

Annual Progress Report (April 2018 - March 2019)



Krishi Vigyan Kendra Manpur, Gaya



भारतीय
ICAR

Directorate of Extension Education



Bihar Agricultural University, Sabour Bhagalpur

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	
Krishi Vigyan Kendra, Manpur, Gaya - 823003			kvkmanpurgaya@gmail.com

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

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

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

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

1.4. Year of sanction of KVK: **F. No. 18-13/94-AE-I Date: 24.03.2006**

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	Dr. S. B. Singh	Chief scientist-cum-Univ. Professor In-Charge Head	Dairy Science	(37400-67000) 71260/-	17-03-1991	Permanent	Others
2	Subject Matter Specialist	Dr. Ashok Kumar	SMS	Extension Education	(15600-39100) 30860/-	08-01-2008	Permanent	OBC
3	Subject Matter Specialist	Sri Devendra Mandal	SMS	Agronomy	(15600-39100) 25080/-	17-04-2012	Permanent	OBC
4	Subject Matter Specialist	Dr. Anil Kumar Ravi	SMS	Vet. Science	(15600-39100) 25080/-	20-04-2012	Permanent	SC
5	Subject Matter Specialist						Vacant	
6	Subject Matter Specialist						Vacant	
7	Subject Matter Specialist						Vacant	
8	Programme Assistant	Smt. Neha	Programme Asstt.(Lab. Tech.)	B. Sc. (Ag)	(9300-34800) 16140/-	02-11-2012	Permanent	OBC
9	Computer Programmer	Dr. Ved Prakash	Programme Asstt. (Computer)	MCA, Ph.D.	(9300-34800) 15670/-	20-05-2013	Permanent	OBC
10	Farm Manager	Sri Mukesh Kumar	Farm Manager	M. Sc.(Ag) (Ext.Edu.)	(9300-34800) 16140/-	30-10-2012	Permanent	OBC
11	Accountant / Superintendent	Sri Prem Kumar Thakur	Assistant	MBA in Finance	(9300-34800) 15670/-	13-04-2013	Permanent	OBC
12	Stenographer	Sri Patwardhan Kumar	Stenographer	MA	(5200-20200) 11510/-	04-07-2013	Permanent	OBC
13.	Driver	Sri Rohit Kumar	Driver	Matric	(5200-20200) 9260/-	22-05-2015	Permanent	OBC
14.	Driver						Vacant	
15.	Supporting staff	Smt. Laxami Devi	Supporting staff	Non-Matric	10267/-(consolidated)		(Outsource)	SC
16.	Supporting staff	Sri Naulesh Kumar	Supporting staff	Matric	10267/-(consolidated)		(Outsource)	SC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.2
2.	Under Demonstration Units	0.3
3.	Under Crops	5.0
4.	Orchard/Agro-forestry	1.7
5.	Others with details	1.8
	Total	10 ha

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					handed Over			ICAR/RAU
2.	Farmers Hostel					handed over			
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing					Only two side (2200 ft) Approx			
6	Rain Water harvesting structure								
7	Threshing floor					Handed Over			
8	Farm godown					Handed Over			RKVY
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit					Complete			ICAR
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify								
	Mali shade					Handed Over			NHM
	Farm Godown					Handed Over			RKVY
	Generator Room					Handed Over			RKVY
	Sale Counter								

* 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 LX 2WD7STR Non AC BS11	2006	458070.00		Not Working
Tractor DIJ MF1035 /Mahashakti	2006	386544.00		Not Working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Steel Dram	2007		Satisfactory	
Godrej Book selves & Almirah	2007		Satisfactory	
Computer with accessories	2007		Satisfactory	
Inverter	2010		Satisfactory	
Index card reader	2010		Satisfactory	
Honey box & Accessories	2011		Satisfactory	
Punch sealer Machine	2011		Satisfactory	
LCD Projector	2011		Satisfactory	
Generator	2011		Satisfactory	
Book self	2011		Satisfactory	
Inverter	2012		Satisfactory	
Exide Battery (2)	2012	37500	Satisfactory	
Computer with accessories	2012	49145	Satisfactory	
Godrej almirah 1, Table 4, Chair 10, Revolving 1, Rack 1	2013	98092	Satisfactory	
Godrej almirah 9	2014		Satisfactory	
Photocopier Machine	2014	75000	Satisfactory	
Biometric based attendance machine	2014	24750	Satisfactory	
Fiber chair & Table	2014		Satisfactory	
Microscope	2014		Satisfactory	
Steel bed	2014		Satisfactory	
Trunk steel	2014		Satisfactory	
Vegetable Processing unit	2014		Satisfactory	
Water Purifier Machine	2014		Satisfactory	
Video Conference Materials	2014		Satisfactory	
Mini Studio Room Materials	2014		Satisfactory	
Motorcycle Hero Passion Pro (2)	2015	120000	Satisfactory	
Exide IT 500 Battery (2)	2016	29000-5000=24000	Satisfactory	
Tyre (3)	2016	15850	Satisfactory	
Ahuja PA Lectern System WSL2500R	2016	38000	Satisfactory	
Map My India Navigator LX140WS	2016	6000	Satisfactory	
Dell Desktop I5/4/1TB computer set (1)	2016	49500	Satisfactory	
Split AC Voltas 5Star with stabilizer (1)	2016	43000	Satisfactory	
Stablizer full copper 5KVA (2)	2016	25000	Satisfactory	
Godrej Kareena High back chair (6)	2016	90717	Satisfactory	
Godrej Insight Table 6'x3' (1)	2016	10337	Satisfactory	
Xerox Photocopier- cum –printer with cartridge, Trolley & stabilizer (1)	2016	98,022	Satisfactory	BAU, Sabour
Computer + Laptop (1+1)	2016	82,583	Satisfactory	BAU, Sabour
CCTV Camera (4)	2016	21,000	Satisfactory	BAU, Sabour
LED Flood Light (1)	2016	6,500	Satisfactory	BAU, Sabour
Projector with Projector Screen + wifi Dongle (1+1)	2016	52,000	Satisfactory	BAU, Sabour
Video Camera Handy cam (1)	2016	82,871	Satisfactory	BAU, Sabour
Sound System Ahuja (1)	2016	30,165	Satisfactory	BAU, Sabour
Water Cooler (Voltas 40/80) (1)	2016	59,500	Satisfactory	BAU, Sabour
Euro Aqua water purifier (1)	2016		Satisfactory	BAU, Sabour
LED TV Panasonic TH-32 C200DX (1)	2016	27,200	Satisfactory	BAU, Sabour
Still Photographic Camera Cannon DSLR (1)	2016	29,600	Satisfactory	BAU, Sabour
External Hard Drive Lenovo Portable F309 1TB (1)	2016	5,600	Satisfactory	BAU, Sabour
Vacuum cleaner (Eureka forbes Trendy) (1)	2016	9,950	Satisfactory	BAU, Sabour
Fire Extinguisher Cylinder 4Kg (1)	2016	9,649	Satisfactory	BAU, Sabour
25 KVA Eicher Jaycee/Diesel Generator Set (1)	2016	3,94,133	Satisfactory	BAU, Sabour

215/75 R15 Tyre (1)	2016	5,350	Satisfactory	KVK, Gaya
Garmin Etrex 20 Handheld GPS (1)	2017	14,451	Satisfactory	KVK, Gaya
HP Printer Laserjet M1005 MFP (1)	2017	14,700	Satisfactory	KVK, Gaya
MicrotekSinewave UPS-SEBZ 1600/24V V2 (1)	2017	6,000	Satisfactory	KVK, Gaya
MicrotekSinewave UPS-SEBZ 1100-V2 (1)	2017	5,500	Satisfactory	KVK, Gaya
HP Scanner 200 Flatbed (1)	2017	4,200	Satisfactory	KVK, Gaya
JIO Router Wifi (1)	2017	2,100	Satisfactory	KVK, Gaya
Exide Tubler Battery Invatall 1500 (1)	2017	15,000	Satisfactory	KVK, Gaya
Honey Well Usha Cooler (5)	2017	61,000	Satisfactory	KVK, Gaya
Sewing Machine(9)	2017	49,900	Satisfactory	KVK, Gaya
Battery XP-800 (1)	2017	5300	Satisfactory	KVK, Gaya
Exide Battery IT500(150Ah) (02)	2017	24400	Satisfactory	KVK, Gaya
Mantra NFS 100 Bio-metric Fingerprint USB (1)	2017	5000	Satisfactory	KVK, Gaya
Table Top (1)	2017	5120	Satisfactory	KVK, Gaya
Pen Stand (1)	2017	832	Satisfactory	KVK, Gaya
Calculator (Casio) (1)	2017	470	Satisfactory	KVK, Gaya
Helmet JADE 21171 (1)	2017	980	Satisfactory	KVK, Gaya
Hero Box 21171 (1)	2017	780	Satisfactory	KVK, Gaya
Wall Watch AO1877 (G) (1)	2017	890	Satisfactory	KVK, Gaya
Wall Watch AO1477 SS(G) (1)	2017	551	Satisfactory	KVK, Gaya
Soil Testing Kit (02)	2018	109536	Satisfactory	KVK, Gaya
Hitachi AC Model RSB318IBEA (02)	2018	90000	Satisfactory	KVK, Gaya
V.Guard Stabilizer Model VWR400 (02)	2018	8000	Satisfactory	KVK, Gaya
4 Drawer Filing Cabinet (02)	2018	37986	Satisfactory	KVK, Gaya
Storewell Minor P. Cain (01)	2018	16240	Satisfactory	KVK, Gaya
b. Farm machinery				
c.AV Aids				

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Disc Harrow	2006		Working	
MB plough	2006		Working	
Hydraulics trailer	2006		Working	
Tiller/cultivator	2006		Working	
Cage wheel	2006		Working	
Leveler	2006		Working	
Zero Till Machine	2011		Working	
Pump Set	2008		Stolen FIR Reported	
Conoweeder	2009		Working	
Tube well 5H.P Kiloshker	2008		Working	
weight Machine	2011		Working	
Zero tillage	2011		Working	
Rotavator	2011		Working	
Reaper	2011		Working	
Seed processing unit	2011		Working	
Lazer land leveler	2012	376000	Working	
Power Thresher	2014		Working	
Rotavator	2014		Working	
Power Reaper	2014		Working	
Gator Sprayer	2017	3800	Working	
Iron Jharni 152 kg	2017	11400	Working	
Iron Pankhi Stand 16 kg	2017	1200	Working	

1.8. Details SAC meeting* conducted in the year

S. N	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	05-09-2018	65	1. ICAR song should be played	Will be played	
			2. SAC meeting should be organized on scheduled time	Will be organized on time	
			3. Data should be given in ATR	Data being given in ATR	
			4. Farmer should be intimated about the training given during Kisan Chaupal	Farmers are being intimated about the training given during Kisan Chaupal	
			5. Progress report of KKA should be added separately	Progress report of KKA will be added separately	
			6. Selected OFT should be such that it is easily acceptable to the general farmers. OFT of Extension Education and Animal Science should be re-designed.	OFTs selected are such that it is easily acceptable to the general farmers. OFT of Ext. Edn. & Ani. Sci. has been re-designed.	
			7. Farmers need to be awared about SMART agriculture	Farmers being awared about SMART agriculture	
			8. Such radiants should be used which are easily available to the farmers in the market	Such radiants being used	
			9. Exposure visit should be made of farmers to the field of Sri Ramsevak Prasad, Dobhi, Gaya with the help of ATMA, Gaya	Farmers were sent on exposure visit with the help of ATMA.	

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

Note: Proceeding of SAC meeting as Annexure-1

List of Participants

1. Hon'ble Asstt. DoEE, BAU, Sabour, Bhagalpur Chairman
2. Joint Director Agriculture, Magadh Pramandal, Gaya
3. Asstt. Director Agriculture, Magadh Pramandal, Gaya
4. Dr. S. B. Singh, Chief Scientist-cum-Univ. Prof., In-Charge Head, KVK, Gaya
5. District Agriculture Officer, Gaya
6. Project Director, ATMA, Gaya
7. Senior Scientist And Head, KVK, Arwal
8. Manager, Zila Agrani Bank, Gaya
9. Manager, NABARD, Gaya
10. DAHO, Gaya
11. Sri Shivanand Pd. Singh, Agri. Scientist, Burma, Gurua, Gaya
12. Sri Sudhir Kumar Singh, Key Worker, PRAN, Gaya
13. Sri Chandra Bhushan Singh, Progressive Farmer, Mahmadpur, Tekari, Gaya SAC Member
14. Sri Birendra Singh, Progressive Farmer, Tetariya, Gaya SAC Member
15. Sri Ramsewak Prasad(Kisan Ratna), Progressive Farmer, Dobhi, Gaya
16. Sri Vinod Kumar Singh, Progressive Farmer, Nawada, Sherghati, Gaya
17. Sri Ramesh Singh, Progressive Farmer, Ghareya, Wazirganj, Gaya
18. Sri Balwant Kumar Singh, Progressive Farmer, Bairka, Atri, Gaya
19. Sri Aswini Kumar, JEEVIKA, Gaya
20. Sri Bhim Kumar, JEEVIKA, Gaya
21. Sri Suryadeo Mehta, Progressive Farmer, Punawa, Wazirganj, Gaya

22. Sri Ashok Kumar, Progressive Farmer, Gaya
23. Sri Rakesh Kumar, Progressive Farmer, Guraru, Gaya
24. Sri Badri Prasad, Progressive Farmer, Guraru, Gaya
25. Sri Sanjay Kumar, Progressive Farmer, Baradih, Gaya
26. Sri Mahesh Prasad, Progressive Farmer, Barachatti, Gaya
27. Sri Brajesh Singh, Progressive Farmer, Bela, Barachatti, Gaya
28. Md. Sahjad, Progressive Farmer, Gaya
29. Sri Ramdeep Singh, Progressive Farmer, Ranibigha, Konch, Gaya
30. Bhai Gulab Yadav, Progressive Farmer, Gaura, Gaya
31. Sri Abhishek Kumar Sharma, Progressive Farmer, Nanauk, Manpur, Gaya
32. Sri Sanjeev Kumar, Progressive Farmer, Gaya
33. Sri Priyanshu Kumar, Progressive Farmer, Gaya
34. Sri Ajay Singh, Press Reporter, Dainik Bhaskar, Gaya
35. Sri Uday Shankar Prasad, Press Reporter, Prabhat Khabar, Gaya
36. Sri Arvind Kumar Singh, Progressive Farmer, Paraiya, Gaya
37. Sri Vivek Kumar, Progressive Farmer, Gaya
38. Sri Ramashish Singh, Progressive Farmer, Gaya
39. Sri Kapil Kumar, Progressive Farmer, Gaya
40. Sri Ram Babu, Progressive Farmer, Gaya
41. Sri Pradeep Anand, Progressive Farmer, Gaya
42. Sri Vinod Kumar, Progressive Farmer, Gaya
43. Sri Sacchu Bhagat, Progressive Farmer, Gaya
44. Sri Om Prakash Kumar, Progressive Farmer, Mastalipur, Gaya
45. Sri Aklesh Kumar, Progressive Farmer, Mastalipur, Gaya
46. Sri Pradumn Kumar, Progressive Farmer, Mastalipur, Gaya
47. Sri Laljit Kumar, Progressive Farmer, Mastalipur, Gaya
48. Smt. Manju Devi, Progressive Farmer, Mastalipur, Gaya
49. Smt. Annapurna Devi, Progressive Farmer, Mastalipur, Gaya
50. Smt. Anita Devi, Progressive Farmer, Mastalipur, Gaya
51. Smt. Munni Devi, Progressive Farmer, Mastalipur, Gaya
52. Smt. Urmila Devi, Progressive Farmer, Mastalipur, Gaya
53. Smt. Sangeeta Devi, Progressive Farmer, Mastalipur, Gaya
54. Smt. Urmila Devi, Progressive Farmer, Mastalipur, Gaya
55. Sri Tuntun Manjhi, Progressive Farmer, Sondhi, Gaya
56. Smt. Indu Devi, Progressive Farmer, Mastalipur, Gaya
57. Dr. Ashok Kumar, SMS (Ext. Edu.), KVK, Gaya
58. Dr. Govind Kumar, SMS (Agronomy), KVK, Gaya
59. Dr. Anil Kumar Ravi, SMS (Ani. Sci.), KVK, Gaya
60. Sri Mukesh Kumar, Farm Manager, KVK, Gaya
61. Smt. Neha, Prog. Asstt. (Lab. Tech.), KVK, Gaya
62. Sri Prem Kumar Thakur, Assistant, KVK, Gaya
63. Dr. Ved Prakash, Prog. Asstt. (Computer), KVK, Gaya
64. Sri Patwardhan Kumar, Stenographer, KVK, Gaya
65. Sri Rohit Kumar, Driver, KVK, Gaya

and all other progressive farmers.

2.a. District level data on agriculture, livestock and farming situation (2018-19)

Sl. no.	Item	Information
1	Major Farming system/enterprise	
2	Agro-climatic Zone	
3	Agro ecological situation	
4	Soil type	
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

2.a.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. N.	Farming system/enterprise
1.	Paddy - Wheat – Moong
2.	Paddy – Lentil – Fallow
3.	Paddy – Rai – Moong
4.	Paddy – Sugarcane
5.	Paddy – Potato - Vegetable
6.	Maize – Potato – Vegetable
7.	Dairy, Poultry, Bee keeping and Fishery are important enterprises adopted by selective farmers.

2.a.2 Description of Agro-climatic Zone (based on soil and topography)

S. N.	Agro-climatic Zone	Characteristics
1.	Zone – IIIB	Climate is subtropical having average annual rainfall 944 mm. June is the hottest month when temperature goes up to 49°C while December is the coldest month when temperature goes down to 2°C. Average Relative Humidity is 66%

2.a.3 Description of major agro ecological situations (based on soil and topography)

S. N.	Agro ecological situation	Characteristics
1.	Irrigated Plain (Sandy-loam to loam soil)	The geographical area of the district is 493774 ha. Out of which Cultivable land is 198123 ha, comprising upland (49765 ha) medium land (110874ha) and low land (37484 ha). Major crop is paddy followed by wheat & vegetables. Among oil seeds & pulses rai, linseed, lentil, gram and red gram are important crops.
2.	Rainfed Plain (Sandy Loam, Light to heavy texture Soil)	
3.	Hilly Upland (Rainfed, Undulating topography)	

2.a.4 Soil type

S. N.	Soil type	Characteristics
1.	Sandy Loam	Admixture of sand & Clay, predominantly sandy, found alongside the river beds.
2.	Loamy soil	Found near the hills and formed by rains washings from higher area.
3.	Sandy soil	Locally known as balui, found near the bank of the river.
4.	Kewal Soil (Black)	It is a mixture of clay and loam and is very productive acidic in nature.
5.	Foot hill Balthar Soil (Red)	It is in between the plain and dissected plateau. It is acidic in nature.

2.a.5 Area, Production and Productivity of major crops cultivated in the district

S. N.	Crop	Area (ha)	Production (Kg)	Productivity (Kg /ha)
Kharif				
1.	Paddy	190955	640153	3352
2.	Maize	6763	6270	927
3.	Marua	308	233	756
4.	Arhar	4386	3874	883
5.	Urad	1438	803	558
6.	Moong	3223	1713	531
7.	Kulthi	78	44	564
8.	Groundnut	892	629	705
9.	Til	956	529	55.3
10.	Castor	89	43	483
11.	Sunflower	86	50	581
Rabi				
1.	Wheat	82729	142956	1728
2.	Maize	2418	4531	1874
3.	Barley	2328	1136	488
4.	Gram	34823	17237	495
5.	Lentil	20686	6247	302
6.	Pea	3045	1248	410
7.	Other Pulses			
8.	Linseed	7071	3924	555
9.	Rai/Sarson	12942	9344	722
10.	Sunflower	161	94	582

2.a.6 Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
Apr. 17	0.0			
May 17	1.61			
June 17	0.0	42-47		
July 17	142.3			
Aug. 17	648.6			
Sep. 17	49.2			
Oct. 17	0.0			
Nov. 17	0.0			
Dec. 17	0.0		02-05	
Jan. 18	0.0			
Feb. 18	20.0			
Mar. 18	8.0			

2.a.7 Production and productivity of livestock, poultry, fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	10027		
<i>Indigenous</i>	293436		
Buffalo	254729		
Sheep	18145		
<i>Crossbred</i>			
<i>Indigenous</i>			
Goats	445546		
Pigs	122914		
<i>Crossbred</i>			
<i>Indigenous</i>			
Rabbits			
Poultry	892833		
Hen			

<i>Desi</i>			
<i>Improved</i>			
Duck			
Turkey and others			
Category	Area	Production	Productivity
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

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.		Manpur	Saraiya	Paddy, Wheat, Vegetable, flower, Goatry, poultry	Use of non-recommended Pesticide, Use of traditional varieties	High incidence of insect pest
2.		Tekari	Mahmadpur	Paddy, Wheat, lentil, Rai, sugarcane, Potato	Lack of irrigation facility Use of non-recommended Pesticide, Use of traditional varieties	-do-
3.		Tankuppa	Barseema	Paddy, Wheat, Potato, Vegetables, Mushroom, Poultry, Dairy	-Use of non-recommended Pesticide, Use of traditional varieties	-do-

2. c. Details of village adoption programme:

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

Name of village	Block	Action taken for development
Barseema (Extension Education)	Tankuppa	FLD, OFT, Training, CFLD, Field days, Chaupal
Mahmadpur (Agronomy)	Tekari	FLD, OFT, Training, CFLD, Field days, Chaupal
Saraiya (Animal Science)	Manpur	FLD, OFT, Training, CFLD, Field days, Chaupal

2.1 Priority thrust areas

S. No.	Thrust area
1.	Introduction and popularization of improved varieties of cereals, pulses and oil seed crops.
2.	Seed production of cereals, oil seed & horticultural crops.
3.	To popularize improved cultivation techniques of different horticultural crops.
4.	Integrated nutrient management (INM) and pest management (IPM)
5.	Income and employment generation through Goatry, poultry, vermi-compost, dairy, beekeeping, mushroom cultivation & preservation of fruits & vegetable.
6.	Improvement of milch cattle through hybridization and proper care.

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
9	6	104	14	8	0	0	46	14	60	22	82	7	4	110	26	50	0	0	80	83	10	12	23

Training											Extension activities												
Number of Courses											Number of participants												
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
55	122	1310	100	10	0	0	33	13	44	23	68	1261	5405	3360	660	23	0	0	62	20	69	22	92

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	M	F	T
6	7	24	7	0	0	10	17	13	20	15													

Seed production (q)					Planting material (in Lakh)				
Target		Achievement			Target		Achievement		
210		194.5			0.01		0.00885		

Livestock strains and fish fingerlings produced (in lakh)*					Soil, water, plant, manures samples tested (in lakh)				
Target		Achievement			Target		Achievement		
0.00015		0.00017			0.010		0.0007		

* 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	3			5.34	5.34	1. Society for agriculture Innovation & Development, Ranchi(Jharkhand) 2. ATDS, Ghaziabad, U.P.	1. Excellence in Extension Award 2018 2. Emerging Scientist Award-2018
Seminar/conference / symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	2	6000					
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

ON FARM TRIAL

Total No. of OFT conducted during the year 2018-19: 5

S.N.	Name of the Trial	Crop	Variety	Area (ha)/ farmer	No. of Farmers
1.	Assess the Chickpea for enhancing the profitability	Chickpea	PG-186 Sabour Chana 1 BGM-547	1.5	5
2.	Assess the fertilizer dose in short duration paddy	Paddy	R. Sweta	2.5	7
3.	Assessment of different extension teaching methods used in enhancing knowledge of farmers	Paddy	Sahbhagi	4.0	40
4.	Performance of different wheat sowing methods under late sown irrigated condition	Wheat	DBW 14	1.0	10
5.	Effect of feeding urea molasses multi nutrient block to the dairy animals	-	-	160 kg	10

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assess the Chickpea for enhancing the profitability
2.	Problem diagnosed	Low profitability
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	1. TO-I: PG 186 2. TO-II: Sabour Chana-1 3. TO-III: BGM 547
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	ICM
6.	Performance of the Technology with performance indicators	1. Yield 2. Economics
7.	Final recommendation for micro level situation	Sabour Chana – 1 is suitable for Gaya district
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Training and field-day

Thematic area: ICM

Problem definition: Low profitability

Technology assessed:

1. TO-I: PG 186
2. TO-II: Sabour Chana-1
3. TO-III: BGM 547

Table:

Technology option	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
TO-I	12.6	25290	50400	25110	1.99
TO-II	15.8	25140	63200	38060	2.51
TO-III	13.9	25320	55600	30280	2.19

Results: The result shows that the treatment TO-II (Sabour Chana – 1) gives the highest yield & net return.

OFT- 2

1.	Title of On farm Trial	Assess the fertilizer dose in short duration paddy
2.	Problem diagnosed	Injudicious use of fertilizers
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO-I: Current recommended dose of fertilizer (80:40:20Kg, N:P ₂ O ₅ :K ₂ O per ha) TO-II: Proposed dose of fertilizer (100:45:30Kg, N: P ₂ O ₅ : K ₂ O per ha) TO-III: Farmers practice (120:20:10::N:P ₂ O ₅ :K ₂ O)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	ICM
6.	Performance of the Technology with performance indicators	Yield and yield attributes
7.	Final recommendation for micro level situation	Technology option II (100:45:30Kg, N: P ₂ O ₅ : K ₂ O per ha) is recommended for short duration paddy
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Training and field-day

Thematic area: ICM

Problem definition: Injudicious use of fertilizers

Technology assessed:

TO-I: Current recommended dose of fertilizer (80:40:20Kg, N: P₂O₅: K₂O per ha)

TO-II: Proposed dose of fertilizer (100:45:30Kg, N: P₂O₅: K₂O per ha)

TO-III: Farmers practice (120:20:10: N:P₂O₅:K₂O)

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 tillers/m ²	No. of grains per panicle	Test wt. (1000 grain wt.)						
TO-I	7	206.4	39.0	21.6	15	39.4	40600	70920	30320	1.74
TO-II	7	238.9	42.0	22.5	11	42.6	39220	76680	37460	1.95
TO-III	7	192.6	36.0	20.9	20	38.2	42190	68760	26570	1.62

Results: The result shows that the treatment TO-II: Proposed dose of fertilizer (100:45:30Kg, N: P₂O₅: K₂O per ha) gives the high yield, net return and B:C ratio.

OFT-3

1.	Title of On farm Trial	Assessment of different extension teaching methods used in enhancing knowledge of farmers
2.	Problem diagnosed	Lack of knowledge of farmers with respect to modern technologies of paddy cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	<ol style="list-style-type: none"> 1. Farmers practice: No extension teaching method 2. TO-I: Training 3. TO-II: Training + Demonstration 4. TO-III: Training + Use of ICT
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Crop production, Extension teaching methods
6.	Performance of the Technology with performance indicators	<ol style="list-style-type: none"> i) Adoption quotation ii) Change in knowledge iii) Change in yield iv) Change in BC Ratio
7.	Final recommendation for micro level situation	In order to get maximum yield and higher change in their knowledge and adoption level, ICT should be incorporated with other extension teaching methods
8.	Constraints identified and feedback for research	There are many farmers who are illiterate and even illiterate, they find problems in using ICT properly. Therefore, further trial should be conducted with other appropriate extension teaching methods in order to get better result.
9.	Process of farmers participation and their reaction	Farmers were quite enthusiastic and gave positive response towards the trial conducted and were ready to use the extension teaching methods.

Thematic area: Extension teaching method

Problem definition: Lack of knowledge of farmers with respect to modern technologies of paddy cultivation

Technology assessed:

Farmers practice: No extension teaching method

TO-I: Training

TO-II: Training + Demonstration

TO-III: Training + Use of ICT

Table:

Technology option	No. of trials	Adoption Quotation	Knowledge change (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	40	24.0	28.0	41.20	29759	58302	28546	1.96
TO-I		34.2	41.8	44.56	31055	63053	31998	2.03
TO-II		47.2	57.8	46.98	31135	66467	35332	2.13
TO-III		66.4	71.8	49.04	31081	69460	38379	2.23

Results: It is quite obvious from the table that the technology option TO₃ (Training + Use of ICT) gave the maximum yield of paddy (49.04 q/ha). It also shows the highest BC ratio (2.23), maximum adoption quotation (66.4%) and knowledge level of 71.8%. Therefore, it reveals that judicious use of combination of appropriate extension teaching i.e., training followed by use of ICT is required for getting best result.

OFT-4

1.	Title of On farm Trial	Performance of different wheat sowing methods under late sown irrigated condition
2.	Problem diagnosed	Low yield of wheat under late sown irrigated condition due to lack of available irrigation water
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice: Sowing wheat seed after 3-4 ploughing with one deep ploughing TO-I: Sowing wheat seed with zero tillage TO-II: Sowing wheat seed with two light cross - ploughing
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Crop production under moisture stress condition
6.	Performance of the Technology with performance indicators	i) No. Of grain/earhead ii) Test wt. (g) iii) Grain yield (q/ha) v) BC ratio
7.	Final recommendation for micro level situation	Among all the technologies TO ₂ (sowing wheat seed with two light ploughing) should be popularized among the farmers.
8.	Constraints identified and feedback for research	There is scarcity of irrigation water & lack of availability of heat tolerant wheat variety. These move heat tolerant varieties should be tested in this district.
9.	Process of farmers participation and their reaction	Farmers were satisfied with the technology and are ready to adopt it.

Thematic area: Crop production

Problem definition: Low yield of wheat due to insufficient irrigation water available for wheat sown under late sown irrigated condition

Technology assessed:

Farmers practice: Sowing seed with 3-4 ploughing with one deep ploughing

TO-I: Sowing seed with Zero Tillage machine

TO-II: Sowing seed with two light cross – ploughing

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of tillers/m ²	No. of earhead/m ²	Test wt. (1000 grain wt.)					
FP	10	285.9	277.7	38.3	33.56	28960	62925	33965	2.20
TO ₁		299.5	278.3	38.2	34.26	26255	64238	37983	2.45
TO ₂		371.3	280.2	38.3	36.15	26900	67781	40881	2.52

Results: The table reveals that TO2 (Sowing seed with two light cross ploughing) gave the highest yield of 36.15 qtl/ha with highest BC ratio of 2.52.

OFT-5

1.	Title of On farm Trial	Effect of feeding urea molasses multi nutrient block to the dairy animals
2.	Problem diagnosed	Low milk production due to nutrient deficiency in cattle
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	<ol style="list-style-type: none"> 1. Farmers practice (FP) use of concentrate @200 g/lit. Milk 2. TO-I: FP + Mineral mixture @ 50g/d/animal 3. TO-II: FP + UMMB @ 400g/d/animal
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IVRI, Izatnagar, Bareilly
5.	Production system and thematic area	Feed Management
6.	Performance of the Technology with performance indicators	<ol style="list-style-type: none"> i) Average milk yield/day ii) Cost of milk production iii) Gross return iv) Net return v) BCR
7.	Final recommendation for micro level situation	UMMB is very useful during scarcity of green fodder and helps in improving milk productivity of cattle
8.	Constraints identified and feedback for research	Non-descript breed and poor management
9.	Process of farmers participation and their reaction	Farmers accepted that UMMB block is beneficial for them specially during scarcity of green fodder

Thematic area: Feed Management

Problem definition: Low milk production due to nutrient deficiency in cattle

Technology assessed:

- 1 Farmers practice (FP) –concentrate @200g/lit. Milk
- 2 TO-I: FP + Mineral mixture @ 50g/d/animal
- 3 TO-II: FP + UMMB @ 400g/d/animal

Table:

Technology option	Milk production	Cost of production	Gross return	Net return	BCR
FP	5.84	5900	12259	6395	2.08
TO I	6.71	6380	14091	7711	2.20
TO II	6.95	6420	14595	8175	2.27

Results: Result of this trial show that average milk production in Technology Option II is highest i.e., 6.95 kg/day/animal and BC Ratio of Technology Option II is higher the Technology Option I.

Achievements of Frontline Demonstrations

3. Details of FLDs conducted during the year: 2018-19

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.	Wheat	Crop Production	Var.- DBW 14	4.0	4.0	4	0	0	0	12	0	16	0	16	

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 ₂ O ₅	K ₂ O					
Wheat	Rabi	Irrigated	Medium Upland	120	60	40	Paddy	10.12.2018	16.04.0219		

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
Drumstick	Vegetable production	Seed	188	0.8	Result awaited												
Total																	

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters (milk production)		% 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)																	
Fodder	Fodder Production	Makhan Grass	13	13	8	7	14.2			6548	13468	6920	2.05	6742	12489	5747	1.85
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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Wheat	DBW-14 gives high yield in late condition

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	28.03.2019	1	36	
		29.03.2019	1	51	
2.	Farmers Training	06.12.2018	1	16	
3.	Media coverage	30.03.2019	1	51	
4.	Training for extension functionaries				

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

Crop: 1 (Oilseed)

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)				M ax.	M in.	Av .	D	S	P
1.	Mustard	Kalasona	9.20	1030	1219	1350	RNG 48 + quality seed, sulphur, herbicide, insecticide, seed treatment	50	20	15.8	8.55	12.9	11.9	32.5	46.7

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.	RGN 48 + quality seed, sulphur, herbicide, insecticide, seed treatment	16160	38800	22640	2.40	18440	53600	31560	2.90

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 (Mandays/household)
1.	Mustard & RGN 48	25800	Not sold	40	Hardly 5 kg	Yet not decided	To meet own family	4

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
1.	Quality seed, sulphur, herbicide, insecticide & seed treatment	Suitable	Yellow sarson mostly likely by the farmers of this district. They don't prefer brown sarson.	Affordable	- Low ground water needs frequent irrigation - Lack of irrigation facility and sowing time is mostly late	Yes it is acceptable provided irrigation facility if available	<ul style="list-style-type: none"> Quality seed of yellow sarson must be ensured either from Govt. agency or private companies. Micro-irrigation system must be promoted Need to generate irrigation facility

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Sulphur application	Yield increased	Almost 10% increase in yield was observed in sulphur applied plots	Increase in seed yield and oil yield both by observed by farmers when sulphur was applied in the field

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Field day	19.03.2019, Bela, Barachatti	45

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.)
Rapeseed & Mustard	i) Critical input	37620.00	87373.00	(-)-45573.00
	ii) TA/DA/POL etc. for monitoring	4180.00	5873.00	(-)-5873.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	41800.00	93251.00	(-)-51451.00

1.	Pigeonpea and Narendra Arhar-1	16700	Not sold yet	50	Not decided	Provide seed to others through seed exchange	To fulfill farm and family needs	22
2.	Chickpea and PG 186	31800	Not sold till date	48	Not decided	Not decided till date	To meet out farm and family needs	16
3.	Lentil & HUL 57	36300	Not	46	Not decided	Assured to give other farmers as seed exchange	To meet out family needs	15

D. Pulse 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
1.	Sulphur, herbicide, trichoderma & insecticide	Suitable to their soil and environment condition	Farmers prefer improved varieties over their local	Yes	In advance stage of growth, crop suffered due to moisture	Yes if drainage facility is good & winter rainfall occurs one or two times	<ul style="list-style-type: none"> Short duration variety is required due to low moisture regime during growth period
2.	Quality seed and seed treatment	Well suited	Farmers generally prefer late sown variety of chickpea	Yes	No winter rainfall received during crop period. Surface irrigation is not possible in heavy soil and micro-irrigation system is not popular and available till date.	Yes, if soil moisture level remains optimum during crop growth period	<ul style="list-style-type: none"> Fund per hectare should be increased in this crop Seed of late sown chickpea variety is required in this district because late harvest of paddy delays sowing time
3.	Sulphur, Herbicide, Trichoderma, Rhizobium	Well suited	Most choiced crop among rabi pulses	Affordable	Moisture deficit particularly in upland was noticed. This was also due to lack of winter shower	Yes, if soil moisture support crop during its growth period	<ul style="list-style-type: none"> Fund per hectare should be increased More area should be allotted to KVK, Gaya under this crop due to liking by the farmers

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Crop 1 : Pigeonpea			
Use of sulphur	Enhanced seed yield	Check plot realized less yield	For enhancing yield sulphur application is essential
Use of insecticide against pod borer	Reduced infestation upto 80%	In check plots severity was more	Farmers realized to spray insecticide two times to reduce the damage from podborer
Crop 2: Chickpea			
Seed treatment	Treated plot performed better in respect of growth and yield	Untreated seed if sown in the field, plant stand was poor & less yield realized	Farmers were satisfied to see the impact of seed treatment
Crop 3: Lentil			
Herbicide	Reduced cuscutta problems	In local check plots this was observed more	Pre-emergence application of herbicide reduces all kind of weeds
Use of trichoderma	Reduced wilt infestation by 30%	In local check plots the severity was more	Soil application of trichoderma culture reduces wilt information

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
Crop 1 : Pigeonpea			
1.	Field day	19.03.2019, Bela Barachatti	50
Crop 2: Chickpea			
1.	Field day	30.03.2019, Behiyain, Wazirganj	45
Crop 3: Lentil			
1.	Field day	09.03.2019, Mahmudpur, Tekari	32

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

Crop 1: Pigeonpea



Crop 2: Chickpea



Crop 3: Lentil



H. Farmers' training photographs

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

Crop 1: Pigeonpea



Crop 2: Chickpea



Crop 3: Lentil



J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1. Pigeonpea	i) Critical input	81000.00	78918.00	2082.00
	ii) TA/DA/POL etc. for monitoring	9000.00	7424.00	1576.00
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total	90000.00	86342.00	3658.00
2. Chickpea	i) Critical input	243000.00	243000.00	0.0
	ii) TA/DA/POL etc. for monitoring	27000.00	16472.00	10528.00
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total	270000.00	259472.00	10528.00
3. Lentil	i) Critical input	324000.00	307678.00	16322.00
	ii) TA/DA/POL etc. for monitoring	36000.00	11485.00	24515.00
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total	360000.00	319163.00	40837.00

Success Story – 1 Sri Indradeo Yadav

Specific Technology:- Mustard, Var.- RGN 48, Sulphur, Herbicide, Pesticide (Emidachloprid)

Name of KVK	KVK, Manpur, Gaya
Crop and variety	Mustard, RGN 48
Name of farmer & address	Sri Indradeo Yadav, Vill.- Bela, Block- Barachatti, Gaya, Bihar, Mob. No.- 9430408212
Background information about farmer field	Brief description of the farm/enterprise: Shri Indradeo Yadav is a progressive farmer. Farming situation is medium upland condition. Rice-Mustard/wheat is major cropping system in his village. During rabi season, wheat is prominent crop followed by mustard/chickpea. He came in contact with Krishi Vigyan Kendra, Manpur, Gaya where he got technical guidance and training by Scientist (Agronomy) on scientific cultivation of mustard and use and details of improved seeds and he got mustard seeds var. RGN 48 along with sulphur, herbicides & pesticides (Emidachloprid) for aphid under CFLD Project. This technology increased in yield of mustard by 11.95% over local check variety and resulted in net gain of Rs. 31560/ha which is Rs. 8920 more than the check variety.
Details of technology demonstrated	RGN 48+Sulphur + Herbicide + Pesticide (Emidachloprid)
Institutional involvement	KVK, Gaya, CSISA, ATMA, NFL, NGO
Success point	Improved seed variety RGN 48+Sulphur + Herbicide + Pesticide (Emidachloprid)
Farmer feedback	Satisfied with variety and gives high yield rainfed condition also
Outcome yield (q/ha)	
- Demonstration	12.9
- Potential yield of variety/technology	13.5
- District average (Previous year)	10.3
- State average (Previous year)	12.19

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

Used Practice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	9.2	16160	38800	22640	2.40
Demonstration	12.9	18440	53600	31560	2.90
% Increase	40.2	14.1	38.1	39.4	20.8

Success Story – 2 Sri Pawan Paswan

Specific Technology:- Chickpea, Var.- PG 186 & Bio-Fertilizer

Name of KVK	KVK, Manpur, Gaya
Crop and variety	Chickpea Var.-PG 186
Name of farmer & address	Sri Pawan Paswan, Vill.- Bihiyain, Block- Wazirganj, Gaya, Bihar
Background information about farmer field	Brief description of the farm/enterprise: Shri Pawan Paswan is a progressive farmer. Rice-Chickpea/wheat is major cropping system in his village. During rabi season, wheat is prominent crop followed by chickpea. He came in contact with Krishi Vigyan Kendra, Manpur, Gaya where he got technical guidance and training by Scientist (Agronomy) on scientific cultivation of chickpea and use of improved seeds and he got chickpea seeds var. PG 186 and Bio-fertilizers (Rhizobium and PSB) along with fungicide for seed treatment for wilt disease and other fungal diseases under CFLD Project. For the control of pod borer he used feroman trap. This technology increased in yield of chickpea by 40.7 % over local check variety and resulted in net gain of Rs. 56160/ha which is Rs. 19150 more than the check variety.
Details of technology demonstrated	Var.-PG 186, Carbendazim, Rhizobium, PSB.
Institutional involvement	KVK, Gaya, CSISA, ATMA, NFL, NGO
Success point	Improved seed variety PG 186, bio- fertilizers and trichoderma for the control of wilt
Farmer feedback	Satisfied with variety and gives high yield rainfed condition also
Outcome yield (q/ha)	
- Demonstration	15.9
- Potential yield of variety/technology	18.8
- District average (Previous year)	11.9
- State average (Previous year)	12.17

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

Used Practice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	11.3	20230	57240	37010	2.83
Demonstration	15.9	24160	80320	56160	3.32
% Increase	40.7	19.42	40.32	51.74	17.31

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			
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	2	17	3	20	6	1	7	0	0	0	23	4	27
WTO and IPR issues													
Others, if any													
Information Networking	1	9	4	13	2	2	4	0	0	0	11	6	17
Nursery management													
Orchard Management													
Organic Farming	1	14	1	15	3	1	4	0	0	0	17	2	19
Soil test	1	7	3	10	3	1	4	0	0	0	10	4	14
Value addition													
Vegetable production	1	10	18	28	7	59	66	0	0	0	17	77	94
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	25	325	82	407	81	91	172	0	0	0	406	173	579

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
I. Crop Production													
Weed Management	4	103	12	115	14	0	14	0	0	0	117	12	129
Resource Conservation Technologies	1	16	0	16	6	0	6	0	0	0	22	0	22
Cropping Systems	1	23	2	25	4	0	4	0	0	0	27	2	29
Crop Diversification													
Integrated Farming	1	17	2	19	9	1	10	0	0	0	26	3	29
Water management													
Seed production	2	34	0	34	14	0	14	0	0	0	48	0	48
Nursery management													
Integrated Crop Management	1	17	2	19	4	0	4	0	0	0	21	2	23
Fodder production													
Production of organic inputs	1	18	0	18	5	0	5	0	0	0	23	0	23
Others,(cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													

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	2	23	3	26	2	27	29	0	0	0	25	30	55	
Formation and Management of SHGs														
Mobilization of social capital														
Entrepreneurial development of farmers/youths	33	1060	510	1570	380	338	718	0	0	0	1440	848	2288	
WTO and IPR issues														
Others, if any														
Information Networking	1	7	0	7	2	0	2	0	0	0	9	0	9	
Nursery management	3	125	105	230	69	105	174	0	0	0	194	210	404	
Orchard Management	2	113	42	155	44	34	78	0	0	0	157	76	233	
Organic Farming	1	19	0	19	1	0	1	0	0	0	20	0	20	
Value addition	2	30	24	54	16	28	44	0	0	0	46	52	98	
Vegetable production	1	135	0	135	6	0	6	0	0	0	141	0	141	
XI Agro-forestry														
Production technologies														
Nursery management														
Integrated Farming Systems														
XII. Others (Pl. Specify)														
TOTAL	89	2651	1091	3742	861	778	1639	0	0	0	3512	1869	5381	

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			
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	2	23	3	26	2	27	29	0	0	0	25	30	55
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	35	1077	513	1590	386	339	725	0	0	0	1463	852	2315
WTO and IPR issues													
Others, if any													
Information Networking	2	16	4	20	4	2	6	0	0	0	20	6	26
Nursery management	3	125	105	230	69	105	174	0	0	0	194	210	404
Soil Test	1	7	3	10	3	1	4	0	0	0	10	4	14
Orchard Management	2	113	42	155	44	34	78	0	0	0	157	76	233
Organic Farming	2	33	1	34	4	1	5	0	0	0	37	2	39
Value addition	2	30	24	54	16	28	44	0	0	0	46	52	98
Vegetable production	2	145	18	163	13	59	72	0	0	0	158	77	235
TOTAL	51	1569	713	2282	541	596	1137	0	0	0	2110	1309	3419
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	122	3381	1342	4723	1069	1035	2104	0	0	0	4450	2377	6827

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													
Bee-keeping													
Integrated farming													
Seed production	2	32	0	32	12	0	12	0	0	0	44	0	44
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	1	13	5	18	1	2	3	0	0	0	14	7	21
Sheep and goat rearing	1	23	0	23	3	0	3	0	0	0	26	0	26
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													
Enterprise development	3	39	8	47	8	5	13	0	0	0	47	13	60
Others if any (ICT application in agriculture)													
TOTAL	7	107	13	120	24	7	31	0	0	0	131	20	151

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL													

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
I. Agronomy										
	PF	IWM in paddy, wheat and rabi pulses	5	ON	95	13	108	10	5	15
	PF	RCT in rabi crops	2	ON	38	8	46	10	3	13
	PF	Different cropping systems in Gaya district	2	ON	38	11	49	12	4	16
	PF	Crop diversification of rabi crops	1	ON	19	0	19	7	0	7
	PF	Seed production of paddy & wheat	3	ON	59	8	67	12	2	14
	PF	ICM in wheat	1	ON	19	2	21	3	0	3
	PF	Production of organic inputs	1	ON	24	0	24	5	0	5
	PF	IWM in paddy, wheat and rabi pulses	4	OFF	117	12	129	14	0	14
	PF	RCT in rabi crops	1	OFF	22	0	22	6	0	6
	PF	Different cropping systems in Gaya district	1	OFF	27	2	29	4	0	4
	PF	IFS	1	OFF	26	3	29	9	1	10
	PF	Seed production of paddy & wheat	2	OFF	48	0	48	14	0	14
	PF	ICM in wheat		OFF	21	2	23	4	0	4
	PF	Production of organic inputs	1	OFF	23	0	23	5	0	5
	RY	Seed production of paddy	2	ON	44	0	44	12	0	12
II. Extension Education										
	PF	Beekeeping	1	OFF	200	135	335	50	15	65
	PF	Beekeeping	1	OFF	108	47	155	8	12	20
	PF	Beekeeping	1	OFF	44	23	67	13	17	30
	PF	Beekeeping	1	OFF	95	17	112	12	8	20
	PF	Beekeeping	1	OFF	10	80	90	11	22	33
	PF	Beekeeping	1	OFF	4	16	20	8	62	70
	PF	Beekeeping	1	OFF	27	12	39	100	13	113
	PF	Beekeeping	1	OFF	6	34	40	4	12	16
	PF	Beekeeping	1	OFF	45	6	51	12	6	18
	PF	Beekeeping as the means of self employment	1	OFF	27	3	30	15	7	22
	PF	Income generation through beekeeping	1	OFF	21	5	26	12	8	20
	PF	Income generation through beekeeping & mushroom cultivation	1	OFF	0	11	11	0	42	42
	PF	Upliftment of socio economic status through beekeeping	1	OFF	40	22	62	34	38	72
	PF	Beekeeping & mushroom cultivation as the means of self employment	1	OFF	24	0	24	2	0	2
	PF	Value addition in beekeeping & mushroom production	1	OFF	27	7	34	8	14	22

	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	22	0	22	4	0	4
	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	18	2	20	0	0	0
	PF	Kitchen gardening & beekeeping	1	OFF	12	5	17	1	0	1
	PF	Kitchen gardening & beekeeping	1	OFF	28	0	28	2	0	2
	PF	Beekeeping & mushroom production	1	OFF	21	0	21	4	0	4
	PF	Beekeeping & mushroom production	1	OFF	27	10	37	4	0	4
	PF	Beekeeping & mushroom production	1	OFF	24	0	24	0	0	0
	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	20	55	75	0	27	27
	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	11	4	15	8	0	8
	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	30	0	30	8	2	10
	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	22	0	22	3	0	3
	PF	Entrepreneurship development in beekeeping & mushroom cultivation	1	OFF	3	0	3	40	13	53
	PF	Beekeeping & mushroom production for doubling farmers income	1	OFF	16	0	16	5	1	6
	PF	Beekeeping & mushroom production for doubling farmers income	1	OFF	29	2	31	0	0	0
	PF	Self employment through beekeeping & vermicomposting	1	OFF	25	0	25	1	0	1
	PF	Doubling income of farmers by means of beekeeping & mushroom production	1	OFF	37	7	44	11	5	16
	PF	Value addition in beekeeping & mushroom products for income generation	1	OFF	37	0	37	0	0	0
	PF	Entrepreneurship development in agriculture	1	OFF	0	7	7	0	14	14
	PF	Socio-economic upliftment through	1	OFF	23	0	23	2	0	2

		farmers group								
	PF	FFS is the need of time	1	OFF	0	3	3	0	27	27
	PF	Use of electronic media for market updates	1	OFF	7	0	7	2	0	2
	PF	Establishment & management of new orchard	1	OFF	32	40	72	22	34	56
	PF	Establishment & management of new orchard	1	OFF	40	35	75	17	38	55
	PF	Vegetable nursery management	1	OFF	53	30	83	30	33	63
	PF	Establishment of new orchard	1	OFF	62	14	76	23	8	31
	PF	Establishment & management of new orchard	1	OFF	51	28	79	21	26	47
	PF	Organic farming is the need of the time for farmers	1	OFF	19	0	19	1	0	1
	PF	Mushroom cultivation and its processing	1	OFF	22	8	30	10	7	17
	PF	Beekeeping & mushroom cultivation and its value addition	1	OFF	8	16	24	6	21	27
	PF	Scientific cultivation of drumstick	1	OFF	135	0	135	6	0	6
	PF	Organic farming is the need of time	1	ON	14	1	15	3	1	4
	PF	importance of soil test	1	ON	7	3	10	3	1	4
	PF	Availability of markets for sale of produce	1	ON	9	4	13	2	2	4
	PF	Scientific cultivation of drumstick	1	ON	10	18	28	7	59	66
	PF	Mushroom spawn production techniques	1	ON	8	3	11	3	1	4
	PF	Entrepreneurship development in mushroom cultivation	1	ON	9	0	9	3	0	3
	RY	Entrepreneurship development in mushroom	1	ON	14	2	16	2	2	4
	RY	Mushroom spawn production	1	ON	13	3	16	3	1	4
	RY	Entrepreneurship development in mushroom	1	ON	12	3	15	3	2	5
IV. Livestock Production and Management										
	PF	Management of dairy animals during summer	1	OFF	250	150	400	50	15	65
	PF	Management of HS & BQ in dairy animals	1	OFF	116	59	175	8	12	20
	PF	Vaccination schedule in dairy animals	1	OFF	57	40	97	13	17	30
	PF	Income generation through backyard poultry	1	OFF	107	25	132	12	8	20
	PF	Formulation of balance ration	1	OFF	21	102	123	11	22	33
	PF	Small scale goat farming	1	OFF	93	80	173	29	13	42
	PF	Management of dairy animals during summer	1	OFF	12	78	90	8	62	70
	PF	Fodder production	1	OFF	127	25	152	100	13	113

		round the year								
	PF	Management of common disease in cattle	1	OFF	10	46	56	4	12	16
	PF	Clean milk production	1	OFF	57	12	69	12	6	18
	PF	Treatment of straw with urea	1	OFF	42	10	52	15	7	22
	PF	Common diseases of goat	1	OFF	33	20	53	8	11	19
	PF	Infertility in dairy animals	1	OFF	33	13	46	12	8	20
	PF	Clean milk production	1	OFF	0	53	53	0	42	42
	PF	Management of common disease	1	OFF	26	0	26	2	0	2
	PF	Fodder production round the year	1	OFF	14	37	51	6	21	27
	PF	Small scale goat farming	1	OFF	19	34	53	5	22	27
	PF	Formulation of balance ration	1	OFF	23	19	42	6	8	14
	PF	Commercial broiler farming	1	OFF	35	21	56	8	14	22
	PF	Vaccination schedule in dairy animals	1	OFF	52	0	52	3	0	3
	PF	Management of HS & BQ in dairy animals	1	OFF	0	48	48	0	48	48
	PF	Treatment of straw with urea	1	OFF	26	0	26	4	0	4
	PF	Common diseases of goat	1	OFF	18	2	20	0	0	0
	PF	Infertility in dairy animals	1	OFF	16	2	18	1	0	1
	PF	Management of cattle in winter season	1	OFF	31	9	40	2	5	7
	PF	Clean milk production	1	OFF	25	0	25	4	0	4
	PF	Management of common disease	1	OFF	15	1	16	0	0	0
	PF	Fodder production round the year	1	OFF	31	10	41	4	0	4
	PF	Small scale goat farming	1	OFF	24	0	24	0	0	0
	PF	Common diseases of goat	1	OFF	38	2	40	8	2	10
	PF	Formulation of balance ration in cattle	1	OFF	35	9	44	0	7	7
	PF	Commercial broiler farming	1	OFF	40	9	49	3	9	12
	PF	vaccination in cattle	1	OFF	25	0	25	3	0	3
	PF	Management of FMD	1	OFF	43	13	56	40	13	53
	PF	Management of cattle in winter	1	OFF	29	21	50	9	5	14
	PF	Fodder production round the year	1	OFF	44	1	45	10	0	10
	PF	Management of cattle in winter	1	OFF	29	2	31	0	0	0
	PF	Management of FMD in cattle	1	OFF	26	0	26	1	0	1
	PF	Formulation of balance feed in cattle	1	OFF	48	12	60	11	5	16
	PF	Fodder production round the year	1	OFF	30	7	37	6	5	11
	PF	Small scale goat farming	1	OFF	37	0	37	0	0	0
	PF	Management of infertility in dairy animals	1	OFF	17	0	17	3	0	3
	PF	Formulation of balanced ration	1	ON	0	30	30	0	12	12

	PF	Method of feeding of UMMB in dairy animals	1	ON	16	0	16	1	0	1
	PF	Establishment and development integrated farming system	1	ON	11	1	12	0	0	0
	PF	Housing and feeding management of dairy cattle	1	ON	9	7	16	0	1	1
	RY	Goatry management	4	ON	26	0	26	3	0	3
	RY	Dairy Management	3	ON	14	7	21	1	2	3

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 elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Paddy	Seed Production	Seed production of paddy	2	44	0	44				
Mushroom	Entrepreneurship development	Entrepreneurship development in mushroom	1	14	2	16				
Mushroom	Entrepreneurship development	Mushroom spawn production	1	13	3	16				
Mushroom	Entrepreneurship development	Entrepreneurship development in mushroom	1	12	3	15				
Dairy	Management	Dairy Management	3	14	7	21				
Goat	Management	Goatry management	4	26	0	26				

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	The matic area	Month	Duration (days)	Client PF/R/Y/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	S C	S T	Others	S C	S T	Others	S C	S T	Total	
1.	Rabi Mahotsav	Crop production	Oct	1	PF	4	90	45	0	15	25	0	105	70	0	175	ATMA, Gaya
2.	Seed production of rabi crops	Crop production	Feb.	1	PF	1	40	10	0	2	5	0	42	15	0	57	BRBN, Patna
3.	Integrated nutrient management in rabi crop	INM	Mar	1	PF	1	37	10	0	0	2	0	37	12	0	49	IFFCO, Gaya
4.	Scientific cultivation of oilseed & pulses	Cereal production	Oct	1	PF	1	141	33	0	17	7	0	158	40	0	198	ATMA, Gaya
5.	Uses of bio-fertilizers in rabi crops	INM	Oct	1	PF	1	32	10	0	0	0	0	32	10	0	42	NFL, Gaya
6.	DSR & organic farming	Organic farming	May	1	PF	1	305	42	0	41	24	0	346	66	0	412	ATMA, Gaya
7.	DSR & organic farming	Organic farming	May	1	PF	1			0			0	0	0	0	0	ATMA, Gaya
8.	DSR & organic farming	Organic farming	May	1	PF	1			0			0	0	0	0	0	ATMA, Gaya
9.	DSR & organic farming	Organic farming	May	1	PF	1			0			0	0	0	0	0	ATMA, Gaya
10.	DSR & organic farming	Organic farming	May	1	PF	1			0			0	0	0	0	0	ATMA, Gaya
11.	DSR & organic farming	Organic farming	May	1	PF	1			0			0	0	0	0	0	ATMA, Gaya
12.	Doubling farmers income through beekeeping	Entrepreneurship development	Aug	1	PF	1	39	7	0	0	0	0	39	7	0	46	ATMA, Gaya
13.	IDM & IPM in paddy	IDPM	Sep	1	PF	1	16	4	0	0	0	0	16	4	0	20	Dept. of PP, Gaya
14.	IDM & IPM in vegetable production	IDPM	Sep	1	PF	1	16	4	0	0	0	0	16	4	0	20	Dept. of PP, Gaya

15.	Scientific cultivation of oilseed & pulses	Cereal production	Oct	1	PF	1	141	33	0	17	7	0	158	40	0	198	ATMA, Gaya
16.	Mushroom production technology	Entrepreneurship development	Dec	1	PF	1	41	17	0	19	11	0	60	28	0	88	ATMA, Gaya
17.	Management of cattle in summer	Dairy Management	May	1	PF	1	113	56	0	2	4	0	115	60	0	175	ATMA, Gaya
18.	Management of disease in dairy animals	Disease Management	May	1	PF	1	109	42	0	1	3	0	110	45	0	155	ATMA, Gaya
19.	Vaccination in dairy animal	Disease Management	May	1	PF	1	124	41	0	0	0	0	124	41	0	165	ATMA, Gaya
20.	Management of HS & BQ	Disease Management	May	1	PF	1	132	46	0	0	0	0	132	46	0	178	ATMA, Gaya
21.	Management of FMD in livestock	Disease Management	Oct	1	PF	1	123	52	0	2	3	0	125	55	0	180	ATMA, Gaya
22.	Management of dairy animals during winter	Dairy Management	Oct	1	PF	1	163	28	0	0	0	0	163	28	0	191	ATMA, Gaya
23.	Clean milk production	Dairy Management	Oct	1	PF	1	142	23	0	0	0	0	142	23	0	165	ATMA, Gaya
24.	Infertility in dairy animals	Disease Management	Oct	1	PF	1	139	53	0	0	0	0	139	53	0	192	ATMA, Gaya
25.	Fodder production round the year	Fodder Production	Oct	1	PF	1	147	27	0	0	0	0	147	27	0	174	ATMA, Gaya
26.	Small scale goat farming	Goat Production	Oct	1	PF	1	141	29	0	0	0	0	141	29	0	170	ATMA, Gaya
27.	Income generation through backyard poultry	Poultry Production	Oct	1	PF	1	127	26	0	0	0	0	127	26	0	153	ATMA, Gaya
28.	Vaccination in dairy animals	Disease Management	Oct	1	PF	1	117	32	0	0	0	0	117	32	0	149	ATMA, Gaya
29.	Management of cattle in summer	Dairy Management	Oct	1	PF	1	113	56	0	2	4	0	115	60	0	175	ATMA, Gaya

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	S C/ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	12	252	135	387	13	22	5	27	274	140	414
Kisan Mela											
Kisan Ghosthi	21	377	69	446	2	0	0	0	377	69	446
Exhibition	1	531	325	856	12	110	26	136	641	351	992
Film Show	22	829	286	1115	17	70	15	85	899	301	1200
Method Demonstrations	11	183	131	314	16	0	0	0	183	131	314
Farmers Seminar	2	5	5	10	10	0	0	0	5	5	10
Workshop	5	180	9	189	4	0	0	0	180	9	189
Group meetings	5	35	10	45	16	10	5	15	45	15	60
Lectures delivered as resource persons	25	567	258	825	9	45	15	60	612	273	885
Advisory Services	2714	1954	700	2654	8	40	20	60	1994	720	2714
Scientific visit to farmers field	389	264	125	389	12	0	0	0	264	125	389
Farmers visit to KVK	2171	1564	437	2001	7	145	25	170	1709	462	2171
Diagnostic visits	15	55	5	60	10	0	0	0	55	5	60
Exposure visits	7	214	36	250	5	0	0	0	214	36	250
Ex-trainees Sammelan	1	45	22	67	16	0	0	0	45	22	67
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	1	11	0	11	18	-	-	-	11	0	11
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)											
Gajar Ghas Jagrukta Saptah	3	50	11	61	11	4	2	6	54	13	67
International Yoga Day	1	11	5	16	3	0	0	0	11	5	16
Swatchta Hi Sewa	7	121	58	179	7	0	0	0	121	58	179
Mahila Kisan Divas	1	0	99	99	15	0	7	7	0	106	106
World Soil Day	1	51	9	60	11	8	2	10	59	11	70
Any Other (Specify)											
Total	5415	7299	2735	10034	9	454	122	576	7753	2857	10610

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	42
Radio talks	1
TV talks	
Popular articles	
Extension Literature	2
Other, if any	

C. Formation of FPO

Name	Nature	Address	No. of members
Ujala Agro Farmer Producer Company Ltd.	Mushroom production, Dairy & Organic farming	Vill.-Nehuta P.O.-Raniganj P.S. & Block –Imamganj Dist.-Gaya (Bihar) Pin-824210	Board of Directors, Board of members & CEO have been selected

Note- In registration process

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			
					SC	ST	Other	Total
Total								

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Moong	PDM 139	4.975	59700			26	26
Paddy	R. Sweta	80.79	308880			179	179
	Sahbhagi	45.00	143001			16	16
Wheat	S. Nirjal	8.75	35000			14	14
	DBW 14 (F/S)	13.73	54920			3	3
	DBW 14 (C/S)	24.31	85085			8	8
Lentil	HUL 57	2.80	22400			1	1
Grand Total		180.355	708986			247	247

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	Value (Rs.)	No. of Farmers benefitted			
	Kg		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	Black Bengal	17	23648				
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” NA

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	1. Impact assessment of KVK training in terms of knowledge gaining adoption and attitude towards training of farmers in Bihar	Dr. Nidhi Sinha, Dr. Anil Kumar Ravi & Dr. Ashok Kumar		
	2. Effects of nutrients application methods on productivity and economics of maize	Dr. R. K. Singh, Dr. P. K. Kumar, Dr. S. K. Singh, Dr. Ajit Kumar & Dr. S. B. Singh		
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	1. Package & practices of Lathyrus	Dr. S. B. Singh, Mr. D. Mandal & Dr. Ashok Kumar	1000	600
	2. Gramin Krishi Mausham Seva	Dr. B. Kumar, Sri S. Kumar Md. Zakir Hussain	5000	1000
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
2.					
3.					
4.					
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	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

Success Story -1 Birendra Singh

Sl. No.	PARTICULARS	ANSWER
1	Name of farmer	: Birendra Singh
	Village	: Tetariya
	Block	: Manpur
	District	: Gaya
	Telephone no./Mob. No.	: 9546908302
	Aadhar No.	: 297419269858
2	Area of Farm: < 02 hectare-	:
	> 02 ha and upto 04 ha.	:
	> 04 ha	: 6.0 ha
3	Number of milking / any cattle's -	:
	No. of Cow	: 2
	No. of Buffalow	: 1
	Others	:
4	Activities of Residue Management	: Making vermicompost by the use of waste decomposer
5	Area of pond (If yes)	: No
	No. with size	:
6	Krishi Vigyan Kendra / University from which you are benefitted	: Krishi Vigyan Kendra, Manpur, Gaya
7	Enterprises- (No./Name and their outcome) Attached suitable photograph for each enterprises	: Seed- 12 lakh Mushroom - 02 lakh Vermicompost - 01 lakh
8	Innovation- Name and source of knowledge and their outcome:	: By using feroman trap, his field is free from insect pest. He saves approximately 1000/acre.
9	How many farmer benefitted from your enterprise-	: 17 farmers
10	Average growth rate in last 03 year- Enterprise wise growth rate for last 03 years:	: 200%



10	Prize / award received from any Institute-	:	1. Mushroom Production Technology by BAU, 2. Seed Production of Pulses by ATMA, 3. Devjan Progressive farmers by Frontline, 4. Agriculture cooperative by IFFCO
11	Brief description of your achievement-	:	Birendra Singh is a versatile farmer having experience of 30 years with enrich knowledge and skills in farming and cultivation. He deals with seed growing and annually indulge in mushroom cultivation on an average business of Rs.15,00,000 per annum. He grows approx. an amount of 400 quintals of paddy seeds per year. He is a regular trainee of KVK, Manpur, Gaya and usually attend almost most of the training conducted by various authorities in KVK. He also deals with vermicompost and this making a profit of Rs. 1,00,000 approx. in a year. He earns an average of Rs. 2,00,000 through his Mushroom business.
12	Any information If available	:	

Success Story -2 Piyush Kumar

Sl. No.	PARTICULARS	:	ANSWER
1	Name of farmer	:	Piyush Raj
	Village	:	Tarwan
	Block	:	Wazirganj
	District	:	Gaya
	Telephone no./Mob. No.	:	7667737816
	Aadhar No.	:	900932937700
2	Area of Farm: < 02 hectare-	:	
	> 02 ha and upto 04 ha.	:	08 acre
	>04 ha	:	
3	Number of milking / any cattle's -	:	
	No. of Cow	:	
	No. of Buffalow	:	
	Others	:	
4	Activities of Residue Management	:	Making Good quality of compost through mushroom spent
5	Area of pond (If yes)	:	
	No. with size	:	
6	Krishi Vigyan Kendra / University from which you are benefitted	:	KVK, Manpur, Gaya



7	Enterprises- (No./Name and their outcome) Attached suitable photograph for each enterprises	:	Swadesh: The Mushroom Era
8	Innovation- Name and source of knowledge and their outcome:	:	Create a Model of for doing in organized business of mushroom for new entrepreneur
9	How many farmer benefitted from your enterprise-	:	200 farmers
10	Average growth rate in last 03 year- Enterprise wise growth rate for last 03 years:	:	300%
10	Prize / award received from any Institute-	:	Jagriti SEA (Mumbai)
11	Brief description of your achievement-	:	After passed 12 th , I was looking for job then suddenly at a college programme, the announcement of mushroom farming training in which they talked about doing mushroom as a business. Which has clicked my mind, for this purpose, I got training at KVK, Manpur, Gaya and taking a proper valuable guidance. After taking training from KVK, Gaya I started an Enterprise Swadesh: The Mushroom Era. There were some challenges, I created a mushroom farm of 7000 Sqft. area for its production. Now a day, production became 100 Kg of Button Mushroom and 125 Kg of Oyster Mushroom. This farm is totally based on seasonal cultivation. Presently in Swadesh: The Mushroom Era, 10 persons are directly employed who doing well job and 100 persons are indirectly employed which has generated employment. In this year, I am also looking forward for better mushroom processing products like – Shake, Biscuits, Pickle, Soup and Powder etc. I am very thankful to KVK, Gaya for providing me perfect knowledge and training of Mushroom cultivation.
12	Any information If available	:	Try to do the best for mushroom growing

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

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

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.

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			
70			70	5	

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.	Celebration of World Soil Day 2018-19 (5 th Dec. 2018)	60	3	1.Hon'ble MP, Gaya, Sri Hari Manjhi 2.Dy. Director, National Horticulture Board, Ministry of Agriculture & Farmer's Welfare, Govt. of India, Patna 3.Asstt. Director, Horticulture, Gaya	50	50

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)

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
20.06.2018	Dr. Prem Kumar, Agriculture Minister, Govt. of Bihar	Interaction of Hon'ble PM, Govt. of India with farmers
09.08.2018	Dr. Prem Kumar, Agriculture Minister, Govt. of Bihar	To distribute certificates to the trained candidates of BSDM (Mushroom Grower)
23.11.2018	Sri Amitabh Gautam, Jt. Secretary, DAC & FW, In-charge of Gaya District	KKA Phase II Program
05.12.2018	Sri Hari Manjhi, Hon'ble MP, Gaya	To celebrate World Soil Day
30.12.2018	Sri Birendra Singh, Ex-MLA, Wazirganj, Gaya	Cleanliness of office premises during Swacchta Pakwada
24.02.2019	Sri Hari Manjhi, Hon'ble MP, Gaya	Live Telecast/Webcast & inauguration of Kisan Samman Nidhi Scheme by Hon'ble PM, Govt. of India
08.03.2019	Dr. Prem Kumar, Agriculture Minister, Govt. of Bihar	Pre-Rabi Sammelan
08.03.2019	Dr. A. K. Singh, Hon'ble VC, BAU, Sabour	Pre-Rabi Sammelan

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)

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

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

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
1. District Agriculture Officer, Gaya	Training to farmers & Extension functionaries
2. Agricultural Technology Management Agency (ATMA), Gaya	Training, Field day, Kisan Mela
3. District Horticulture Office, Gaya	Training
4. Bihar State Forest Development Corporation, Gaya	Training
5. Sugarcane Development Department, Gaya/Patna.	Training / Exhibition / Seminar
6. District Soil Conservation Department, Gaya.	Training
7. National Fertilizer Limited, Gaya.	Seminar, Field day, Training
8. Indian Farmers Fertilizer Co. (IFFCO) Gaya.	Field day, Seminar, Training
9. CWC, Patna	Training
10. Roji – Roti (NGO), Manpur, Gaya.	Training
11. Micro-Mode Management Project Govt. of Bihar, (RAU, Pusa)	Field Demonstration
12. National Horticulture Mission Govt. of Bihar (RAU, Pusa)	Model Horticultural Nursery
13. Agricultural Research Institute Patna.	Nursery Development of Medicinal & Aromatic Plants
14. PRAN Gaya	Training, field day
15. ICAR- Research complex for eastern region, Patna	Demonstration on LEWA irrigation system
16. Paradeep Phosphates Limited, Gaya	Field day
17. Bihar Agriculture Management & Extension Training Institute, Patna	Participation in meeting, Conducting Training Programme, joint implementation etc.
18. NABARD	Training, Workshop, Kisan Club
19.. Jeevika, Gaya	Training, OFT, Field visit
20. Agrabami India, Gaya	Training, FLD, OFT

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.)
KKA Phase II	Upliftment of socio-economic status	02 Oct. – 25 Dec. 2018	Govt. of India	1,20,000
Skill Development Training	Entrepreneurship development	15 Jan – 13 Feb. 2019	RKVY	1,65,200
Skill Development Training	Entrepreneurship development	1 Mar – 28 Mar 2019	RKVY	1,65,200

(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.)

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	1	2015	400	Black Bengal	Kid	17	-	23648	
2.									
3.									
	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 (Rs.)	Gross income	
Moong	17.03.18	24.05.18	1.5	PDM 139	T/L	03.88	24750		
Paddy	31.07.18	08.12.18	3.0	R. Sweta	C/S	120.50	97500		In processing
	16.08.18	28.11.18	1.0	Shabhagi	C/S	40.50	28500		In processing
	07.08.18	22.11.18	0.35	R. Kasturi	C/S	12.25	11375		In processing
	14.08.18	11.12.18	0.10	S. Ardhjal	T/L	04.30	2590		
Lentil	07.12.18	30.03.19	0.10	HUL 57	F/S	30.70	16040		In Godown
Tisi	27.10.18	27.03.19	0.10	Sabour Tisi -2	T/L	0.42	1950		In Godown
Wheat	26.12.18	02.05.19	2.40	S. Nirjal	C/S	48.80	57950		In Godown
	31.12.18	02.05.19	1.25	DBW 14	C/S	16.80	38125		In Godown

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

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.	Goat	Black Bengal	kid	17		23648	

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)
Feb 2019	20	25	
Mar 2019	20	25	
Total :	40	50	

(For whole of the year)

6.6. Utilization of staff quarters

Not Handed over

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Saving(Main A/c)	Punjab National Bank	Dhamitola, Gaya	0179000100225627
Saving(R/F A/c)	Punjab National Bank	Dhamitola, Gaya	0179000100225636

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2019
	Kharif	Rabi	Kharif	Rabi	
Rapseed & Mustard		41800		93291	(-)51451

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2019
	Kharif	Rabi	Kharif	Rabi	
Pigeonpea	90000		86342		3658
Lentil		360000		319163	40837
Chickpea		270000		259472	10528
Greengram		270000		259448	10552
Technology Agent		120000		63705	56295

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8800000	8800000	8306944
2	Traveling allowances	100000	100000	100000
3	HRD	30000	30000	30000
4	Contingencies			
A	Office Expenditure	400000	400000	399276
B	Training of farmers	250000	250000	178636
C	FLD	50000	50000	48592
D	OFT	75000	75000	57957
E	Maintenance of Building	50000	50000	50000
F	Extension activities	45000	45000	44441
G	SCSP General	100000	100000	0
H				
I				
J	Swachhta Expenditure	14000	14000	6300
TOTAL (A)		9914000	9914000	9222146
B. Non-Recurring Contingencies				
1	Vehicle	800000	800000	800000
2	Equipment & Furniture	350000	350000	350000
3	SCSP Capital	100000	100000	100000
4				
TOTAL (B)		1250000	1250000	1250000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		11150000	11150000	10465846

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2015-16	6,15,958.85	7,04,513.00	2,49,709.00	10,70,762.85
2016-17	10,70,762.85	7,55,670.00	3,85,938.00	14,40,494.85
2017-18	14,40,494.85	8,20,656.00	4,93,106.00	17,68,044.85
2018-19	17,68,044.85	8,32,270.00	6,35,212.00	19,65,102.85

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 Abhiyan	24	Kharif			Yes
Rabi Abhiyan	24	Rabi			Yes
KKA Phase I	11	Kharif			Yes
KKA Phase II	11	Rabi			Yes
KKA Phase III	1	Rabi	DAHO, Gaya		

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)
Wilt	Chickpea	10.01.2019	300	15	200
Falsesmut	Paddy	03.11.2019	525	12	320

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

NA

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 NA

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	13	102187
Livestock	5	41007
Fishery	0	0
Weather	0	0
Marketing	1	6243
Awareness	2	16765
Training information	2	14495
Other	0	0
Total	23	180697

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 <i>KVK</i>	
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
15 th Sept. To 2 nd Oct. 2018(Swacchta Hi Seva)	13
16 th Dec. To 31 st Dec. 2018(Swacchta Pakhwada)	1. Awareness of farmers towards cleanliness 2.

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		

5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
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)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		

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.)							Covered by Door Darshan (Yes/No)	Covered by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
08.03.2019	0	0	1	3	3	0	1	360	10	378	No	No

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)
1.					

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)
1.	Awareness to women	6	106	1	Hon'ble prakhand Pramukh, Manpur, Gaya

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 Birendra Singh	Vill.- Tetariya, Manpur, Gaya Mob. No.-9430201005	Seed production

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Seed production	674524	KVK, Gaya
2.	Training Hall	15500	KVK, Gaya
3.	Farmers Hostel	39216	KVK, Gaya
4.	Mushroom Production	1200	KVK, Gaya
5.	Fruit production	17500	KVK, Gaya
6.	Goat	29648	KVK, Gaya
7.	Surf	180	KVK, Gaya
8.	Cabbage	300	KVK, Gaya
9.	Non-seed	108916	KVK, Gaya

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)

NA

- a) Year: 2018-19
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

NA

- 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):

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 Performa

13. Awards/Recognition received by the KVK


NA

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Abhinav Kisan Puruskar	Sri Birendra Singh	2018-19	BAU, Sabour	-	Innovative work in agriculture

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	Mushroom production	1. Mushroom 2. Spawn 3. Value added products 4. Compost production	Rs. 13,75,220/-	25	
2					

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	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)
20.06.2018	Dr. Prem Kumar	Agriculture Minister, Govt. of Bihar	<ul style="list-style-type: none"> • More entrepreneurs developed in the district
09.08.2018	Dr. Prem Kumar	Agriculture Minister, Govt. of Bihar	<ul style="list-style-type: none"> • Increase in production of mushroom in district • Income of farmers will increase
05.12.2018	Sri Hari Manjhi	Hon'ble MP, Gaya	<ul style="list-style-type: none"> • More farmers will go for soil testing • Fertility status of soil will increase
30.12.2018	Sri Birendra Singh	Ex-MLA, Wazirganj, Gaya	<ul style="list-style-type: none"> • The surroundings of farmers will be hygienic • Less occurrence of diseases and pests
24.02.2019	Sri Hari Manjhi	Hon'ble MP, Gaya	<ul style="list-style-type: none"> • Farmers will be able to buy quality inputs in agriculture • Income of farmer will increase
08.03.2019	Dr. Prem Kumar	Agriculture Minister, Govt. of Bihar	<ul style="list-style-type: none"> • Farmers are more benefitted in remote area

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	Mushroom Grower	Dr. Ashok Kumar Mr. Devendra Mandal Dr. Anil Kumar Ravi	15.01.2019	13.02.2019	20	Y	162800.00
	Mushroom Grower	Dr. Ashok Kumar Mr. Devendra Mandal Dr. Anil Kumar Ravi	01.03.2019	28.03.2019	20	Y	165700.00

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										2470	
	NADEP Pit established										251	
	Farm implements distributed											
	Others, if any											
KKA-II	Soil Health Card Distributed										9739	
	NADEP Pit established											
	Farm implements distributed											
	Others, if any											

Krishi Kalyan Abhiyan- III

No. of villages covered	No. of animal inseminated	No. of farmers benefited									Any other, if any (pl. specify)	
		SC		ST		Others		Total				
		M	F	M	F	M	F	M	F	T		
73	1113										1113	

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
1.	Live Telecast/Webcast of interaction of Hon'ble Prime Minister with farmers	20 June 2018	KVK, Gaya	Farmers will be able to buy quality inputs in agriculture	118
2.	International Yoga Day	21 June 2018	KVK, Gaya	To popularize Yoga	16
3.	Interaction of Hon'ble PM with members of SHGs and women groups	12 July 2018	KVK, Gaya	To strengthen the women	126
4.	Parthenium Week Celebration	16-22 Aug., 2018	Gaya	Eradication of parthenium	
5.	SAC meeting	05-09-2018	KVK, Gaya	To finalize Action Plan	65
6.	Swacchhta hi seva	18,19,20 & 22 Sept. 2018	Gaya	Cleanliness	
7.	Visit of Hon'ble V.C., BAU, Sabour on the occasion of Training-cum-distribution of Drumstick nursery	12 Oct. 2018	Bana village, Khizersarai, Gaya	Training-cum-distribution of Drumstick nursery	141
8.	Mahila Kisan Diwas	15.10.2019	KVK, Gaya	To strengthen the women	99
9.	KKA Phase II	02 Oct. – 25 Dec. 2018	Gaya	Krishi Kalyan Abhiyan	-
10.	World Soil Day	05.12.2018	KVK, Gaya	To popularize soil health	70
11.	Swacchta Pakhwada	16 -31 Dec. 2019		Cleanliness	333
12.	Live Telecast/Webcast & inauguration of Kisan Samman Nidhi Scheme by Hon'ble PM, Govt. of India	24.02.2019	KVK, Gaya	Inauguration of Kisan Samman Nidhi Scheme	158
13.	Pre-Rabi Sammelan	08.03.2019	KVK, Amas	To celebrate Pre-Rabi Sammelan	360
14.	Skill development training (ICAR-RKVY)	15 Jan – 13 Feb. 2019	KVK, Gaya	Self-employment	20
15.	Skill development training (ICAR-RKVY)	1 Mar – 28 Mar 2019	KVK, Gaya	Self-employment	20

24. Contingent Plan

S.N.	Crop	Variety	Duration (Days)
1.	Pigeonpea	Pusa-9, Sarad	220-240
2.	Blackgram	PU-30, PU-31	90-95
3.	Horsegram	GB-7, BR-5	95-100
4.	Ragi	RAU-3, BR-706	90-95
5.	Til	Krishna, HT-1	85-90
6.	Jowar	Hybrid	95-100
7.	Bajra	Hybrid	100-110
8.	Mustard	Rajendra Sarson-1	95-100
9.	Grasspea	Ratan, Prateek	105-115

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



Certificate distribution by Dr. Prem Kumar, Hon'ble Agri. Minister, Govt. of Bihar



Viewing Live Telecast/Webcast of interaction of Hon'ble Prime Minister with farmers by Dr. Prem Kumar, Hon'ble Agri. Minister, Govt. of Bihar with farmers and farm women



Viewing Live Telecast/Webcast of Interaction of Hon'ble PM with members of SHGs and women groups by Dr. Prem Kumar, Hon'ble Agri. Minister, Govt. of Bihar



Inaugural ceremony of World Soil Day by Hon'ble MP, Sri Hari Manjhi



Live Telecast/Webcast & inauguration of Kisan Samman Nidhi Scheme by Hon'ble PM, Govt. of India



Pre- Rabi Sammelan
