production unit	Not yet							
14.	Shade house	Not yet							
15.	Soil test Lab	Not yet							
16	Others,Please Specify	Not yet							

* 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 Jeep	2006	440525	202723	Running
Tractor	2006	334500	1471	Running
Motorcycle (BR55B/0852)	2016	50338	2611	Running
Motorcycle (BR55B/0853)	2016	50338	2729	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Metal Cabinet	05.12.2014	4725.00	Running	ICAR
Imprison digital	05.12.2014	13250.00	Running	ICAR
b. Farm machinery				
-	-	-	-	-
c. AV Aids				
HP-DX-2280 (INI 703537)	2007	32000.00	Out of order	ICAR
HP-MT-1000 (CN 64133070)	2007	6800.00	Out of order	ICAR
HP-15 LCD monitor (CN 631QFM8)	2007	3950.00	Running	ICAR
HP-SJ-2400P (CN-67CSR2FD)	2007		Out of order	ICAR
Laser Jet-1020 (CNCKS 17291)	2007		Out of order	ICAR
SONY Cyber Shot DSLR-A 200	14.02.2009	24990.00	Running	ICAR
L.C.D Projector	11.09.2013	73100.00	Running	ICAR
Step liger 5kv	05.06.2014	10000.00	Running	ICAR
Inverter	02.12.2013	14537.00	Running	ICAR
Battery	02.12.2013	5238.09	Running	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
MF 1035 DIT	2006	328738	Running	ICAR
MF-14 disc harrow	2006	21635	Running	ICAR
MFMB Plough (4 furrow)	2006	16058	Running	ICAR
Hydraulic trailer Ajanta made	2006	62500	Running	ICAR
Cultivator 9/11	2006	9423	Running	ICAR

Cage wheel	2006	5192	Running	ICAR
Leveler	2006	7692	Running	ICAR
Viking tractor drown reaper	2011	57750	Running	ICAR
Cultivator -11tyne	2012	-	Running	ICAR
Rotavator	2012	-	Running	ICAR
Zero tillage multi crop seed cum fertilizer drill	2006	22000	Out of order	_
Zero tillage multi crop seed cum fertilizer drill (DTSD-T9)	2011	39480	Out of order	_
Gator Machine	2013	4950	Running	ICAR
Tractor operated Winnower	2015	19300	Running	Revolving

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.	05.07.2018	35	i) An on farm trial on gummosis disease in mango be conducted in farmers' fields of Darbhanga district	Action has been started	-
			ii) Priority should be given on technology based demonstration under FLD programme.	Action has been taken	-
			iii) Sugarcane based intercropping with potato should be promoted.	Action has been taken	-
			iv) Programme with NGO and other line departments should be taken	Action has been taken	-

** 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 (2018-19)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Crop based farming system,Horticulture based system,Vermiculture ,Organic farming system
2	Agro-climatic Zone	The climate of this zone is characterised by three distinct season i.e cool –dry winter, hot dry summer and warm wet rainy season having tropical humid to sub humid type. The average rainfall in the district ranges from 1000 to 1300 mm per annum. Average relative humidity in the morning and evening is 90 and 60 percent respectively. The land of this zone is alluvial plains having sandy loam to clay loam light in texture with neutral to alkaline in reaction (PH 7-8.5) and salt concentration is low to high. Most of the soils are very low to medium in organic carbon, available P_2O_5 and K_2O contents. The Soil district is deficient in Zinc (66%),boron (38%) and sulphur (25%) respectively

3	Agro ecological situation	**Upland-** Sandy loam soil, flat topography, easy in tillage operation, water table medium. **Mid land –**Loamy in texture, flat topography, low water holding capacity, water logging for a shorter period. **Chaur land-**Heavy soil, clay loam in texture, tillage a bit difficult, high water table.
4	Soil type	**Sandy loam**- Light soil, pH 7.8-8.5, low fertility status, deficient in P, K, Zn, Fe, S and B with low organic carbon. **Loam**-Medium soil, pH 8.0-8.5, low to medium fertility status, deficient in P, K, Zn, Fe, B and S, low in organic carbon. **Clay loam**-Medium to heavy texture, pH 7-8.5, low to medium fertility status, deficient in P, Zn and S with low in organic carbon
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	**Crops** **Productivity (Kg /ha)** Wheat- 3100 Maize- 5200 Paddy- 3600 Lentil- 1157 Moong- 860

		Mustard- 675 Sugar Cane- 45000					
6	Mean yearly temperature, rainfall, humidity of the district	Yearly Mean (April-2018) to March-19	Temperature (0°C)		R. H. (%)		Rainfall
			Max.	Min.	7 AM	2 PM	
			37.26	**21.86**			**0.46**
			35.9	**26.93**			**0.83**
			32.16	**26.09**			**12.29**
			33.00	**26.00**			**06.35**
			32.13	**24.87**			**03.80**
			31.61	**20.26**			**0**
			28.63	**14.83**			**0**
			24.52	**10.71**			**0.03**
			22.87	**09.45**			**0.13**
			26.25	**11.86**			**0.43**
			29.87	**16.90**			**0.13**
			37.20	**21.87**			**0.23**
7	Production of major livestock products like milk, egg, meat etc.	NA					

Note: Please give recent data only

2.b. Details of operational area / villages (2018-19)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Sheohar	Dumari Katsari	Jahangirpur	Maize, Paddy, Wheat, Wheat-Moong	Low Productivity, Traditional varieties	Suitable improved variety
		Sheohar	Kothia	Paddy-Wheat, Vegetable Mustard - Moong	Pest diseases, Low Productivity, varieties	Seed treatment, IPM,IDM Suitable variety/impleme
		Sheohar	Tajpur	Paddy-Wheat-Moong Paddy –Sugarcane Maize-wheat	Pest & diseases Varieties	ICM & IPM, INM
		Sheohar	Madhopur Ananat	Papaya disease management vermicompost production technique see production of wheat	Pest diseases low productivity	IPM, IDM, Variety
		Sheohar	Khairwadarp	Paddy- Wheat, Moong Paddy- Sugarcane Paddy –Maize	Variety	ICM & IPM , INM, improved implement
		Tariyani	Rajadih,	Paddy-Wheat, Vegetable Mustard – Moong	varieties	ICM & IPM, INM, improved implement
		Tariyani	Narwara	Paddy-Wheat, Vegetable Mustard – Moong	varieties	ICM & IPM, INM, improved implement

		Piprahi	Harpur	Paddy-Wheat, Sugarcane Mustard - Moong	Low land varieties	ICM & IPM, INM
		Piprahi	Kuama	Paddy-Wheat, Sugarcane Mustard - Moong	varieties	ICM & IPM, INM
		Piprahi	Mahuawa,	Paddy-Wheat, Sugarcane Mustard - Moong	varieties	ICM & IPM, INM
		Purnahiya	Bakhar Chandiya	Paddy-Wheat, Sugarcane Mustard - Moong	varieties	ICM & IPM, INM

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2018-19) for its development and action plan

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

Name of village	Block	Action taken for development
Khairwadarp, Madhopur Ananat	Sheohar (PC)	FLD, OFT, off campus training, Kisan Gosthi , Field Visit & Field day, Advisory services
Meenapur Balha	Piprahi (SMS, Agril. Engg.)	FLD, OFT, off campus training, Kisan

		Gosthi , Field Visit
Kothiya	Sheohar (SMS, Agro.)	FLD, OFT, off campus training, Kisan Gosthi , Field Visit & Field day

2.1 Priority thrust areas

S. No	Thrust area
1.	Promotion of use of new cultivar of different crops in place of traditional varieties.
2.	Promotion of use of IPM and INM for sustainable agriculture.
3.	Promotion of horticultural crops.
4.	Promote integrated fish farming system by managing the tank/pond for Singhara cum fish cultivation increasing the productivity of pond/tank.
5.	Promotion of Agri.-base enterprises i.e. Apiculture, vermin -compost and nursery management Honey bee rearing.
6.	Promotion of seed village programme to ensure availability of quality seed at local level and at reasonable price.
7.	Promotion of Animal Husbandry/Livestock
8.	Promotion of use of new cultivar of different crops in place of traditional varieties.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievement of mandatory activities by KVK during the year

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T

Training											Extension activities										
Number of Courses		Number of Participants									Number of activities		Number of participants								
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement							
			SC		ST		Others		Total					SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
	Paddy (R. Bhagwati- 76.80) Wheat (HD2733- 77.00q) Lentil (KLS218- 7.02q)		

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

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	02		02	5.54	5.37		
Seminar/conference/ symposia papers	02						
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							

Extension Pamphlets/ literature	03						
Technical reports	05	1000					
Electronic Publication (CD/DVD etc)	02						
TOTAL							

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On Farm Trial	Potentiality of Sugarcane based intercropping system
2.	Problem diagnosed	Sole crop sugarcane planting is less remunerative
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	T.O.1- Farmers practice: Sole crop of Sugarcane T.O.2: Sugarcane + Potato T.O.3: Sugarcane + Potato + Bottle-gourd T.O.4:Sugaarcane + Lentil
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr. RPCAU, Pusa
5.	Production system and thematic area	Crop production
6.	Performance of the Technology with performance indicators	Yield, cane equivalent yield (CEY) and BCR.
7.	Final recommendation for micro level situation	Sugarcane grown with potato and bottle gourd proves most profitable intercropping system.

8.	Constraints identified and feedback for research	Farmers feel this intercropping is highly remunerative.
9.	Process of farmers participation and their reaction	Training, Krishak Ghosthi and Field visit

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T_1	5					860	77500	258000	180500	3.32
T_2	5					835	91000	336000	245000	3.69
T_3	5					822	96000	378000	282000	3.90
T_4	5					915	89500	322000	232000	3.59
CD at 5%						38.40				

Results: Sugarcane grown with potato and bottle gourd proves most profitable intercropping system.

OFT-2

1.	Title of On Farm Trial	Management of stalk- rot of maize in kharif season
2.	Problem diagnosed	Heavy reduction of yield of yield due to attack of bacterial stalk rot of maize
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	T.O.1-Farmers Practice: Two times application of nitrogenous fertilizer T.O.2: Seed treatment with 0.01% Streptocycline solution T.O.3: Spray of Streptocycline @ 0.01% + Copper oxychloride @ 0.03% at 10 days before tasseling stage T.O.4:Application of bleaching powder @ 25 kg/ ha at 10 days before tasseling stage
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr. RPCAU, Pusa
5.	Production system and thematic area	Maize, Wheat- Plant protection
6.	Performance of the Technology with performance indicators	Disease incidence, Yield

7.	Final recommendation for micro level situation	Spray of Streptocycline @ 0.01% + copper oxychloride @ 0.03% at 10 days before tasseling stage was found most effective to reduce the disease incidence and to harvest maximum yield of kharif maize.
8.	Constraints identified and feedback for research	Farmers feel difficulty in application of pesticide in spray mode.
9.	Process of farmers participation and their reaction	Training, Krishak Ghosthi and Field visit

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T_1	5				45.20	23.25	22000	40106	18106	1.82
T_2	5				37.20	25.87	22350	44625	22275	1.99
T_3	5				13.00	33.62	24000	57994	33994	2.42
T_4	5				22.50	30.16	23050	52026	28976	2.25
CD at 5%					8.26	3.31				

Results: Spray of Streptocycline @ 0.01% + copper oxychloride @ 0.03% at 10 days before tasseling stage was found most effective to reduce the disease incidence and to harvest maximum yield of kharif maize.

OFT-3

1.	Title of On Farm Trial	Effect of chemical pesticides on gummosis of mango
2.	Problem diagnosed	Death of mango plants in orchard
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	T.O.1-Farmers Practice: Without application of chemicals T.O.2: Carbendazim 50 WP @ 0.15 in spray mode T.O.3: Copper oxychloride 50 WP @ 0.5% + Streptocycline 90% + Tetracycline 10% @ 0.01% in a spray mode T.O.4:Thiophanate methyl 70 WP @ 0.2% in spray mode
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr. RPCAU, Pusa
5.	Production system and thematic area	Mango orchard Plant protection
6.	Performance of the Technology with performance indicators	Disease incidence and disease intensity
7.	Final recommendation for micro level situation	Application of Copper oxychloride 50 WP @ 0.5 % + Streptocycline 90% + Tetracycline 10% @ 0.01% in a spray mode was found most effective for management of gummosis disease of mango

8.	Constraints identified and feedback for research	Spray mode of fungicidal application easier than painting method.
9.	Process of farmers participation and their reaction	Training, Krishak Ghosthi and Field visit

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T_1	5				90.72					
T_2	5				30.10					
T_3	5				16.39					
T_4	5				26.15					
CD at 5 %					5.81					

Results: Application of Copper oxychloride 50 WP @ 0.5 % + Streptocycline 90% + Tetracycline 10% @ 0.01% in a spray mode was found most effective for management of gummosis disease of mango by having minimum percent disease incidence (16.39%).

OFT-4

1.	Title of On Farm Trial	Performance evaluation of weeding tools and weedicide in rabi maize
2.	Problem diagnosed	Heavy loss of yield in maize due to weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	T.O.1-Farmers Practice: Weeding by spade T.O.2: Weeding by KVK, Sheohar Grubber T.O.3: Chemical weed management by Atrazine 50% WP @ 1.5 kg/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr. RPCAU, Pusa
5.	Production system and thematic area	Mechanized weed management in row crops
6.	Performance of the Technology with performance indicators	Field capacity, Weed mortality, Yield , BCR.
7.	Final recommendation for micro level situation	Sheohar grubber is best for weeding in rabi maize
8.	Constraints identified and feedback for research	Sheohar grubber is highly useful in reducing labour requirement

9.	Process of farmers participation and their reaction	Training, Krishak Ghosthi and Field visit

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T_1	6					71.80	43800	93340	51620	2.13
T_2	6					74.25	40600	96525	55925	2.37
T_3	6					65.10	37200	84630	47430	2.27
CD at 5%	6					4.78				

Results: Yield obtained in plots weeded by Sheohar grubber is statistically at par with the yield of farmer's practice but superior to the yield obtained in plots applied with atrazine

Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

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			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	Crop production	Rajendra Bhagwati	10.00 ha	8.40 ha	2	-			24	-	26		26	
2.															
3.															
4.															

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Paddy	Kharif	Irrigated	Sandy loamn	198	48	215	Maize, Wheat	23 July 18	16Oct 18		

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy	Crop[production	R. bhagwati	26	8.4	41.25	36.40	13.32			26200	71569	45369	2.73	25900	63154	37254	2.43
Mango	IPM	Boron 20%	5	2.5	131	85	46			34000	157200	123200	4.62	25200	102000	76800	4.04
Kharif Maize	Application of small agricultural tools	KVK Sheohar Grubber	50	25	42	34	8			22000	63000	41000	2.86	25550	51000	25450	1.99
		Total															

Livestock

Category	Thematic Area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	

Cow																		
Buffalo																		
Poultry																		
Rabbitry																		
Piggery																		
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										
Green gram										
Black gram										
Bengal gram										
Red gram										

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

Sl. No	Crop	Feed Back

Extension and Training activities under FLD

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

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2018 and Rabi 2018-19:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Green gram	Local	7.0	-130	150	-900	Pusa Vishal	48	20.0	9.0	8.0	8.5	16.66	70	53.12
2.	Lentil	BR-25	8.80	-20	-392	-160	HUL-57	100	30.0	15.5	9.5	12.5	14.56	42.70	49.00
3.	Mustard	Local	8.5	80	-178	-780	R. suflam	69	20.0	16.00	12.00	14.00	76.00	59.06	83.52

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	Pusa Vishal	16000	36575	20575	2.28	16500	44412	27912	2.9
2.	Lentil	21000	39380	18380	1.87	22000	55938	33938	2.54
3.	Mustard	18000	35700	17700	1.98	18500	58800	40300	3.17

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Man-days/household)
1.	Pusa Vishal	21500	2100	-	-	16500	Meeting their day to day need	Motivated rural youth towards farming
2.	Lentil	37500	37000			500	Meeting their day to day need	Motivated rural youth towards farming
3.	Mustard	28000	27500			300	Meeting their day to day need	Motivated rural youth towards farming

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
3.	Variety	Suitable for farming system	Grain size and colour prefer by farmer	All farmers can afford	Uptill date now received	Yes	Timely distribution of seed and technical support

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
High yielding variety	Very good	For better than local check	Farmers response is very good
Taste	Very good	For better than local check	Response of farmers are very positive

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Field day**	**23.01.2019 , 13.02.2019, 14.02.2019, 27.02.2019, 05.03.2019**	**166**

G. Sequential good quality photographs (as per crop stages i.e. growth & development)

H. Farmers' training photographs

I. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total			

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	1	30	3	33	8	-	8	-	-	-	38	3	41
Resource Conservation Technologies	1	25	-	25	13	-	13	-	-	-	38	-	38
Cropping Systems	1	18	4	22	17	-	17	-	-	-	35	4	39
Crop Diversification													
Integrated Farming													
Water management	1	25	-	25	2	-	2		-	-	27	-	27
Seed production	1	27	1	28	10	-	10	-	-	-	37	1	38
Nursery management													
Integrated Crop Management													
Fodder production	1	26	-	26	2	-	2	-	-	-	28	-	28
Production of organic inputs	1	24	-	24	2	-	2	-	-	-	26	-	26
Others, (cultivation of crops)	1	20	2	22	4	2	6	-	-	-	24	4	28
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	1	20	2	22	5	1	6	-	-	-	25	3	28
Nursery raising	1	18	4	22	4	2	6	-	-	-	22	6	28
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	40	2	42	2	-	2	-	-	-	42	2	88
Use of Plastics in farming practices	3	30	-	30	15	-	15	-	-	-	45	-	135
Production of small tools and implements	2	35	2	37	10	-	10	-	-	-	45	2	47
Repair and maintenance of farm machinery and implements	3	45	2	47	4	-	4	-	-	-	49	2	135
Small scale processing and value addition													
Post-Harvest Technology	2	45	2	48	3	-	3	-	-	-	48	2	50
Others, if any													
VII. Plant Protection													
Integrated Pest Management	6	24	-	24	5	-	5	-	-	-	29	-	174
Integrated Disease Management	7	25	-	25	5	-	5	-	-	-	30	-	210
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
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	**35**	**477**	**24**	**501**	**111**	**5**	**116**				**588**	**29**	**617**

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	-	65	65	-	24	24	-	-	-	-	89	89
Bee-keeping	1	45	3	48	4	1	5	-	-	-	49	4	53
Integrated farming	1	60	5	65	5	3	8	-	-	-	65	8	73
Seed production	1	60	10	70	6	4	20	-	-	-	66	14	80
Production of organic inputs													
Integrated Farming													
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	1	35	-	35	15	-	15	-	-	-	50	-	50
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**5**	**200**	**83**	**283**	**30**	**32**	**62**	**-**	**-**	**-**	**230**	**115**	**345**

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	2	42	4	46	2	-	2	-	-	-	44	4	48
Value addition													
Integrated Pest Management	2	42	4	46	2	-	2	-	-	-	44	4	48

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Nutrient management	2	42	-	42	8	-	8	-	-	-	50	-	50
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	1	50	8	58	10	-	10	-	-	-	60	8	68
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	44	4	48	4	-	4	-	-	-	48	4	52
Gender mainstreaming through SHGs													
TOTAL	**8**	**220**	**20**	**240**	**26**		**26**	**-**	**-**	**-**	**246**	**20**	**266**

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	1	24	-	24	16	-	16	-	-	-	40	-	40
Resource Conservation Technologies	2	22	1	23	2	-	2	-	-	-	24	1	25
Cropping Systems	2	21	1	22	2	1	3	-	-	-	23	2	25
Crop Diversification	1	24	10	34	4	-	4	-	-	-	28	10	38
Integrated Farming													
Water management	2	24	2	26	8	1	9	-	-	-	32	3	35
Seed production	2	24	3	27	4	-	4	-	-	-	28	3	31
Nursery management													
Integrated Crop Management	2	24	2	26	2	2	4	-	-	-	26	4	30
Fodder production													
Production of organic inputs	2	25	5	30	7	10	17	-	-	-	30	12	42
Others, (cultivation of crops)	2	25	12	33	10	3	13	-	-	-	35	15	50
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													

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
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													
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													

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
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	75	18	93	27	7	34	-	-	-	102	25	127
Use of Plastics in farming practices	2	77	10	87	27	-	13	-	-	-	104	10	114
Production of small tools and implements	3	65	20	87	-	9	9	-	-	-	65	29	94
Repair and maintenance of farm machinery and implements	2	64	16	70	24	-	24	-	-	-	78	16	94
Small scale processing and value addition													
Post-Harvest Technology			-			-		-	-	-		-	
Others, if any													
VII. Plant Protection													
Integrated Pest Management	2	38	5	43	8	2	10	-	-	-	46	7	106
Integrated Disease Management	3	18	8	26	12	-	12	-	-	-	30	8	76
Bio-control of pests and diseases	2	20	10	30	8	-	8	-	-	-	28	10	38
Production of bio control agents and bio pesticides	2	29	14	43	5	3	8	-	-	-	34	17	102
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													

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
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
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	**34**	**599**	**137**	**736**	**166**	**41**	**207**				**765**	**178**	**943**

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	1	22	2	24	4	-	4	-	-	-	26	2	28
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming	2	28	2	30	3	-	3	-	-	-	31	2	33
Planting material production													
Vermi-culture	2	30	2	32	-	-	-	-	-	-	30	2	32

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
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production	2	25	5	30	5	2	7	-	-	-	30	7	37
Repair and maintenance of farm machinery and implements	4	51	4	55	3	2	5	-	-	-	54	6	60
Nursery Management of Horticulture crops	2	20	2	22	4	2	6	-	-	-	24	4	28
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	**13**	**176**	**17**	**193**	**19**	**6**	**25**				**195**	**23**	**218**

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	2	38	2	40	2	-	2	-	-	-	40	2	42
Integrated Pest Management	2	67	2	69	2	-	2	-	-	-	69	2	71
Integrated Nutrient management	1	55	2	43	-	-	-	-	-	-	55	2	57
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													

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 for ICT application													
Care and maintenance of farm machinery and implements	1	65	2	67	-	-	-	-	-	-	65	2	67
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	**6**	**225**	**8**	**219**	**4**		**4**				**229**	**8**	**237**

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	2	72	2	74	21	-	21	-	-	-	93	2	95
Resource Conservation Technologies	2	47	1	48	15	-	15	-	-	-	62	1	63
Cropping Systems	1	18	2	20	17	-	17	-	-	-	35	2	37
Crop Diversification	1	39	10	49	4	-	4	-	-	-	43	10	53
Integrated Farming	1	42	2	44	8	1	9	-	-	-	50	3	53
Water management	2	73	4	77	14	-	14	-	-	-	87	4	91
Seed production													
Nursery management	2	50	5	55	10	-	10	-	-	-	60	5	65
Integrated Crop Management	1	40	2	42	2	-	2	-	-	-	42	2	44
Fodder production													
Production of organic inputs	1	46	9	55	12	5	17	-	-	-	58	14	72
Others, (cultivation of crops)	2	54	12	66	14	7	21	-	-	-	68	19	87
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	2	30	9	39	10	7	17	-	-	-	40	16	56
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													

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 (Cultivation of Vegetable)													
TOTAL	**2**	**30**	**9**	**39**	**10**	**7**	**17**	**-**	**-**	**-**	**40**	**16**	**56**
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													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nutrient 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)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	4	75	18	93	17	7	24	-	-	-	92	42	134
Use of Plastics in farming practices	4	109	12	116	16	-	16	-	-	-	120	12	132
Production of small tools and implements	4	82	15	97	15	8	23	-	-	-	97	23	120
Repair and maintenance of farm machinery and implements	2	89	18	107	28	-	28	-	-	-	117	18	135
Small scale processing and value addition													
Post-Harvest Technology	2	32	-	32	8	-	8	-	-	-	40	-	40
Others, if any	2	28	5	33	12	1	13	-	-	-	40	6	46
TOTAL	**21**	**415**	**68**	**478**	**96**	**16**	**112**				**506**	**101**	**884**
VII. Plant Protection													
Integrated Pest Management	5	78	5	83	12	2	14	-	-	-	90	7	97
Integrated Disease Management	5	45	8	53	12	17	29	-	-	-	57	25	82
Bio-control of pests and diseases	4	68	12	80	24	-	24	-	-	-	92	12	104
Production of bio control agents and bio pesticides	3	60	14	74	18	3	21	-	-	-	78	17	95

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													
TOTAL	**22**	**251**	**39**	**290**	**66**	**22**	**88**	**-**	**-**	**-**	**317**	**61**	**706**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
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													

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
XII. Others (Pl. specify)													
TOTAL	**69**	**1076**	**161**	**1237**	**277**	**46**	**323**	**-**	**-**	**-**	**1353**	**207**	**1560**

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	5	22	4	26	4	3	7	-	-	-	26	7	53
Bee-keeping													
Integrated farming	6	77	10	87	17	4	21	-	-	-	94	14	105
Seed production	2	19	2	21	5	-	5	-	-	-	24	2	26
Production of organic inputs	2	45	2	47	8	1	9	-	-	-	53	3	56
Planting material production													
Vermi-culture	4	68	8	76	5	-	5	-	-	-	73	8	81
Sericulture													
Protected cultivation of vegetable crops	4	30	3	33	5	1	6	-	-	-	35	4	39
Commercial fruit production	2	25	5	30	5	2	7	-	-	-	30	7	37
Repair and maintenance of farm machinery and implements	4	76	7	83	8	4	12	-	-	-	84	11	95
Nursery Management of Horticulture crops	2	45	2	47	9	2	11	-	-	-	54	4	58
Training and pruning of orchards													
Value addition	2	31	5	36	3	-	3	-	-	-	34	5	39
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													

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
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	**18**	**406**	**100**	**506**	**49**	**8**	**57**	**-**	**-**	**-**	**455**	**108**	**563**

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	2	80	6	86	4	-	4	-	-	-	84	6	90
Integrated Pest Management	3	109	6	115	4	-	4	-	-	-	113	6	119
Integrated Nutrient management	1	41	2	43	-	-	-	-	-	-	41	2	43
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	2	100	10	110	10	-	10	-	-	-	110	10	120
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	44	4	48	4	-	4	-	-	-	48	4	52
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	**14**	**445**	**28**	**459**	**30**	**-**	**30**	**-**	**-**	**-**	**475**	**28**	**503**

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	
Mushroom Production		Technique	05	17	29	46`	-	-	22	
Bee Keeping		Technique	05	39	04	43	-	-	04	
Seed production		Technique	04	33	06	39	-	-	06	

*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	
	Kharif Mahotsav	Crop production	May 2018	1	P/F	1	105	06	-	04	02	-	109	08	-	117	District level
	Kharif Mahotsav	Crop production	May 2018	1		1	90	05	-	03	02	-	93	07	-	100	District level
	Kharif Mahotsav	Plant protection	May 2018	1		1	97	04	-	09	03	-	106	07	-	113	ATMA, Sheohar
	Kharif Mahotsav	Plant protection	May 2018	1		1	94	05	-	06	05	-	99	10	-	109	ATMA, Sheohar
	Kharif Mahotsav	Agril. Engg.	May 2018	1		1	99	07	-	03	02	-	102	09	-	111	ATMA, Sheohar
	Farmers Scientist Interaction		Sep 201`8	1		1	88	05	-	05	02	-	93	07	-	100	District level
	Rabi Mahotsav	Crop production	Oct. 2018	1		1	91	04	-	08	04	-	99	08	-	107	ATMA, Sheohar
	Rabi Mahotsav	Crop production	Oct. 2018	1		1	96	05	-	07	04	-	103	09	-	112	ATMA, Sheohar
	Rabi Mahotsav	Plant protection	Oct. 2018	1		1	93	07	-	06	04	-	99	11	-	110	ATMA, Sheohar

	Rabi Mahotsav	Agril. Engg.	Oct. 2018	1		1	95	01	-	08	03	-	103	04	-	107	ATMA, Sheohar
	Rabi Mahotsav	Agril. Engg.	Oct. 2018	1		1	90	06	-	07	02	-	97	08	-	105	District level
	Farmers Scientist Interaction		March 2019	1		1	87	05	-	08	07	-	95	12	-	107	District level

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	04	125	07	132	-	-	-	-	125	07	132
Kisan Mela	01	88	-	88	-	-	-	-	88	-	88
Kisan Ghosthi	02	76	05	81	-	-	-	-	76	05	81
Exhibition											
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons	14	1388	25	1413					1388	25	1413
Advisory Services											
Scientific visit to farmers field		112	-	112	-	-	-	-	112	-	112
Farmers visit to KVK		1785	192	1977	-	-	-	-	1785	192	1977
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Scientist, Farmers and Extension	02	155	33	188	-	-	-	-	155	33	188

Functionaries Interface meeting											
Agri mobile clinic											
Soil test campaigns											
Pradhan Mantri Kisan Samman Nidhiu Programme	01	99	26	125	-	-	-	-	99	26	125
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify) Soil day	01	78	22	100	-	-	-	-	78	22	100
Sankalp Se Siddhi											
Swachhta Hi Sewa	01	40	06	46	-	-	-	-	40	06	46
Mahila Kisan Divas	01	-	39	39	-	-	-	-	-	39	39
Any Other (Specify)											
Total	27	3946	355	4301					3946	355	4301

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	-
TV talks	01
Popular articles	
Extension Literature	03
Other, if any Research paper	02

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided			
Wheat	HD2733	77.00			SC	ST	Other	Total
Lentil	KLS218	7.02						
Paddy	R. bhagwati	76.80						
Total		160.82						

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Grand Total							

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
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 benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Others, please specify.						
Total						

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks							
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

3.5. b. Seed Hub Programme - ***"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"***

i) Name of Seed Hub Centre:

Name of Nodal Officer :	
Address :	
e-mail :	
Phone No.: Mobile :	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2018						
Rabi 2018-19						
Summer/Spring 2019						

iii) Financial Progress

Fund received (2016-17, 2017-18 and 2018-19)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper	Status of papaya viral disease incidence during kharif, rabi and summer seasons in Begusarai district of north Bihar	Ram Niwas Singh *et al*	01	
	Management of	Ram Niwas Singh	01	

	damping off disease of papaya seedlings in nursery	*et al*		
Seminar/conference/ symposia papers	Status of papaya viral disease incidence during kharif, rabi and summer seasons in Begusarai district of north Bihar Management of damping off disease of papaya seedlings in nursery	Ram Niwas Singh *et al* Ram Niwas Singh *et al*	01 01	
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Soybean ki kheti Dhan ki seedhi buayee Papita ki rog prababandhan			
Technical reports	Annual Report, Action Plan Report, Monthly Report, Quarterly Report, Cluster Demonstration Report, SAC meeting Report & Skill development Report etc.	Ram Niwas Singh *et al*	37	
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:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Summer School	Business incubation and value chain integration for doubling of farmer's income	Er. Manoj Kumar, SMS Agril. Engg., KVK, Sheohar	13 Aug 2018	BAU, Sabour
2.	Training	IPM training for field functionaries of Bihar & Jharkhand	Dr. S. K. Thakur, SMS Nematology, KVK, Sheohar	26-28 Feb. 2019	BAU, Ranchi
3.	Model Training Course	Advanced Technological Interventions for Livelihood Improvement of Resource Poor	Dr. Saroj Kumar Yadav, Laboratory Technician, KVK, Sheohar	22-29 Nov. 2018	ICARRCER, Patna

4.	HRD Training	Recent Advances in Farm Management	Dr. Saroj Kumar Yadav, Laboratory Technician, KVK, Sheohar	11-13 Feb. 2019	DOEE, BAU, Sabour
5.					
6.					
7.					

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

Name of farmer	Sri Alok Kumar Singh
Address	Villate-Khairwa darp, Block-Sheohar Dist-. Sheohar
Contact details (Phone, mobile, email Id)	9430648703
Landholding (in ha.)	10
Name and description of the farm/ enterprise	Intercropping of Sugarcane + Potato
Economic impact	Earned net profit of Rs. 979500.00 from acres Sugarcane + Potato inter cropping
His accept ability as Sugarman is farming community	
Environmental impact	Enrichment of soil
Horizontal/ Vertical spread	Medium spread of this technology

Village- Khairba darp, Block-Sheohar, District- Sheohar, Sate-Bihar

1. Name of the State: Bihar
2. Name of KVK: Sheohar
3. Area of intervention (Mention only):
(i) Crop Science (Crop production, improved technology application and intercropping quality seed production, crop diversification and cultivation of high-value crops)

Improved technology application & intercropping in Sugarcane

4. Title of the technology: Sugarcane cultivation through improved techniques and intercropping with potato.

5. Agro-ecology, Farming Situation Analysis with Problem Statement (not more than 150 words):

Type of land:- Up land and mid land, Soil type:- Sandy loam and loam, PH- neutal to alkaline, Soils are low to medium in organic carbon.

Analysis of problem statement:

(i) Traditional method of Sugarcane cultivation

(ii) Imbalance use of fertilizer,

(iii) Improper use of fungicide & insecticide,

(iv) Improper use of weedicide,

(v) Unawareness about the use of agricultural improved implements & tools.

6. Brief Description of Technology, Justification Including Innovation, if any, Implementation and Support (not more than 150 words):

CoP-2061 variety of sugarcane having high cane yield, better juice quality, more ratooning potential and resistance to insect pests and diseases was used in field of Sri Alok Kumar Singh. Paired row plantation of Sugarcane through trench method at a distance of 120 cm was adopted by him for better interception of light and also to maintain optimum plant population. Paired row sowing of potato variety K Pokhraj with early bulking character was done as an intercrop to increase productivity aswell as the profitability. Sugarcane seedling production through single bud method was also adopted to maintain the optimum plant population in main crop as well as in ratoon crop through gap filling. Sugarcane seed treatment by carbendazim @0.1%integrated with chlorpyriphos @0.3% was practiced by Sri Alok Kumar Singh.

7. Impact Analysis:

Impact factor	Before Adoption	After Adoption
Farmer Practice	Traditional method	Improved scientific method
Yield of Product	480q/ha	900/ha
Fixed Cost	-	-
Recurring Cost	72000	115000
Gross Income	139200	441500
Net Profit	67200	326500
B:C Ratio	1.93	3.8
Marketing	Sugarcane factories at Riga	Sugarcane factories and progressive farmers
Dissemination of knowledge in the locality	3%	27%
Knowledge gain based on 1- 5 scale*	2	4
Feeling of economic security based on 1- 5 scale*	2	4
Ability to understand and solve problems based on 1- 5 scale*	2	4
Self image in community based on 1- 5 scale*	3	4

Self confidence based on 1- 5 scale*	4	5

* 1- 5 scale indicates 1 = lowest and 5 = highest

8. Benefits (Economical and Social) (not more than 150 words):

These practices resulted in a bumper crop of sugarcane with higher yield and income which multiplied Alok's farm output considerably. He got a net profit of 9,79,500 lakhs from 7 acres of land by cultivating intercropping of sugarcane variety CoP 2061with potato in scientific mode. The demand of sugarcane is high due to sugarcane factories situated near to his farm at Riga. He also sold some of the sugarcane as seed because this variety CoP 2061 became the first choice by the farmers in the district. Early uprooting of potato and selling in the market also remunerated him additionally. After getting handsome income he built own house and admitted his son in convent school. Today he is known as sugarman of this district and many farmers follow the path of Sri Alok Kumar Singh.

9. Adoption, Spread, Up Scaling of Technology and Future Projection (not more than 150 words):

A. Adoption & spread of technology

The farmers community observes about technical, Social and economical empowerment of Sri Alok Kumar and adopting the technologies applied by Sri Alok Kumar in his field.The following technologies are adopted and spreaded in the farmers fields.

S.No.		Adoption %	Spreaded in Area (ha)
1.	Productivity and production enhancement through potential high yielding variety Cop-206	18	180
2.	Production technologies through single bud seedling production and gap filling in the main field of sugarcane	14	140
3.	Trench method of plantation	21	210
4.	Protection technologies such as sugarcane set treatment method and mode of pesticide application with proper doze & time	32	320
5.	Intercropping with potato	16	160

B. Up Scaling of technology:

(i) Training of farmers, kishan gosthi, workshop, diagnostic visits were organized.

(ii) Availability of quality seed of sugarcane & potato to the farmers.

C. Future projection

1. Development of integrated seed supply system in combination of systems to popularize new varieties of sugarcane and potato through creation of linkages between research institution, Public sector, private sector and farmers needed for mitigating quality seed shortage

2 Development of seed village concept as a tool to bridge the gap between the quality seed requirement & availability of quality seed involving the end users.

10. Relevant, action and attractive, clear, high resolution photographs with proper CAPTION related to success stories

Single bud removal from sugarcane set

Single bud seed treatment of sugarcane

Single bud of sugarcane placement in tray

Farmer Alok Kumar Singh in his Sugarcane field

Intercropping of Sugarcane with potato

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

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

	1)Kanchan Amrit, A botanical pesticide which is prepared by fermenting the neem leaves, Chillies, and dhatura leaves in cow urine and applying against the insect pest management mainly in vegetable crop.	Kanchan Seva Ashram(NGO) & KVK, Sheohar.	
	2)Application of chemical pesticides in perpendicular to row for the management of diseases and insect pest at lower frequency.	Dr. Ram Niwas Singh	
	3) Application of Copper oxychloride @ 0.5% + Streptocycline @ 0.01% in spray mode is highly effective against the management of gummosis in mango.	Dr. Ram Niwas Singh	
	4)Sugarcane based intercropping with potato and cucurbits is highly remunerative to farmers in respect of sole cropping of sugarcane.	Dr.Rajendra Prasad	

3.9. a. 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)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1.	Paddy wheat	Grain storage container made-up of bamboo phatti pasted with the mixture of soil, cow dung	Grain storage
2.	Tomato, Cauliflower, Chillies	Vegetable seedlings coverage with broad leaves like caster leaf just after planting of seedling	For saving of seedlings against drying

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

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

Sl. No	Name of the Equipment	Qty.
1.	Mrida Parichhat soil testing lab	01

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	World Soil Day	100	5	Representative of Hon'ble MP and others	41	41

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/ FET programme - is KVK involved? (Y/N)

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
05/07/2018	Dr. K .M. Singh, Director, Extension Education, RPCAU, Pusa	Scientist Advisory Committee Meeting
05/07/2018	Dr. Brajesh Shahi, Nodal Officer KVKs, Extension Education, RPCAU, Pusa	Scientist Advisory Committee Meeting
05/07/2018	Shri Pramod Kumar, DDM, NABARD	Scientist Advisory Committee Meeting
29.01.19	Shri S. K. Jha, PD ATMA	Chief Guest in Interface meeting
08.03.19	Shri S. K. Jha, PD ATMA & Shri A. K. Jha, RSETI	Chief Guest Guest of Honour in Womens day

4. 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)
Vermi-compost production	37	15		
Mushroom Cultivation	89	32		
Green Manuring	112	31		
Zero Tillage	75	26		
Seed Production	66	14		
Grubber	82	42		

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
Vermi-compost production	40 units
Mushroom Cultivation	51 units
Green Manuring	325 ha
Zero Tillage	150 ha
Seed Production	24 ha
Grubber	275
Management of Stalk rot of maize	322 ha
Management of gummosis in mango	77 ha

Give information in the same format as in case studies

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of innovations recorded by the KVK

Thematic area	Vermicompost production
Name of the Innovation	Decomposition of agricultural wastage by waste decomposers and production of vermicompost
Details of Innovator	Sri Sanjay Kumar Sharma, Vill+Po- Madhopur Anant, Block-Sheohar, Distt.-Sheohar.
Back ground of innovation	Enrichment of soil with organic fertilizer
Technology details	Agricultural wastage in bulk decomposed very rapidly through utilization of waste decomposers. Helping in production of good quality of vermicompost.
Practical utility of innovation	Availability of organic fertilizers by locally agricultural waste materials.

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Poultry production
Name & complete address of the entrepreneur	Sri Ratneshwari pd.Rai Vill+po.- Tajpur,Sheohar
Role of KVK with quantitative data support:	SMS from sitamarhi KVK & BAHO called for training.
Timeline of the entrepreneurship development	Started in 2013
Technical Components of the Enterprise	Use of low iron water, Double layering of litters and use of paper cutting in chicks.
Status of entrepreneur before and after the enterprise	Earning Rs 3 lakh/ annum.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Excellent economic viability of the enterprise.
Horizontal spread of enterprise	2-3 farmers have adopted in that area.

4.6. Any other initiative taken by the KVK

1. Scientist & Farmer Interaction
2. Scientist, Farmers and Extension Functionaries Interface meeting
3. Swachhta Pakhwara
4. Farmers Day
5. Soil Day
6. Mahila Diwas
7. Pradhan Mantri Kisan Samman Nidhi Programme

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Deptt. Of Agriculture Govt. of Bihar	Training & Technology transfer
NABARD	Training & SHG formation
ATMA	Training & Technology transfer
NGOs	Training & Transfer of technology

5.2. List of special programmes undertaken during 2018-19 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.)

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
CFLD (Pulses and Oilseeds)	Technology transfer	Rabi-2018-19 Summer-2019	ICAR	
Pradhan Mantri Kisan Samman Nidhi Programme	Awareness Programme	24.02.2019	ICAR	
Soil Day	Awareness Programme	05.12.2018	ICAR	
Swachhta Pakhwara	Awareness Programme	16.12.2018 to 31.12.2018	ICAR	

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/bred	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	
Wheat	8 Nov-20 Nov		3.0	HD2733	F/S	77.00			

	2018								
Lentil	12 Nov to 21 Nov. 2018		1.0	KLS218	F/S	7.02			
Paddy	15 June to 19 June 2018		2.0	R. bhagwati	F/S	76.			

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 have been completed: Yes
No. of staff quarters:06
Date of completion:10.04.2013

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
4 Staff quarters occupied from December 2014	Dr. R. N. Singh	Dr. R. Prasad	Dr. S. K. Yadav	Shri Vineet Kumar		

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current (Main A/C)	S.B.I, Sheohar	Zero Mile, Patel Chowk, Sheohar	11469257135
Saving (R/F)			33304427751

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Mustard		45600		8000	37600

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	
Lentil		337500		98710	155038
Green gram				83752	

7.4. Utilization of KVK funds during the year 2018-19 (Not audited)

Sl. No.	particulars	Sanctioned (Rupees in Lakh)	Released (Rs. In Lakhs)	Expenditure (Rs. In Lakhs)
A.	Recurring Contingencies			
1	Pay & Allowances	55.00	51.7917	58.77870
2	TA	1.00		1.68820
3. Contingencies				
a	Stationery, Telephone, Postage and other office charges POL, Repair of vehicle, tractor and equipment	4.00		9.33723
b	Training of farmers			0.46860
c	Training materials (Posters, Charts, demonstration material including chemical etc. required for conducting the training.	2.50	6.5	0.34790
d	Training of Extension functionaries			0.05964
	Training of Rural			0.38220

	Youth			
e	Frontline demonstration other than Pulses and Oilseeds	0.50		0.24710
f	On Farm Testing (On need Based, Location specific and newly generated information in the major production system of the year)	0.75		0.14488
g	Soil & Water testing lab	0.00		0.00
h	Maintenance of Building	0.50		0.17085
I	Extension activities/Exhibition, KisanMela etc.	0.45		0.39990
J	TSP Cont.	0.00		0.00
k	HRD	0.30		0.07
L	Swachhta Expenditure	0.14	0.14	0.07
M.	PMKSY-PDMC	1.00	1.00	0.98738
***	Refund of excess grant under General head			6.25499
	TOTAL-A	66.14	59.4317	79.40757
B.	Non-Recurring Contingencies			
1	Works			
2	Vehicle			
3	Equipments & furniture	3.50	3.50	0.00
4	Lib.			
5	IT			
6	Furniture			
	TOTAL-B	3.50	3.50	0.00
C.	Revolving Fund	0.00		
GRAND TOTAL (A+B+C)		69.64	62.9317	79.40757

7.5. 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)
2015-16	159495	253733	347192	66036
2016-17	66036	417696	273600	210132
2017-18	210132	449748	138950	520930
2018-19	520930	353708	284238	590400

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
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Kharif Workshop	05	Kharif	-	05	05
Rabi Abhiyan	05	Rabi	-	05	05
Kishan Mela	02	Kharif	-	02	02
Kihsan Gosthi	01	Kharif	-	01	01

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Sheath Blight	Paddy	August-2017	102	14.50	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Bacterial stalk rot	Maize	August-2017	231	43.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Yellow vein mosaic virus	Moong	May-2017	55	60.50	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Leaf curl	Chilly & Tomato	May-2017	15	37.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Bunchy top of Banana	Banana	Year round	5	5.70	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Late Blight	Potato	January-2018	47	45.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Rust Diseases	Lentil	January-2018	61	38.72	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Top Borer	Sugar cane	March-2018	40	15.80	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Gummosis	Mango	April-17	35	87.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Black tip	Mango	May-17	35	25.00	Field visit and diagnostic services given by the scientists

					of KVK, Sheohar

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. *mKisan* Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop		
Livestock		
Fishery		
Weather		
Marketing		
Awareness		
Training information		
Other		
Total		

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
16.12.2018 to 31.12.2018	17

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas	06	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	03	
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	03	
8. Swachhta Workshops		
9. Swachhta Pledge	02	
10. Display and Banner	01	
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	02	
14. No of Staff members involved in the activities	11	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	**28**	

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

Give good quality 1-2 photograph(s)

9.9. Details of '*Pre-Rabi Campaign'* Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Doordarshan (Yes/ No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

9.10. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Sri Shive chandar Sahni	Malipokhar	Cereals

		Bhinda , Sheohar Malipokhar	
2	Sri Shivenarayan Sah	Bhinda , Sheohar Malipokhar	Cereals
3	Sri Narayan Sahni	Bhinda , Sheohar	Cereals
4	Sri Nagendra Sah	Bishahi , Sheohar	Cereals
5	Md. Khalikuzzama	Tajpur , Sheohar	Cereals
6	Sri Vijay Kumar Singh	Khairwadarp, Sheohar	Cereals
7	Sri Sunil Kumar Singh	Khairwadarp , Sheohar	Cereals
8	Sri Alok Kumar Singh	Khairwadarp, Sheohar	Sugarcane
9	Umashankar Tirvedi	Bisunpur, Sheohar	Cereals
10	Sri Ratneshchand Trivedi	Bisunpur, Sheohar	Cereals
11	Sri Ranjeet Kumar	Madhopur Anant, Sheohar	Vegetable
12	Sri Ratneshwar prasad rai	Tajpur, Sheohar	Poultry
13	Sri Guddu Kumar	Kothia, Sheohar	Vegetable
14	Uday prakash Kushwa	Kothia, Sheohar	Vegetable
15	Sri Rakesh Kumar	Harnahi, Sheohar	Cereals
16	Sri Rajeev Kumar	Harnahi, Sheohar	Cereals
17	Sri Onkarnath Singh	Kahtarwa, Sheohar	Cereals
18	Sri Sunil Kumar Singh	Pradesia, Sheohar	Cereals
19	Sri Sudhir Kumar Singh	Pradesia, Sheohar	Cereals
20	Sri Gaurishankar Prasad	Mirjapurdhobahi, Sheohar	Cereals
21	Sri Rajesh Kumar	Kushar, Sheohar	Mushroom
22	Sri Prabhunath Pandey	Mirjapurdhobahi, Sheohar	Cereals
23	Sri Gaurishankar Trivedi	Bisunpu, Sheohar	Cereals
24	Sri Ramkripal Sharma	Harnahi, Sheohar	Cereals
25	Sri Gaurishankar Mahto	Kothia, Sheohar	Vegetable
26	Sri Arun Kumar Sharma	Kuma, Piprahi	Sugarcane & Forestry
27	Sri Ramchadra Singh	Ratnapur, Piprahi	Medicinal plant
28	Sri Chandan Kumar Singh	Amba Dakshani, Piprahi	Sugarcane
29	Sri Kirpasindhu	Naya Gown, Piprahi	Cereals
30	Md. Kutbuddin	Mahuawa, Piprahi	Cereals
31	Md. Samim	Mahuawa, Piprahi	Cereals
32	Sri Denanath Mahto	Harpur, Piprahi	Vegetable
33	Sri Raju Mishra	Narayanpur, Piprahi	Sugarcane
34	Sri Sivendra thakur	Narayanpur	Sugarcane
35	Sri Rambabu singh	Belwa, Piprahi	Sugarcane
36	Sri Gagan dev Manjhi	Dekuli Dharmpur, Piprahi	Cereals
37	Sri Ghanshyam kushwaha	Dekuli Dharmpur, Piprahi	Cereals
38	Sri Shambhu Singh	Kataiya, Piprahi	Vegetable
39	Sri Sujeet bharti	Dekuli Dharmpur, Piprahi	Cereals & Sugarcane
40	Sri Rameshwar Pandey	Dekuli Dharmpur, Piprahi	Cereals
41	Sri Sandip Bharti	Dekuli Dharmpur, Piprahi	Cereals
42	Sri Pankaj Pandey	Dekuli Dharmpur,	Cereals

		Piprahi	
		Dekuli Dharmpur,	
43	Sri Jagdish bharti	Piprahi	Cereals
		Dekuli Dharmpur,	
44	Sri Shivendra Sahni	Piprahi	Cereals
		Naya Gown,	
45	Sri Pramod Tiwari	Piprahi	Cereals
		Amba North,	
46	Md. Fasiuddin	Piprahi	Cereals
47	Sri Mukesh Kumar	Basaiya Shekh	Cereals
48	Sri Sanjay Kumar	Belwa, Piprahi	Vegetable
49	Sri Ravindranath Yadav	Parsauni, Piprahi	Cereals
		Amaba Uttari,	
50	Sri Rana Randhir Singh	Piprahi	Sugarcane
		Jahangir pur,	
51	Sri Alok Kumar Singh	Dumri Katshari	Vegetable
		Jahangirpur,	
52	Sri Rajmagal sing	Dumri Katshari	Cereals
		Jahangirpur,	
53	Sri Akishesh kumar	Dumri Katshari	Cereals
		Jahangirpur,	
54	Sri Basant Kumar	Dumri Katshari	Cereals
		Jahangirpur,	
55	Sri Ramsewak Singh	Dumri Katshari	Cereals
		Jahangirpur,	
56	Sri Jagat Singh	Dumri Katshari	Cereals
		Jahangirpur,	
57	Sri Ashok Kumar Singh	Dumri Katshari	Cereals
		Jahangirpur,	
58	Sri Papu Sah	Dumri Katshari	Vegetable
		Jahangirpur,	
59	Sri Dilip Kumar	Dumri Katshari	Cereals
		Jahangirpur,	
60	Sri Raj Kumar Singh	Dumri Katshari	Cereals
		Jahangirpur,	
61	Sri Ram Ayodhiya Rai	Dumri Katshari	Vegetable
		Jahangirpur,	
62	Sri Umakant Singh	Dumri Katshari	Cereals
63	Sri Sonelal Singh	Jahangirpur	Vegetable
		Jahangirpur,	
64	Sri Bhupnarayan Singh	Dumri Katshari	Cereals
		Jahangirpur,	
65	Sri Santosh Kumar Singh	Dumri Katshari	Vegetable
		Jahangirpur,	
66	Sri Ramkripal Singh	Dumri Katshari	Cereals
		Jahangirpur,	
67	Sri Binod Singh	Dumri Katshari	Cereals
		Jahangirpur,	
68	Sri Ramlal Singh	Dumri Katshari	Cereals
		Jahangirpur,	
69	Sri Deva Singh	Dumri Katshari	Cereals
		Jahangirpur,	
70	Sri Nandlal Singh	Dumri Katshari	Cereals
		Jahangirpur,	
71	Sri Mahesh Singh	Dumri Katshari	Cereals
		Jahangirpur,	
72	Sri Krishna Singh	Dumri Katshari	Cereals
		Jahangirpur,	
73	Sri Rajendra Singh	Dumri Katshari	Cereals
		Bhora, Dumri	
74	Sri Saligram Singh	Katshari	Potato
75	Sri Chandeshwar Thakur	Jahangi pur,	Cereals

76	Sri Umashakar Kuwar	Dumri Katshari Rajadih, Taryani	Potato
77	Sri Harendra Sah	Atkauni, Taryani	Vegetable
78	Sri Schinand Singh	Narwara, Taryani	Cereals
79	Sri Ramdev Sah	Narwara, Taryani	Cereals
80	Sri Ramchandra Sah	Narwara, Taryani	Cereals
81	Sri Ranbir Singh	Narwara, Taryani	Cereals
82	Sri Krishna Kumar	Narwara, Taryani	Vegetable
83	Sri Lalan Kumar Singh	Narwara, Taryani	Cereals
84	Sri Sanjeev Kumar Singh	Narwara, Taryani	Cereals
85	Sri Shankar Bhagat	Narwara, Taryani	Cereals
86	Sri Deepak Sah	Narwara, Taryani	Cereals
87	Sri Ram Nayan Kumwar	Narwara, Taryani	Cereals
88	Sri Lalan Singh	Narwara, Taryani	Cereals
89	Sri Prabhunath Singh	Narwara, Taryani	Vegetable
90	Sri Rajesh Kumar	Khurpatti, Taryani	Vegetable
91	Sri Santosh Kumar	Atkauni, Taryani	Cereals
92	Sri Chandehwar Singh	Bindawan, Taryani	Cereasl
93	Sri Ramashankar Rai	Rajadih, Taryani	Vegetable
94	Sri Rajkishor Rai	Bindawan, Taryani	Vegetable
95	Sri Kapil Sah	Rajadih, Taryani	Vegetable
96	Sri Rajesh Kumar	Rajadih, Taryani	Cereals
97	Sri Rambinod Yadav	Rajadih, Taryani	Cereals
98	Sri Ramprawesh Singh	Rajadih, Taryani	Cereals
99	Sri Gaurishakar Singh	Rajadih, Taryani	Vegetable
100	Sri Gopal Singh	Rajadih, Taryani	Vegetable
101	Sri Bhaskar Kumar	Bokhar Chandiya, Purnahia	Sugarcane
102	Sri Abdhesh Jha	Dostiya, Purnahia	Sugarcane
103	Sri Dhrub Singh	Dostiya, Purnahia	-
104	Sri Parbhat Kumar	Bokhar Chandiya, Purnahia	Cereals
105	Sri Rajeev Kumar Dube	Bokhar Chandiya, Purnahia	Sugarcane
106	sri Narendra Jha	Dostiya, Purnahia	Sugarcane
107	Sri Udaikant jha	Dostiya, Purnahia	Honey bee
108	Sri Pawan Kumar Mishra	-	-
109	Ratneshwar Kumar	Khaira Pahari, Purnahia	-
110	Sri Bisundev Mahto	Dostiya, Purnahia	Cereals
111	Sri Ravindra Sah	Dostiya (Khaira Pahari), Purnahia	Cereals
112	Sri Ram Avadh Tiwari	Basant patti, Purnahia	Sugarcane
113	Sri Amarjeet Kumar	Adauri, Purnahia	Cereals
114	Sri Sohan prasad Singh	Adauri, Purnahia	Cereals
115	Sri Ramchandra Paswan	Adauri, Purnahia	Cereals
116	Sri Ramprsad Singh	Adauri, Purnahia	Sugarcane
117	Sri Shambhunath Singh	Adauri, Purnahia	Sugarcane
118	Sri Maheshwar Singh	Adauri, Purnahia	Sugarcane
119	Sri Drubnarayn Singh	Ashopu, Purnahia	Cereals
120	Sri Pawan Kumar	Brahigagdish, Purnahia	Cereals
121	Sri Shive Kumar Tiwari	Brahigagdish, Purnahia	Sugarcane
122	Sri Naveen Kumar	Bairiya, Purnahia	Cereals
123	Sri Rajeev Kumar Singh	Sanoul, Purnahia	Honey bee

124	Sri Raju Kumar Singh	Sanoul, Purnahia	Honey bee
125	Md. Soyeb Alam	Brahigagdish, Purnahia	Honey bee

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning

9.16. 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

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						
Others (If any)						

11. Details of TSP

a. Achievements of physical output under TSP during 2017-18

Programmes	Physical achievements
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)	
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2017-18 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2017-18

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2017-18

District	***Sub-district***	***No. of Village covered***	***Name of village(s) covered***	***ST population benefitted (No.)***		
				M	F	T

12. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T

Detailed report should be provided in the circulated Perform

13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1.	Fellow of CHAI award	2018	Confederation of Horticulture Association of India	-	Revived and percolated papaya cultivation in Bihar state.
2.	Excellence in Extension award	2018	Agro Environmental Development Society	-	Transferred the technology for the management of gummosis disease in mango

Award received by Farmers from the KVK district

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

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

15. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Sugarcane based intercropping	Sugarcane based intercropping with potato in double row	245000	25	
2					

18. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.218)					
Total					

19. Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)

20. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2017-18 and 2018-19

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							

2017-18							
2018-19							

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2018-19

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

21. Information on NARI Project (if applicable)

Name of Nodal Officer	**No. of OFT on specified aspects**	**Title(s) of OFT**	**No. of FLD on specified aspects**	**No. of capacity development programme on specified aspects**	**Total no. of farm women/ girls involved in the project**	**Details of Issues related to gender mainstreaming addressed through the project**

22. Information on Krishi Kaylan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I and II

A. Training

Name of programme	***No. of programmes***	***No. of farmers benefitted***									***No. of officials attended the programme***
		SC		***ST***		***Others***		***Total***			
		M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I											
KKA-II											

B. Distribution of seed/ planting materials/ input/ others

Name of programme	***No. of Programme***	***Total quantity distributed***				***No. of farmers benefited***									***No. of other officials (except KVK) attended the programme***
		Seed (q)	***Planting material (lakh)***	***Input (kg)***	***Other (kg/ No.)***	***SC***		***ST***		***Others***		***Total***			
						M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I															
KKA-II															

C. Livestock and Fishery related activities

Name of programme	*No. of Programme*	*Activities performed*				*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		No. of animals vaccinated	*No. of animals dewormed*	*Feed/ nutrient supplements provided (kg)*	*Any other (Distribution of animals / birds/ fingerlings) [No.]*	*SC*		*ST*		*Others*		*Total*			
						M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	
KKA-I															
KKA-II															

D. Other activities

Name of programme	*Activities*	*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	
KKA-I	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

No. of villages covered	*No. of animal inseminated*	*No. of farmers benefitted*									*Any other, if any (pl. specify)*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	

23. Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

24. Good quality action photographs of overall achievements of KVK during the year (best 10)

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