

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

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
K.V.K., Gandhar, Jehanabad (Bihar)	9431479522		jehanabadkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Bhagalpur, (Sabour) PIN – 848125	0641-2458611	0641-2452604	deebausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. (Mrs.) Shobha Rani	-	9431479522	jehanabadkvk@gmail.com

1.4. Year of sanction of KVK: 2006 [Sanction Order F. No. 18027/960AE0I (Pt.)

Date of Sanction 24.03.2006

Year of Inception = 2006

1.5. Staff Position (as on 1st April, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	Programme Coordinator	Dr. (Mrs.) Shobha Rani	Sr. Scientist & Head	Home Science	37000-67000 GP-9000 Basic- 50720	15.05.2012	Permanent	Gen
2	Subject Matter Specialist	Dr. Dinesh Mahto	Subject Matter Specialist	Animal Science	15600-39100 GP-5400 Basic- 25080	16.04.2012	Permanent	Gen
3	Subject Matter Specialist	Er. Jeetendra Kumar	Subject Matter Specialist	Agril. Engg.	15600-39100 GP-6000 Basic- 29950	07.04.2012	Permanent	BC
4	Subject Matter Specialist	Dr. Wajid Hasan	Subject Matter Specialist	Entomology	15600-39100 GP-5400 Basic- 25080	16.04.2012	Permanent	Gen
5	Subject Matter Specialist	Sri Ajit Kumar Paswan	Subject Matter Specialist	Agronomy	15600-39100 GP-5400 Basic- 25080	19.04.2012	Permanent	SC
6	Subject Matter Specialist	-	-	-		-	-	-
7	Subject Matter Specialist	-	-	-		-	-	-
8	Programme Assistant	Kundan Kumar	Programme Assistant (Lab. Tech)		9300- 34800 GP-4200, Basic- 16140	29.10.2012	Permanent	BC
9	Computer Programmer	Manoj Kumar	Programme Assistant (Comp.)	-	9300- 34800 GP-4200, Basic- 15670	13.05.2013	Permanent	Gen
10	Farm Manager	Ram lakhan Thakur	Farm Manager	-	9300- 34800 GP-4200, Basic- 16140	26.10.2012	Permanent	EBC
11	Accountant / Superintendent	Dhananjay Kumar	Office Superintendent – cum-Accountant	-	9300- 34800 GP-4200, Basic- 15670	15.04.2013	Permanent	Gen
12	Stenographer	Abhay Kumar	Stenographer	-	5200- 20200, GP-2400, Basic- 13670	17.07.2013	Permanent	Gen
13.	Driver	Ayush Kumar	Driver		5200- 20200, GP-2000, Basic- 8990	11.05.15	Permanent	SC
14.	Driver	Vijay Kumar	Driver	-	5200- 20200, GP-2000, Basic- 9260	18.05.15	Permanent	EBC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1.	Under Buildings	1.00
2.	Under Demonstration Units	0.35
3.	Under Crops	6.00
4.	Orchard/Agro-forestry	0.276
5.	Pond	0.836
6.	Polyhouse	0.06
7.	Green House	0.008
8.	Vermicompost	0.00038
9.	Under Roads	1.46962

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Yes	500m ²	under use	ICAR
2.	Farmers Hostel						300m ²	Yes	ICAR
3.	Staff Quarters (6)						315m ²	under use	ICAR
4.	Piggery unit								
5.	Fencing					50% Comp.	2650ft ²		ICAR
6.	Rain Water harvesting structure						-		-
7.	Threshing floor						40m ²	Yes	ICAR
8.	Farm godown						70m ²	Yes	ICAR
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								

12.	Mushroom Lab								
13.	Mushroom production unit					Yes	750 m ²	Yes	ICAR
14.	Shade house					Yes	750 m ²	Yes	ICAR
15.	Soil test Lab								
16	Others, (Seed Processing Unit)						60m ²		RAU
17	Veg. Processing Unit					Yes	50 m ²	Yes	ICAR

* 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 as on 31.03.2019	Present status
BOLERO-LX BR IAP 4996	29.06.2006	4,15,436.50 + 12.5% VAT	193286	Auctioned
Motor bike, BR01CR 8038	2015-16	60000	11222	Functional
Motor bike, BR01CR 8039	2015-16	60000	10346	Functional
Bolero BR 25 P 8971	2018-19	674299.82	29625	Functional

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
P.P Cap Sealing Machine	2015-16	10000	Working	ICAR
Crown corcking machine	2015-16	7000	Working	ICAR
Lug Cap sealer	2015-16	12000	Working	ICAR
Heavy Duty Mixture Grinder	2015-16	12000	Working	ICAR
Pulper	2015-16	30000	Working	ICAR
Fruit mill junior	2015-16	12000	Working	ICAR
Dehydrator Electrical	2015-16	70000	Working	ICAR
Vacuum Filer	2015-16	33000	Working	ICAR
Vegetable Juicer	2015-16	32000	Working	ICAR
Bio-metric system	2013-14	24750	Working	ICAR
Cabinet	2013-14	4750	Working	ICAR
Battery	2013-14	4950	Working	ICAR

b. Farm machinery				
Tractor	22-07-08		Working	Received from DEE, RAU Pusa
Mobile Seed Processing machine		-	Working	Received from Bihar Govt.
Power Reaper	2013-14	100000	Working	ICAR
Power Reaper	2011-12	86700	Working	NICRA
c. AV Aids				
LCD Projector & Accessories	2010-11	47736.00	Good	ICAR
Multimedia Projector	2010-11	33750.00	Good	ICAR
Digital Copier	2010-11	63898.00	Need Repair	ICAR
Stabliser	2010-11	7800.00	Need Repair	ICAR
Desktop Computer with monitor (NICRA)	2010-11	43434.00	Good	ICAR
HP Laser Printer (NICRA)	2010-11	5938.00	Good	ICAR
UPS System (NICRA)	2010-11	2000.00	Good	ICAR
P/A System	2010-11	25451.00	Good	ICAR
HD 8000HD	2015-16	222823.10	Good	ICAR
MPT Camera	2015-16		Good	ICAR
MIC	2015-16		Good	ICAR
Panasonic 47 LED	2015-16	69565.00	Good	ICAR
Dell Monitor	2015-16	62839.00	Good	ICAR
CPU	2015-16		Good	ICAR
8/16 Ethernet switch	2015-16	3194.00	Good	ICAR
Wall Mount Rack	2015-16	4259.00	Good	ICAR
Patchcord	2015-16	426.00	Good	ICAR
Patchcord (Digni Link)	2015-16	213.0	Good	ICAR
UPS 5KVA Orian	2015-16		Good	ICAR
Battery	2015-16		Good	ICAR
Rack	2015-16		Good	ICAR
Microtake UPS	2015-16	2975.00	Burned by electric Short Circuit in PC chamber.	ICAR
Video conferencing unit	2015-16	-	Working	Provided by BAU, Sabour
Mridaprikshak Soil test lab.	2015-16	75000	Working	NICRA
AC + Stablizer	2015-16	43100	Working	ICAR
RO water purifier+ Accesories	2015-16	20000	Working	ICAR
Computer System (Monitor, CPU, UPS, Laptop)	2015-16	82583	Working	Provided by BAU, Sabour
CCTV camer & DVR	2015-16	21000	Working	Provided by BAU, Sabour
LED flood light	2015-16	6500	Working	Provided by BAU, Sabour
Sound System	2015-16	30165	Working	Provided by BAU, Sabour

Video Camera (Sony)	2015-16	82871	Working	Provided by BAU, Sabour
Projector with Tripod Projector Screen (Sony)	2015-16	52000	Working	Provided by BAU, Sabour
Xerox Photo Copier cum printer	2016-17	57142.86	Working	Provided by BAU, Sabour
Xerox Drum Catrige	2016-17	20296.19	Working	Provided by BAU, Sabour
Xerox Toner Catrige	2016-17	6308.58	Working	Provided by BAU, Sabour
Trolly Photo Copier	2016-17	5502.18	Working	Provided by BAU, Sabour
Stablizer for photocopier	2016-17	4585.15	Working	Provided by BAU, Sabour
Computer Table	2016-17	3450	Working	ICAR
Water Cooler+ Euro Aqua	2016-17	59500	Working	Provided by BAU, Sabour
LED TV 32(Panasonic)	2016-17	27200	Working	Provided by BAU, Sabour
Still Photographic camera (Canon)	2016-17	29600	Working	Provided by BAU, Sabour
External hard Drive (Lenovo) 1 Tb	2016-17	5600	Working	Provided by BAU, Sabour
Vacuum Cleaner	2016-17	9950	Working	Provided by BAU, Sabour
Fire Extinguisher	2016-17	9649	Working	Provided by BAU, Sabour
Bolero	2018-19	674299.82	Working	Provided by BAU, Sabour
Bolero accessories	2018-19	25800.00	Working	Provided by BAU, Sabour
Bio metric Nitegen E (BSDM)	2018-19	5000.00	Working	Provided by BAU, Sabour
UPS	2018-19	2450	Working	Provided by BAU, Sabour
Soil testing kit including reagent	2018-19	85008.00	Working	Provided by BAU, Sabour
Fire extinguisher 6 kg	2018-19	2950.00	Working	Provided by BAU, Sabour
Gumboot for sprayer	2018-19	1514	Working	BSDM training
Delivery set (rocker) sprayer	2018-19	11536.00	Working	BSDM training
Pesticides & fertilizer equipments (25)	2018-19	834.00	Working	BSDM training
Steel almirah	2018-19	5900.00	Working	ICAR
Veterinary kit	2018-19	6812.00	Working	ICAR
Supreme turbo chair (90)	2018-19	82800.00	Working	ICAR
Visitor chair (Silk back cusion)	2018-19	24000.00	Working	ICAR
Soil Health card board (Iron)	2018-19	10920.00	Working	ICAR
Iron gril gate	2018-19	7700.00	Working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Zerotill seed cum fert. Drill	2011-12	57750	working	NICRA, RKVY
Rotavator	2011-12	99750	working	NICRA, RKVY
M.B Plough	2011-12	20160	working	NICRA
Disc Harrow	2011-12	38325	working	NICRA

Leveller	2011-12	13125	working	NICRA
Cultivator	2011-12	25725	working	RKVY
Multicrop thresher	2011-12		working	RKVY
Conoweeder	2011-12	1850	working	ICAR
winnower	2011-12	2850	working	ICAR
M.B Plough	2006-07		working	Received from DEE, RAU Pusa
Disc Harrow	2006-07		working	
Leveller	2006-07		working	
Brush cutter	2015-16	28300	Working	ICAR
Paddy transplanter	2016-17	190000	Working	NICRA
Raised bed planter	2016-17	70000	Working	NICRA
Direct seeded rice machine	2016-17	65000	Working	NICRA
Bund Farma Disc model	2016-17	18780	Working	NICRA
Portable water lifting set	2018-19	20500	Working	NICRA

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	04.09.2018	36	OFT preparation on the basis of climate change or envirmetal change	OFT title "Mitigation of heat stress impact on buffalo reproduction and milk production during summer season" will be conducted in 2019-20	NA
			Participation of District Animal husbandry Dept. of Jehanabad for Technology transfer	Attended meeting for different technology of animal Sc. and attended animal health camp and vaccination camp	
			Source of technology of OFT should be based on Indian Research Institutes	Will be considered	
			Locally available (Grown) millets should taken in OFT on Millets	OFT on ragi has been done	
			Technical support should be provided to the district line department	Being provided in rabi & kharif abhiyan	
			Information of KVK activities should be sent to district line department	Regularly being sent	

			OFT- Line sowing of Lentil should be Convert in FLD	OFT on zero tillage lentil has been done	
			Technical support to FPO	Technical advice to 2 FPO is being provided	
			Banking should attend Kishan Choupal	-	
			Prepare master training & SHGs Group	Being followed	
			KVK action Plan should send to Jeevika, Bank and other line department	Has been circulated	
			Take advice from farmers while designing action plan of KVK	Opinion of farmers has been made	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Paddy – Wheat/pulses- Moong (paddy- wheat/pulses-Moong). Also cultivation of oil seeds (Rai, Mustered), Potato, vegetables
2	Agro-climatic Zone	NARP Zone – III B: The area is alluvial plains with general slope towards North to East. The soils of the zones are classified as old alluvial. The agro climatic condition of the district offers excellent scope for plantation, medicinal and horticultural crops.
3	Agro ecological situation	Humid-hot climate: Rich in both ground and surface water resources and thus it is suitable for agriculture and fishery development
4	Soil type	Old alluvial-Clay: Hard in texture and low in organic matter contents Old alluvial – Loamy:Comparatively brittle and high in organic matter contents
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice- 26.79,Wheat-26.39.0, Chickpea-9.57, Lentil-8.70, Oilseeds- 8.54Qt./ha
6	Mean yearly temperature, rainfall, humidity of the district	Mean temp. max=32.84 ⁰ min=15.62 ⁰ , Humidity Max=99% Min=26.66%, Mean Annual rainfall=1051mm
7	Production of major livestock products like milk, egg, meat etc.	Cattle average milk productivity- 9000 L/ day Population: Poultry (Desi)- 34.71 lakh, Improved poultry- 9.62

		lakh, duck- 5200, Swine- 16970, goat- 72771, cow- 80090, buffalo- 1.28 lakh
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Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Jehanabad	Modanganj	Jaikishunbigha	Paddy, wheat, pulses	False smut, stem borer in paddy, Drought in kharif, Supplement of Mineral Mixture with fodder seed, turmeric	Integrated pest and disease management, Nutritional management.
2.		Kako	Keshopur	Paddy, wheat, pulses, vegetable, oilseed	Water and weed management, insect-pest management in different crops, improved varieties of different crops including vegetables, spice	Water and weed management
3.		Modanganj	Rampur charui	Paddy, wheat, pulses, oilseed, livestock	False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, water management	Integrated pest and disease management, livestock management
4.		Kako	Safeapur	Paddy, wheat, vegetable	False smut, stem borer, red spider mite in brinjal & okra, YVMV, Fruit & shoot borer in okra, spice turmeric, CFLD mustard	Integrated pest and disease management
5.		Kako	Khalispur	Paddy, wheat, pulses, flower	False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, spice var. turmeric	Integrated pest and disease management, Weed management
6.		Ghosi	Shahpur	Paddy, wheat, pulses, oilseed	False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, RCT	Integrated pest and disease management, Weed management, water management
7.		Modanganj	Sakrorha	Paddy, wheat, pulses, oilseed, livestock	Natural Resource Management, Water management, False smut, stem borer, gandhi bug in paddy, pink borer and termite in wheat, Supplement of mineral mineral mixture & fodder seed, infertility & repeat breeding in cattle, PPR in goat, contagious disease of poultry, Nutritional deficiency in cattle, improved poultry breed, goat breed distribution	Water conservation, IPM, livestock management
8.		Modanganj	Bandhuganj	Paddy, wheat, pulses, oilseed	BPH, False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, RCT in lentil	Integrated pest and disease management, RCT
9.		Ratni Faridpur	sesamba	Paddy, wheat, pulses, oilseed, livestock	False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, PPR in goat, infertility in cattle	Integrated pest and disease management, Nutritional management in cattle
10		Makhdumpur	Sarthua	Paddy, wheat, pulses, Vegetables	False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, Fruit borer and blight in brinjal	Integrated pest and disease management

11		Modanganj	Dhamapur	Paddy, wheat, pulses	CFLD on chickpea, lentil, Zero tillage wheat	Resource conservation
12		Makhdumpur	Dharaut	Paddy, wheat, pulses, oilseed, poultry	Insect-pest management in different crops, improved varieties of different crops	Poultry management, vermi compost
13		Kako	Afjalpur	Paddy, wheat, pulses	CFLD ,Lentil variety, training	Pulse cultivation
14		Modanganj	Arhit	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
15		Modanganj	Chhotaki Akauna	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
16		Ghosi	Daharpur	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
17		Modanganj	Mustafapur	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
18		Ghosi	Chhapanna	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
19		Jehanabad	Kumbhwa	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
20		Modanganj	MaulaBigha	Paddy, wheat, pulses, oilseed	Resource conservation	Use of Zero Tillage Machine
21		Modanganj	Mananpur	Paddy, wheat, pulses	DSR	RCT
22		Jehanabad	Muther	Paddy, wheat, pulses	RCT	RCT
23		Makhdumpur	Tilkai	Paddy, wheat, pulses	Pink borer in wheat	IPM
24		Modanganj	Mustafapur	Paddy, wheat, pulses	Disease management in chickpea & lentil, insect management in wheat	IPM, chickpea CFLD
25		Makhdumpur	Tarhua	Paddy, wheat, pulses	CFLD green gram	Summer pulses
26		Kako	Satanpur	Paddy, wheat, pulses, oilseed	CFLD mustard	Oilseed cultivation
27		Modanganj	Rukanpura	Paddy, wheat, pulses, oilseed, spice	Spices (Turmeric cultivation)	Spices cultivation
28		Makhdumpur	Dayabigha	Paddy, wheat, pulses, oilseed, spice	Spices (Turmeric cultivation)	Spices cultivation
29		Ghosi	Korma	Paddy, wheat, pulses	Improved paddy variety	Paddy cultivation
30		Ghosi	Dhotalbigha		CFLD mustard	Oilseed cultivation
31		Modanganj	Karhara	Paddy, wheat, pulses	Phosphorus deficiency	INM
32		Ratni Faridpur	Maulachack	Paddy, wheat, pulses	CFLD mustard, latesown wheat	Oilseed cultivation, wheat
33		Kako	Bhadsara	Paddy, wheat, pulses	CFLD on Sesamum	Oilseed cultivation

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
Jaikishunbigha	Modanganj	CFLD on lentil, chickpea, Vermi compost production, Technology demonstration for additional income (Livestock, Kitchen Gardening), Spice cultivation (Coriander), Drought tolerant paddy (Ardhahal, S. Surbhit), Paddy cultivation by SRI method, DSR paddy, Food preservation, Short duration potato, planting materials of fruits. Participation in Kharif & Rabi Kisan Sammelan, soil day, exposure visit, Rabi kisan mela, kharif kisan mela, backyard poultry, participatory seed production, sankalp se sidhi programme, exposure visit at ICAR-RCER, Patna, BLOTP organized, OFT on Bhindi cutter etc.
Keshopur	Kako	Water and weed management, insect-pest management in different crops, improved varieties of different crops including vegetables, spice, drought tolerant paddy variety Sahbhagi, Direct sowing of paddy by paddy seeder, Mulching in okra, training, Kisan club formation and running, participation in BAU Kisan Mela and exhibition, , soil day, participation in horticultural exhibition, Participation in Rabi Mela 2019 at KVK campus , Swachha Bharat Mission programme, demo on oilseed and pulses, exposure visit, IPM in vegetable, Kitchen Gardening, conducted OFT water management, participation in Agrotech programme, BLOTP programme, participation in PPV&FRA programme & Live telecast of Hon'ble PM addressing
Rampur charui	Modanganj	Vaccination programme, CFLD on pulses, infertility camp, OFT, FLD (Mineral Mixture, fodder grass), training, Animal Health camp, Management of milk collection. Participation in PMFBY, Kharif & Rabi Kisan Mela, soil day, Rabi kisan mela, kharif kisan mela, FLD on DSR, CFLD on oilseed and pulses, BLOTP organized etc.
Safepur	Kako	Promoted vegetable cultivation by training, conducting OFT on disease and pest management in wheat, paddy, Technology demonstration for extra income generation via Kitchen Gardening, Rural Youth training on Bee keeping, Kisan club, participation in BAU Kisan Mela, Technology demonstration to promote pulse production (Lentil var. HUL 57) and oilseeds (Rapeseed-mustard var. R. suflam), Exposure visit of farmers, Kharif & Rabi Kisan Sammelan, soil day , Swachha Bharat Mission programme, CFLD on oilseed and pulses, BLOTP organized, CFLD moong (var. Samrat), participation in Agro tech Bihar, Kishan mela
Khalisapur	Kako	CFLD on lentil var. HUL-57, fieldpea var. Prakash and mustard var. R suflam, FLD on late sown wheat var. HI-1563, turmeric var. Rajendra Sonia, paddy var. HI-1563, paddy var. sahbhagi, trained farmers for vermicompost production, INM in different crops, participation in kharif, rabi kisan sammelan, soil day, swachh bharat abhiyan, CFLD on oilseed & pulses and kisan club

2.1 Priority thrust areas

S. No	Thrust area
1.	Quality seed production
2.	Crop diversification.
3.	Integrated Disease Management.
4.	Promotion of agri-enterprises i.e. Beekeeping, Vermi Compost Production, Plant Health Clinic & Mushroom Production for self-employment and income generation among rural youths
5.	Promotion of Resource conservation Technologies.
6.	Gender mainstreaming through SHG's.
7.	Integrated Pest Management.
8.	Promotion of Biofertilizers application & organic farming system.
9.	Skill up gradation in livestock management for income generation.
10.	Nutritional Management in cattle.
11.	Water management with respect to climate change.

3. TECHNICAL ACHIEVEMENTS

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

OFT											FLD										
No. of technologies tested: 13											No. of technologies demonstrated: 16										
Number of OFTs		Number of farmers									Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement						
10	13	175	SC		ST		Others		Total			10	16	200	SC		ST		Others		Total
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	T
			1	4	0	0	14	16	1	2	1				33	1	0	0	2	22	2
			3				2		5	0	7					9			1	5	9
									5		5							7		0	1

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities				Number of participants							
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
200	211	5000	SC		ST		Others		Total			1000	1371	5000	SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
				1039	603	0	0	5360	752	6457	1384				472	277	0	0	2459	2372	2931	2549	580

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		
5000	7814	M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
		260	158	0	0	430	152	690	310	1000	5000	5480	112	189	0	0	213	46	325	235	500

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
Crop Paddy-200 Wheat-120 Veg. pea- 3.0	Crop Paddy-150 Wheat-102 Veg. pea- 3.05	Crop Brinjal-0.040 Chilli- 0.020 Cauliflower- 0.020 Tomato- 0.040	Crop Brinjal-0.042 Chilli- 0.021 Cauliflower- 0.026 Tomato- 0.04725
Total- 323.0	Total- 255.5	Total- 0.120	Total- 0.13625

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

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
	Research paper published: Rani Shobha and Kumar Devendra (2018). Factors affecting acceptance of biogas stove by rural women, Journal of Pharmacognosy and Phytochemistry. SP4: 377-379. (International Conference on Food Security and Sustainable Agriculture (Thailand on 21-24 December, 2018).	-	-	NAAS score: 5.21	-	-	-
	Rani Shobha, Mahto D. and Kumar D, (2018). Nutrition security and income generation through poultry farming, International Journal of Chemical Studies. SP4: 196-198. (International Conference on Food Security and Sustainable Agriculture (Thailand on 21-24 December, 2018).	-	-	NAAS score: 5.31	-	-	-
	Kumar Devendra, Singh K.M. and Rani Shobha, (2018). Effect of sowing of wheat with Zero tillage and conventional methods on soil fertility in Vaishali district of Bihar, Journal of Pharmacognosy and Phytochemistry. SP4: 318-320.	-	-	NAAS score: 5.21	-	-	-

	(International Conference on Food Security and Sustainable Agriculture (Thailand on 21-24 December, 2018)).						
	Kumar Devendra and Rani Shobha, (2018). Storage practices of moong at farm level in Vaishali District of Bihar- A case study, International Journal of Chemical studies, . SP4: 06-07. (International Conference on Food Security and Sustainable Agriculture (Thailand on 21-24 December, 2018)).	-	-	NAAS score: 5.31	-	-	-
	Kumar Devendra and Rani Shobha, (2018). Impact of resource conservation technologies in rice wheat system of Vaiahali district (Bihar), (2018). International Journal of Chemical studies, . SP4: 163-165. (International Conference on Food Security and Sustainable Agriculture (Thailand on 21-24 December, 2018)).	-	-	NAAS score: 5.31	-	-	-
	Rani Shobha and Kumar Devendra (2018). Subject Matter Knowledge of Anganwadi Workers (ICDS) in different areas of competencies. (International Journal of Pure & Applied Bioscience). SP1: 6(3): 688-691.	-	-	-	-	-	-
	Rani Shobha and Kumar Devendrand Kumari, M. (2019). Impact of Nutrition Training on Knowledge of rural women, Buttetin of Environment, pharmacology and life Science, 8(3):96-98. (International Journal of Pure & Applied Bioscience).	-	-	NAAS score: 4.95	-	-	-
	Invited Speaker/Leacture on Crop diversification as an a;roach for sustainable agriculture in climate change scenario in National Seminar on RAASRD-2019 on 15-17 March, 2019 at VKSCOA, Dumraon, Bihar	-	-	-	-	-	-
Seminar/conference/ symposia papers	Paper presented in Symposium/Conference/Seminars ➤ WajidHasan ,NidaAsif and N.K. Singh 2018. Efficacy of sub lethal doses of insecticides on	-	-		-	-	-

	mustard aphid, <i>Lipaphis erysimi</i> Kalt. and its predator ladybird beetle, <i>C. septempunctata</i> . 2 nd International Conference on Agriculture, 29-31 Mar-2018 Dhanbad Jharkhand. P88						
	Wajid Hasan , Shobha Rani and R K Sohane 2018. On Farm Trial on Management of YVMV Vector White Fly, <i>Bemisia tabaci</i> on Okra. <i>International Conference Agriculture, Allied and Applied Sciences</i> , April 28-29 at JNU Convention Centre, New Delhi. P33	-	-		-	-	-
Books	Book Published= Singh, J.; Nigam, R.; Hasan, W. and Singh, R. 2018. Advances in Agriculture and Biodiversity. pp 196. Edited: Kailbri International Educational Trust Meerut Ghaziabad. ISBN: 978-81-937080-0-2	-	-		-	-	-
	Hasan W. , Nigam R., Singh J., Singh R. and Naz H. 2018. Recent Trends in Integrated Pest and Disease Management. <i>Edited: Weser Books, Zittau, Germany</i> , ISBN : 978-3-96492-078-2; PP 177.	-	-		-	-	-
	Singh J., Hasan W. , Nigam R., Tiwari P. and Jakhar SR. 2018. Integrated Farming System: The Future of Agriculture. <i>Edited: Weser Books, Zittau, Germany</i> , ISBN : 978-3-96492-050-8; PP 179.	-	-		-	-	-
	Nigam R., Singh J., Hasan W. , Kapoor N., Bairwa S. L., Kumar M. and Kumar A. 2018. New Initiative in Agriculture and Rural Development. <i>Edited: Weser Books, Zittau, Germany</i> , ISBN : 978-3-96492-081-2; PP 262.	-	-		-	-	-
Bulletins	Technical Bulletin: Dinesh Mahto , Shobha Rani and Jitender Kumar (2019). <i>xjhcksa dk , -Vh-, e-% cdjh ikyu, Kheti bari</i> , Bameeti, Patna.	-	-		-	-	-
	Dinesh Mahto (2018) <i>International conference on “Advance in</i>	-	-		-	-	-

	Agricultural ,Biological and Applied sciences for sustainable future” organized by Agricultural Technology Department society Gaziabad U P India at 20- 22 october ,2018 at Sardar Patel auditorium swami vivekanand subharti university ,Meerut UP India						
	Research Abstract:- Shobha Rani and Dinesh Mahto (2018) Dynamics of fodder marketing in Bihar :An Insight , <i>National farmers science congress.</i> 05-07 , August organized by BAU Sabour, Bhagalpur pag no. 38.	-	-		-	-	-
	Shobha Rani and Dinesh Mahto and Devender Kumar (2018). Contribution of farm women towards dairy farming , <i>International conference on rural livelihood improvement for enhancing farmers income through sustainable innovative agri and allied enterprises (RLISAAe)</i> organized by SURE , Varanasi ,BAU S abour and ICAR Patna , 30 Oct to 1 Nov ,2018 , at BIT ,Mesra campus Patna Bihar Page no 181.	-	-		-	-	-
News letter	Krishak Samachar- Quartery news letter	-	-		-	-	-
Popular Articles		-	-		-	-	-
Book Chapter	Book Chapter Published 1. Rajendra Singh, Rishi Pal, Rashmi Nigam, Joginder Singh, WajidHasan 2018. Principles of bio-intensive pestmanagement. In: <i>Ecofriendly Agriculture Enhancing Crop Productivity.</i> Ed: Nigam R. et al 2018., Published by Anu Books, Meerut India. PP 167-195.	-	-		-	-	-
	Pankaj Kumar , PK Pandia, Dinesh Mahto, Abhay Kumar and A Kumari (2018) Sero-epidemiology of Bluetongue and Caprine arthritis -encephalitis in goats of middle Indo-Gangetic plains. <i>Indian journal of Animal Science</i> , 88 (1): 26–29.	-	-	6.28	-	-	-
	Shobha Rani, Dinesh Mahto and Deveder kumar (2018). Nutritional security and income	-	-	5.31	-	-	-

	generation through poultry farming . <i>International journal of chemical studies</i> .,SP 4, 196- 198.						
	. Dinesh Mahto and Maroof Ahmad (2018) .Comparative effect of pre & post A.I. antibacterial drugs infusion in repeat breeding cross bred cows. <i>Journal of livestock Biodeversities</i> , 2(7):96- 100	-	-	2.38	-	-	-
	Dinesh Mahto M.P. Sinha and B.K. Roy (2018) Effect of Ceftriaxone after single intramuscular administrative endometritis cow. <i>International journal of pure and applied Bioscience</i> ., SPI:6(3): 707-713.	-	-	4.74	-	-	-
	1. Book Chapter: 01 (Herbicide Mixture For Weed Management In Field Crops; Shivnath Das, Ajit Kumar Paswan , Rajan Kumar and Wajid Hasan Advances in Biodiversity Conservation for Sustainable Development 2018, 315-320). 2. Jeetendra Kumar, WajidHasan and A. K. Paswan 2018. Resource conservation through laser leveling of agricultural land: a review. In: Advances in Agriculture and Biodiversity. Ed: Singh, J., Nigam, R., Hasan, Wajid and Singh, R. Parmar Publishers and Distributors Dhanbad, India pp 30-31.	-	-		-	-	-
	Research Paper Published Sohrab, CS Prasad and WajidHasan 2018. Study on the biology and life cycle of cucurbit fruit fly, <i>Bactrocera cucurbitae</i> (Coquillett). <i>Journal of Pharmacognosy and Phytochemistry</i> ; SP1: 223- 226. HasanWajid , AsifNida, Patel Shweta, Singh N. K. and Singh Rajendra 2018.Efficacy of sub lethal doses of Insecticides on mustard aphid, <i>Lipaphis erysimi</i> Kalt. <i>International Journal of Agricultural Invention</i> 3(1): 16 –19. Sohrab, Hasan, W. and Prasad, C.S. 2018. Investigation on Level of Infestation and Management of Cucurbit Fruit Fly,	-	-		-	-	-

	Bactroceracucurbitae (Coquillett) in Different Cucurbit Crops, International Journal of Current Microbiology and Applied Sciences . 6(5): 1276-1288.						
	Wajid Hasan , Nida Asif, Joginder Singh, Rajendra Singh, Shikha Ahlawat and Sohrab 2018. Eco friendly management of Stored grain pests. In: <i>Ecofriendly Agriculture Enhancing Crop Productivity</i> . Ed: Nigam R. et al 2018., Published by Anu Books, Meerut India. PP 196-211.	-	-		-	-	-
	Manuals (Published by Publisher) Kumar M., Singh, S. K., Kumar V., Chandra, S. K., Kumar J. and Hasan W. 2019. Practical Manual of Soil Physics. Kalyani Publishers New Delhi, ISBN: 978-93-5359-282-0. PP 87.	-	-		-	-	-
	Shikha Ahalavat, Puneet Kumar, Wajid Hasan , Ashok K. Chaubey 2018. Nematode community structure as biological indicator of agroecosystem health. In: <i>Ecofriendly Agriculture Enhancing Crop Productivity</i> . Ed: Nigam R. et al 2018., Published by Anu Books, Meerut India. PP 279-293.	-	-		-	-	-
Extension Pamphlets/ literature	Best Oral/Poster Received Best Oral Presentation Award (Second Position) for oral presentation “ Management of leaf folder, <i>Cnaphalocrossis medinalis</i> (Guenee) in Paddy” in National Seminar on NPPHM-2018 held during November 17-19, 2018 at BAU Sabour, Bhagalpur, Bihar.	-	-		-	-	-
Technical reports	MPR (English), MPR (Hindi), QPR (April-June 2018, July-Sept. 2018, Oct.- Dec. 2018, Jan.- March 2019) Annual Progress Report (2018-19) of KVK • Annual Action Plan (2019-20) of KVK • Annual Report (2018-19) of NICRA • Annual Action Plan (2019-20) of						

	NICRA • Extension Council Report (April-Sept. 2018, Oct. 2018- March 2019) NICRA QPR (April-June 2018, July-Sept. 2018, Oct.- Dec. 2018, Jan.- March 2019)						
Electronic Publication (CD/DVD etc)							
TOTAL							

1 Achievements on technologies assessed and refined

OFT:1 Agronomy

1.	Title of On Farm Trial	To assess the “Biological Weed Management through Rice-Duck Farming”.
2.	Problem diagnose	Use of herbicide affects soil health, human health and the environment.
3.	Details of technologies selected for assessment/refinement	Farmers Practice : Manual weeding Technical Option 1: Rice + Herbicide Technical Option 2: Rice-Duck Farming
4.	Source of Technology	BRRI, Bangladesh
5.	Production system and thematic area	Rice-Wheat/Lentil
6.	Performance of the Technology with performance indicators	Due to low rain fall, no stagnation of water observed in rice field and hence, weeding through duck was not possible.
7.	Final recommendation for micro level situation	Not recommended for Jehanabad district.
8.	Constraints identified and feedback for research	This year, low rainfall occurred, no water stagnation in paddy field was observed. Farmers are not able to do weeding through duck.
9.	Process of farmers participation and their reaction	Actively participated but unable to move further with this technology.

Thematic area: Weed Management

Problem definition:

Use of herbicides is costlier and harmful to human, soil and animal health.

In case of manual weeding, labor availability is itself a problem and costlier.

Technology assessed:

Farmers Practice : Mannual weeding

Technical Option 1: Rice+Herbicide

Technical Option 2: Rice-Duck Farming

Table:

Technology option	No. of trials	No. of weeds/m ²	Growth of duck(Kg)	No. of eggs laid/duck	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer Practice: Mannual weeding	5	57	-	-	40.4	33400	70700	37300	2.11
Rice+Herbicide (Bispyribac Sodium)	5	36	-	-	42.2	32500	73850	41350	2.27
Rice-Duck Farming	5	106	1.0	160	29.5	31800+8000(Duck rearing cost)=39800	51625+24000(From Duck)=75625	35825	1.90

Results:

Results reveal that the paddy plots treated with Bispyribac Sodium were recorded highest yield (42.20 q/ha) and cost benefit ratio (2.27) followed by manually weeded plots, the yield recorded as 40.40 q/ha and cost benefit ratio (2.11). Whereas the plots with duck weeded were recorded the lowest yield (29.5 q/ha) and cost benefit ratio (1.90). The observation on rice-duck weed management was such that no weeding being done due to late onset of rainfall and low rainfall this year. Weeding through duck was not performed due to absence of stagnant water in the rice field. Hence, rice- duck weed mangement is not recommended for Jehanabad district of bihar. Therefore it can be concluded that Herbicidal weed management can be followed in paddy.

OFT-2 Agronomy

1.	Title of On farm Trial	To assess the “Weed Control Effects on the Wheat- Legume Intercropping.”
2.	Problem diagnose	Use of herbicide affects soil and human health.
3.	Details of technologies selected for assessment/refinement	Farmers Practice : Sole wheat (Use of post emergence herbicides) Technical Option 1: Wheat (2 rows) + Pea (2 rows) Technical Option 2: Wheat (3 rows) + Pea (3 rows)
4.	Source of Technology	The University of Agriculture, Peshwar
5.	Production system and thematic area	Rice-wheat/Lentil Production system, Weed Management
6.	Performance of the Technology with performance indicators	Refer to table no. 2
7.	Final recommendation for micro level situation	The treatment with 2:2 (wheat: pea) is recommended for better weed control in wheat- pea intercropping.
8.	Constraints identified and feedback for research	Lack of multi crop seeder machine.
9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology

Thematic area: Weed management

Problem definition: Use of herbicide affects soil and human health. Weed reduces around 30% of wheat yield.

Technology assessed:

Farmers Practice : Sole wheat (Use of post emergence herbicides)

Technical Option 1: Wheat (2 rows) + Pea (2 rows)

Technical Option 2: Wheat (3 rows) + Pea (3 rows)

Table2: Economics:

Technology option	No. of trials	Weed (Fresh) bio-mass g/m ²	Yield (q/ha)	Percent increase	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers Practice : Sole wheat (Use of 2,4-D sodium salt @ 1kg a.i./ha)	5	236	41.0	-	31660	73800 @Rs. 1800/qt.	42140	2.33

Technical Option 1: Wheat (2 rows) + Pea (2 rows)	5	342	24.20 + 13.40. 0	-	32,200 (50 kg wheat=Rs.1750, 40 kg pea=Rs.2600)	43650 @Rs. 1800/qt. 33500 @Rs. 2500/qt. =77150	44950	2.39
Technical Option 2: Wheat (3 rows) + Pea (3 rows)	5	360	21.8.0 + 12.0	-	32,200 (50 kg wheat=Rs.1750, 40 kg pea=Rs.2600)	39240 @Rs. 1800/qt. 30000 @ Rs. 2500/qt. =69240	37040	2.15

Results: -

Results revealed that the highest return was found in TO1 as (24.2 q wheat yield and 13.4 q field pea yield from a one hectare area) with 2.39 BC ratio, followed by Farmers practice as (wheat yield 41 q/ha) with 2.33 BC Ratio. The TO2 was observed with the least yield as (wheat yield 21.8 q and field pea yield 12 q from a one hectare of area) with BC Ratio 2.15. Therefore it can be concluded that Weed control effect was better with 2:2 wheat and pea row ratio which controls weed as well as pea yield compensates the yield loss due to emerging weeds in the intercrop.

OFT-3 Agronomy

1.	Title of On farm Trial	To assess the “drought tolerant variety of paddy suitable for medium, upland and irrigated condition of South Bihar”.
2.	Problem diagnose	The rainfall pattern is changing and South Bihar is in deficit zone of rainfall. These all need drought tolerant variety for good and sure yield.
3.	Details of technologies selected for assessment/refinement	Farmers Practice : Local variety (Panna Mahsuri) Technical Option 1: BRR0643 (Sabour Harshit) Technical Option 2: Sahbhagi
4.	Source of Technology	BAU, Sabour, Bhagalpur.
5.	Production system and thematic area	Rice-wheat/Lentil Production system, Crop improvement
6.	Performance of the Technology with performance indicators	Refer to table no. 3
7.	Final recommendation for micro level situation	The paddy variety BRR 0643 may be recommended for the medium to medium- upland condition of South Bihar
8.	Constraints identified and feedback for research	Declination of ground water table for irrigation purpose.
9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology

Thematic area: Crop Improvement

Problem definition: The rainfall pattern is changing and South Bihar is in deficit zone of rainfall. These all need drought tolerant variety for good and sure yield.

Technology assessed:

Farmers Practice : Local variety (Panna Mahsuri)

Technical Option 1: BRR0643 (Sabour Harshit)

Technical Option 2: Sahbhagi

Table3: Economics:

Technology option	No. of trials	Yield (q/ha)	Yield increase (%)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers Practice : Local variety (Panna Mahsuri)	5	37.4	-	33250	65450	32200	1.97
Technical Option 1: BRR0643 (Sabour Harshit)	5	43.8	17.0	33,250	76650	43400	2.30
Technical Option 2: Sahbhagi	5	39.0	04.27	33,250	68250	35000	2.05

Results: -

Results revealed that the highest return was found in TO1 as (paddy yield 43.8 q/ha) with 2.30 BC ratio, followed by TO2 as (paddy yield 39 q/ha) with 2.05 BC Ratio. The Farmers Practice was observed with the least yield as (37.4 q/ha with BC ratio 1.97. Therefore it can be concluded that TO1 is the best performing among the taken varieties under OFT.

OFT-4 Agronomy

1.	Title of On farm Trial	To assess the “Effect of early sowing on yield of wheat variety HD 2967”.
2.	Problem diagnose	Sowing of HD 2967 wheat variety by mid Nov. reduces yield due to change in temperature of environment.
3.	Details of technologies selected for assessment/refinement	Farmers Practice : Sowing of HD 2967 by Nov. 15 Technical Option 1: Sowing of HD 2967 by Nov. 01 Technical Option 2: Sowing of HD 2967 by first week of Dec.
4.	Source of Technology	BAU, Sabour, Bhagalpur
5.	Production system and thematic area	Rice-wheat/Lentil Production system, Weed Management
6.	Performance of the Technology with performance indicators	Refer to table no. 4
7.	Final recommendation for micro level situation	Sowing of wheat variety by Nov.1
8.	Constraints identified and feedback for research	Farmers are hard to convince for early sowing due to late harvesting of paddy.
9.	Process of farmers participation and their reaction	Short duration variety of paddy is needed.

Thematic area: Early sowing for yield improvement.

Problem definition: Sowing of HD 2967 wheat variety by mid Nov. reduces yield due to change in temperature of environment

Technology assessed:

Farmers Practice : Sowing of HD 2967 by Nov. 15

Technical Option 1: Sowing of HD 2967 by Nov. 01

Technical Option 2: Sowing of HD 2967 by Dec.10.

Table4: Economics:

Technology option	No. of trials	Yield (q/ha)	Percent increase(as compared to Farmers Practice)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers Practice : Sowing of HD 2967 by Nov. 15	5	41.8	-	31800	75240 @Rs. 1800/qt.	43440	2.36

Technical Option 1: Sowing of HD 2967 by Nov. 01	5	44	5.26	31800	79200 @Rs. 1800/qt.	47400	2.49
Technical Option 2: Sowing of HD 2967 by Dec.10.	5	39	-07.0	31800	70200 @Rs. 1800/qt.	38400	1.82

Results: -

Results revealed that the highest return was found in TO1 as (44 q/h) with 2.49 BC ratio, followed by Farmers practice as (wheat yield 41.8 q/ha) with 2.36 BC Ratio. The TO2 was observed with the least yield as (wheat yield 39 q/ha with BC Ratio 1.82. Therefore it can be concluded that TO1 sowing time beneficial for yield of wheat.

OFT:5 (Entomology)

1.	Title of On Farm Trial	Management of stem rot disease in paddy
2.	Problem diagnose	At the time of maturity affected plant lodged with yellowing and finally death of the plants.
3.	Details of technologies selected for assessment/refinement	Technical Option 01 : Farmer practices (No treatment) Technical Option 02 : Spray of Thiophenate-methyl 75 WP @ 2g per ltr of water Technical Option 03: Drain off water from field and spray of Carbendazim 50WP @ 2g/ltr of water
4.	Source of Technology	DRR, Hyderabad
5.	Production system and thematic area	Rice-wheat, IPM
6.	Performance of the Technology with performance indicators	The incidence of disease is reduced and increase yield marginally.
7.	Final recommendation for micro level situation	Drain off water from field and spray of Carbendazim 50WP followed by Thiophenate-methyl can be recommended to manage stem rot in paddy
8.	Constraints identified and feedback for research	Assessment of other molecules
9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology

Thematic area: Integrated Disease Management

Problem definition:

At the time of maturity affected plant lodged with yellowing and finally death of the plants

Technology assessed:

Technical Option 01 : Farmer practices (No treatment)

Technical Option 02 :Spray of Thiophenate-methyl 75 WP @ 2g per ltr of water

Technical Option 03: Drain off water from field and spray of Carbendazim 50WP @ 2g/ltr of water

Table:

Technology option	No. of trials	Incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer Practice	8	6.63	39.25	32000	69125	37125	2.16
Spray of Thiophenate-methyl 75 WP @ 2g per ltr of water	8	3.25	40.60	32500	71050	38550	2.19
Drain off water from field and spray of Carbendazim 50WP @ 2g/ltr of water	8	1.88	41.04	32500	71820	39320	2.21

Results: -

Results revealed that the paddy field treated with Drain off water from field and spray of Carbendazim 50WP @ 2g/ltr of water were recorded highest yield (41.04 q/ha) and cost benefit ratio (2.21) followed by plots treated by Thiophenate-methyl 75 WP @ 2g per ltr of water, the yield recorded as 40.60 q/ha and cost benefit ratio (2.19). Whereas the plots treated by farmer practices recorded lowest yield (39.25 q/ha) and cost benefit ratio (2.16). The observation on incidence of stem rot was recorded lowest (1.88%) in treated plots with Drain off water from field and spray of Carbendazim 50WP followed by Thiophenate-methyl (3.25%) and farmer practices (6.63%).

Therefore it can be concluded that Drain off water from field and spray of Carbendazim 50WP followed by Thiophenate-methyl can be recommended to manage stem rot in paddy.

OFT-6 (Entomology)

1.	Title of On farm Trial	Wilt disease management in chickpea using Trichoderma
2.	Problem diagnose	Wilt has emerged as serious problem in Lentil crop. The above ground symptoms include wilting, yellowing, stunting of plants and finally death.
3.	Details of technologies selected for assessment/refinement	Technical Option 01 : Farmer practices (Carbendazim 50 WP @ 2g/kg seed) Technical Option 02 : Seed treatment with Trichoderma TVB1 @5 gm/kg seed Technical Option 03: Seed treatment with Trichoderma Thg @5 gm/kg seed
4.	Source of Technology	Bihar Agricultural University, Sabour, Bhagalpur
5.	Production system and thematic area	Rice-Chickpea Integrated Disease Management
6.	Performance of the Technology with performance indicators	The incidence of disease is reduced and increase yield marginally.
7.	Final recommendation for micro level situation	The seed treatment of chickpea with Trichoderma@ 5g/kg and Carbendazim @ 2gm/kg seeds is recommended to reduce wilt incidence in chickpea.
8.	Constraints identified and feedback for research	Assessment of other bio pesticides
9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology

Thematic area: Integrated Disease Management

Problem definition:

Wilt has emerged as serious problem in Lentil crop. The above ground symptoms include wilting, yellowing, stunting of plants and finally death.

Technology assessed:

Technical Option 01 : Farmer practices (Carbendazim 50 WP @ 2g/kg seed)

Technical Option 02 : Seed treatment with Trichoderma TVB1 @5 gm/kg seed

Technical Option 03: Seed treatment with Trichoderma Thg @5 gm/kg seed

Table:Economics

Technology option	No. of trials	Incidence (%)	Yield (q/ha)	Percent increase	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer practices (Carbendazim 50 WP@ 2g/kg seed)	8	4.71	16.0	-	30,000	73,920	43,920	2.46
Seed treatment with Trichoderma TVB1 @5	8	2.68	16.3	2%	30,500	75,306	44,806	2.47

gm/kg seed								
Seed treatment with Trichoderma Thg @5 gm/kg seed	8	3.20	16.2	1.3%	30,500	74,844	44,344	2.45

Results: -

Results revealed that the higher yield of chickpea (16.30 q/ha) and 2.47 BC ratio with 2.68 per cent incidence of wiltdisease were recorded in plots of seed treated with Trichoderma TVB1 followed by plots of seed treated with Trichoderma Thg, the yield (16.20 q/ha) and 2.45 BC ratio with 3.2 per cent incidence of wilt disease observed. Whereas plots seed treated with Carbendazim the yield (16.00 q/ha) and 2.46 BC ratio with 4.71 per cent incidence of wilt disease were recorded.

Therefore it can be concluded that the seed treated plots produce marginally higher yield and reduce disease incidence. The seed treatment of chickpea with Trichoderma / Carbendazimis recommended to reduce wilt disease in chickpea.

OFT-7(Entomology)

1.	Title of On farm Trial	Validation of IPM technology for onion thrips at Jehanabad
2.	Problem diagnose	<i>Trips tabaci</i> causes significant yield loss and ability to transmit plant pathogens, and development of resistance to insecticides.
3.	Details of technologies selected for assessment/refinement	Technical Option 01 : Farmer practices (Acephate 20 SP @ 3 gm/ltr water) Technical Option 02 :Spray of Spinosad 45SC @1 ml/ 3 ltr water at 50DAT followed by spray of Fipronil 5 SC @ 1ml/2 ltr water at 65 DAS Technical Option 03: Two spray of Azdiractin 3000ppm @ 10 ml/ltr water at 50 &65 DAS with Blue sticky trap @ 50/ha
4.	Source of Technology	NCIPM, New Delhi
5.	Production system and thematic area	Rice-Onion Integrated Pest Management
6.	Performance of the Technology with performance indicators	The infestation of pest is reduced and increase yield marginally
7.	Final recommendation for micro level situation	ecofriendly technology (Two spray of Azdiractin 3000ppm @ 10 ml/ltr water at 50 &65 DAS with Blue sticky trap @ 50/ha) for thrips management in Onion crops
8.	Constraints identified and feedback for research	Assessment of other IPM modules technologies

9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology
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Thematic area: Integrated Pest Management

Problem definition: *Trips tabaci* causes significant yield loss and ability to transmit plant pathogens, and development of resistance to insecticides.

Technology assessed:

Technical Option 01 : Farmer practices (Acephate 20 SP @ 3 gm/ltr water)

Technical Option 02: Spray of Spinosad 45SC @1 ml/ 3 ltr water at 50DAT followed by spray of Fipronil 5 SC @ 1ml/2 ltr water at 65 DAS

Technical Option 03: Two spray of Azdiractin 3000ppm @ 10 ml/ltr water at 50 & 65 DAS with Blue sticky trap @ 50/ha

Table Economics:

Technology option	No. of trials	% infestation	Yield (q/ha)	% increase	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer practices (Acephate 20 SP @ 3 gm/ltr water)	8	38.1	183.1	-	73,000	1,55,635	82,635	2.13
Spray of Spinosad 45SC @1 ml/ 3 ltr water at 50DAT followed by spray of Fipronil 5 SC @ 1ml/2 ltr water at 65 DAS	8	4.1	233.3	27.4	74,550	1,98,305	1,23,755	2.66
Two spray of Azdiractin 3000ppm @ 10 ml/ltr water at 50 & 65 DAS with Blue sticky trap @ 50/ha	8	3.2	233.6	27.5	74,550	1,98,560	1,24,010	2.67

Results: -

Results revealed that the higher yield of onion (233.3 q/h), BC ration 2.67 with lowest thrips infestation (3.2%) were recorded from fields treated with Two spray of Azdiractin 3000ppm @ 10 ml/ltr water at 50 & 65 DAS with Blue sticky trap @ 50/ha followed by fields treated with Spray of Spinosad 45SC @1 ml/ 3 ltr water at 50DAT followed by spray of Fipronil 5 SC @ 1ml/2 ltr water at 65 DAS, onion yield was recorded 233.3 q/ha, BC ratio 2.66 with thrips infestation of 4.1 %. The lowest yields (183.1 q/ha), highest thrips infestation (38.1%) and lowest BC ration were observed from treated plots with Farmer practices (Acephate 20 SP @ 3 gm/ltr water). Therefore it can be concluded that the technology option 1& 2 treated plots produce marginally higher

yield and managed thrips infestation significantly. It is recommended that ecofriendly technology (Two spray of Azdiractin 3000ppm @ 10 ml/ltr water at 50 & 65 DAS with Blue sticky trap @ 50/ha) for thrips management in Onion crops.

OFT-8 (Agricultural Engineering): Influence of nozzle type and spray volume on bispyribake sodium efficacy in paddy weed ecosystem

No. of Replications: 06

1.	Title of the OFT	Influence of nozzle type and spray volume on bispyribake sodium efficacy in paddy weed ecosystem
2.	Problem diagnosed	Farmers uses very less volume of water with cone nozzle resulting weedicide not reaches to the target in proper amount
3	Details of technologies selected for assessment/refinement	TO 1: Spray using cone type nozzle with spray volume 200 l/ha (Farmers Practice) TO 2: Spray using flat fan nozzle with spray volume 400 l/ha TO 3: Spray using food jet nozzle with spray volume 600 l/ha
4	Source of Technology	IIPFT, Gurgaon
5	Production system and thematic area	Rice-Wheat/pulse, Thematic Area- Improved farm implement
6	Performance of the technology with performance indicators	Weed count/sq.m, yield, Net return, B: C ratio
9	Process of farmer participation and their reaction	Farmers actively participating in on farm trial
10	Status	completed

Result Table:

Technology option	Performance Parameters	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	Weed weight					

	(gm/sq. m)					
TO 1: Spray using cone type nozzle with spray volume 200 l/ha (Farmers Practice)	48	40.5	32500	70875	38375	2.18
TO 2: Spray using flat fan nozzle with spray volume 400 l/ha	23	41.8	32500	73150	40650	2.25
TO 3: Spray using food jet nozzle with spray volume 600 l/ha	28	41.2	32500	72100	39600	2.21

Results: - Results revealed that the higher yield of paddy (41.8 q/ha) and 2.25 B:C ratio with less weed incidence were recorded in plots of TO 2 followed by TO 3 plots with 41.2 q/ha yield and B:C ratio 2.21 as compared to 40.5 q/ha yield with B:C ratio 2.18 in Farmer's practice plot.

OFT-9 (Agricultural Engineering): Replications-6

1.	Title of the OFT	Assessment of different implements for seed bed preparation and wheat sowing
2.	Problem diagnosed	Poor quality of seed bed using cultivator and sowing by broadcasting of seed. This practice takes more time, consumes more fuel and increases cost of cultivation
3	Details of technologies selected for assessment/refinement	Technological Option1: Ploughing three- four times by cultivator followed by planking and seed broadcasting (Farmers Practice) Technological Option 2: Ploughing once by cultivator and one pass of rotavator and sowing by seed drill Technological Option 3: Ploughing once by rotavator and sowing by seed drill
4	Source of Technology	RAU, Pusa, CIAE, Bhopal
5	Production system and thematic area	Rice- Wheat; Conservation tillage

6	Performance of the technology with performance indicators	Time saving, fuel saving, cost of cultivation, yield, B: C ratio
9	Process of farmer participation and their reaction	Farmers actively participating in on farm trial
10	Status	completed

Result Table:

Technology option	Performance Parameters				Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	Time taken in ploughing (hr/ha)	Time Saving (hr/ha)	Fuel consumed (l/ha)	Fuel saving (l/ha)					
Technological Option1: Ploughing three- four times by cultivator followed by planking and seed broadcasting (Farmers Practice)	26.0	-	91.0	-	36.6	33200	67344	34144	2.03
Technological Option 2: Ploughing once by cultivator and one pass of rotavator and sowing by seed drill	19.5	6.5	70.75	20.25	40.8	32000	75072	43072	2.34
Technological Option 3: Ploughing once by rotavator and sowing by seed drill	13.0	13.0	48.0	43.0	40.0	30000	73600	43600	2.45

Results: - Results revealed that TO 3 performed better in terms of fuel saving as well as time saving with highest B:C ratio of 2.45 followed by TO 2 with half saving of fuel and time of operation with B:C ratio of 2.34 as compared to B:C ratio of 2.03 in Farmer's practice. Higher yield of wheat were recorded in plots of TO 2 (40.8 q/ha) followed by TO 3 plots (40.0 q/ha) but the cost of cultivation was less in case of TO3 than in TO2 and Farmer's practice plot, thus TO 3 is recommended.

OFT-10(Animal Science):

Replication: No. of animals: 100 in each treatment

1.	Title of On farm Trial	Effect of Immunomodulator in growth performance of broiler chicks
2.	Problem diagnose	Poor growth performance and low body wt gain due to heat stress
3.	Details of technologies selected for assessment/refinement	Supplementation of herbal Immunomodulator for increase body wt. gain.
4.	Source of Technology	GADVASU , Punjab
5.	Production system and thematic area	Diseases and feeding management
6.	Performance of the Technology with performance indicators	Growth performance, body wt. gain and mortality rate
7.	Final recommendation for micro level situation	Use of Immunomodulator for control of heat stress.
8.	Constraints identified and feedback for research	Low body weight gain due to heat stress
9.	Process of farmers participation and their reaction	Treatment process is used in farmer's poultry house & best reaction after low cost of treatment.

Result table:

Technology option	No. of trials	Yield component pre & post treatment			Gross Cost of Chicks/ feed/medicine (Rs.)	Gross return (Rs @108/kg broiler chicken	Net return (Rs.)	B :C ratio
		Pre treatment	Post treatment	Mortality (%)				
		Avg. initial body wt on D 4 (g)	Avg. body wt gain on D 30 (kg)					
	200	7.53	1.235	4	15000	25342.20	10342.20	1.6

I. Use of poultry feed with supplementation of any medicine (Farmers Practice)								
II. :- FP+ IMMUNOMODULATOR (Vit E & selenium/E-Care Se forte) (Dose: 20ml/day for 200 birds orally)	200	7.52	1.457	3	15750	30380.40	14630.40	1.9
III. FP+ Herbal IMMUNOMODULATOR (Adimmone) (Dose: 20ml/day for 200 birds orally)	200	7.53	1.571	2	15750	33233.76	17483.76	2.1

Results: TO_{III} Herbal Immunomodulator (Adimmone) is better than that of others groups for growth performance in broiler chicks in respect of B:C ratio(2.1) due to control of heat stress .

OFT- 11 (Animal Science)

Replication: 05

1.	Title of On farm Trial	Effect of UMMB & Mineral supplementation on growth and reproductive performance of Heifers.
2.	Problem diagnose	Malnutrition and Infertility
3.	Details of technologies selected for assessment/refinement	Supplementation of minerals and UMMB are improve growth & normal reproductive system in cattle
4.	Source of Technology	IVRI, Izatnagar , Bareilly
5.	Production system and thematic area	Conception rate and nutritional management
6.	Performance of the Technology with performance indicators	Body wt, Occurrence of heat, Conception rate and milk production.
7.	Final recommendation for micro level situation	Balance feeding along with mineral mixture.

8.	Constraints identified and feedback for research	Mineral deficiency
9.	Process of farmers participation and their reaction	On farmers field and well

Result table:

Technology option	No. of trials	Yield component Pre & Post treatments					Gross Cost of animals feeding /UMMB/Mineral mixture (Rs.)	Gross return (Rs @:calf/Milk(30/lit)	Net return (Rs.)	B :C ratio
		Pre treatment	Post treatment	Occurrence of heat	Conception rate (%)	Average Milk production				
		Avg. initial body wt on 14 months (kg)	Avg. body wt gain on 15 months (kg)	Heat symptom		(Lit)				
I. Common feeding (concentrate mixture (maize 40, wheat bran 40, soybean meal 17 and salt 1% each), green fodders & wheat straw) (Farmers Practice)	5	261	263	2+ Ve& 3 -Ve	2+ Ve (40%)	4	21,420	30,000	8,580	1.4
II. : FP+ UMMB. (urea molasses mineral block) (Dose: 300g/day two time for 20 days ,orally)	5	298	299	3+ Ve& 2 -Ve	3+ Ve (60%)	5	21,960	36,000	14040	1.6
III. FP+ Cheated Mineral mixture (Dose: 50gl/day for 20	5	278	279.2	4+ Ve&	4+ Ve (80%)	5	21,562.5	39,000	17,437.5	1.8

days ,orally				1 -Ve						
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Results: TO_{III} concentrated along with mineral mixture feeding are better than that of others groups for growth and reproductive performance in heifers in respect of B:C ratio(1.8) due to occurrence of normal heat and better conception rate .

OFT-12 (Home Science):

Replication: 5

1.	Title of the OFT	Assessment of different substrate supplement used in oyster mushroom production
2.	Problem diagnosed	Low yield & less net return from cultivation of oyster mushroom
3	Details of technologies selected for assessment/refinement	TO 1: farmers' practice (Use of wheat straw as base material) TO 2: Use of wheat straw+ wheat bran @ 10% of dry weight of base material TO 3: Use of wheat straw+ rice bran @ 10% of dry weight of base material TO 4: Use of wheat straw + pulse husk @ 10% of dry weight of base material
4	Source of Technology	Directorate of Mushroom Research, Solan, H.P
5	Production system and thematic area	Entrepreneurship development through mushroom production
6	Performance of the technology with performance indicators	Yield, B: C Ratio
9	Process of farmer participation and their reaction	On farmers field and well
10	Status	Completed

Tech. Option	No. of trials	Yield (Kg/10 kg base)	Cost of cultivation (Rs.)	Gross return (Rs.)	Net return (Rs.)	B:C ratio
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TO1	5	6.5	312	650	338	2.08
TO2	5	8.5	335	850	515	2.53
TO3	5	7.0	328	700	372	2.13
TO4	5	7.5	340	750	410	2.20

Result: The results revealed that supplementation in substrate used in oyster mushroom enhances the production. The most profitable option was found to be the Technology option 2 i.e. use of wheat straw+ wheat bran @ 10% on dry weight of base material as having highest yield of 8.5 kg/ 10 kg base material and highest B:C ratio of 2.53. Therefore, addition of supplement should be recommended to increase the overall benefit to the farmers by mushroom production.

OFT- 13 (Home Science)

Replication: 200 poultry birds (4 groups of 50 birds each)

1.	Title of the OFT	Assessment of performance of Minor millet as nutritional feed in backyard poultry
2.	Problem diagnosed	
3	Details of technologies selected for assessment/refinement	TO 1: farmers' practice (Ground nut+ maize+Wheat bran+ mineral mixture+common salt+vitamin mixture) TO 2: Ground nut+50% maize+50% Ragi+Wheat bran+ mineral mixture+common salt+vitamin mixture TO 3: Ground nut+Ragi+Wheat bran+ mineral mixture+common salt+vitamin mixture TO 4: Ground nut+Ragi+Wheat bran+ mineral mixture+common salt+vitamin mixture+probiotics
4	Source of Technology	RVC, Ranchi
5	Production system and thematic area	Nutritional security through feed management
6	Performance of the technology with performance indicators	Body weight as growth performance
9	Process of farmer participation and their reaction	On farmers field and well
10	Status	Completed

Result table:

Technology option	No. of trials	Yield component pre & post treatment			Gross Cost of Chicks/ feed/medicine (Rs.)	Gross return (Rs @108/kg broiler chicken	Net return (Rs.)	B :C ratio
		Pre treatment	Post treatment	Mortality (%)				
		Avg. initial body wt on D 5 (g)	Avg. body wt gain on D 30 (kg)					
I. Ground nut cake , maize, wheat bran, mineral mixture, common salt and vitamin mixture(Farmers Practice)	200	7.53	1.200	5	16150	24624	8504	1.5
II. FP+ Maize replaced by Finger millet by 50 per cent (Dose: 20g/day for 200 birds orally)	200	7.52	1.174	4	16400	24597.64	8197.64	1.4
III. FP+ Maize completely replaced by Finger millet .(Dose: 20gl/day for 200 birds orally	200	7.53	1.147	4	16540	23784.2	7244.2	1.4
IV. FP+ Maize completely replaced by Finger millet and Probiotic . (Dose: 20gl/day for 200 birds orally	200	7.53	1.236	4	16610	25629.6	9019.6	1.5

Results: Finger millet may be a substitute of maize grain and can be utilized in chick starter ration at 30 per cent level replacing 50 per cent of maize grain for rate of growth and nutrient utilization

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration										Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total				
						M	F	M	F	M	F	M	F	T		
1.	Lentil	Production of organic input	Waste decomposer	25.0	25.0	4	0	0	0	63	6	67	6	73		
2.	Mushroom	Mushroom production	Spawn	-	-	1	2	0	0	8	4	9	6	15		
3.	Wheat	RCT	Sowing by zero tillage technology	5	5	1	0	0	0	12	0	13	0	13		
4.	Lentil	RCT	line planting of lentil through machine	3.2	3.2	1	0	0	0	7	0	8	0	8		
5	Moringa (Sahjan)	Crop Deversification	Seedlings of Moringa under Crop diversification	0.8	0.8	2	0	0	0	18	0	20	0	20		
6	Fruit plants	Yield enhancement	improved fruit variety saplings	100 plants	100 plants	2	0	0	0	18	0	20	0	20		
7	Immunomodulator & probiotic for Poultry	Disease management	Poultry feed supplement	1000 poultry	1000 poultry	0	0	0	0	5	0	5	0	5 (one litter per farm)		

														er)	
8	Silage bags	Nutritional management	Stall feeding after urea treatment of fodder	120 animals	120 animals	0	0	0	0	30	0	30	0	30	
9	Brinjal	Improved variety	Seedlings	0.187	0.187	5	1	0	0	8	1	13	2	15	
10	Chili	Improved variety	Seedlings	0.075	0.075	3	0	0	0	3	0	6	0	6	
11	Cauliflower	Improved variety	Seedlings	0.063	0.063	1	0	0	0	4	0	5	0	5	
12	Tomato	Improved variety	Seedlings	0.063	0.063	1	0	0	0	4	0	5	0	5	
13	Chickpea	Disease management	Azoxystrobin	4.5	4.5	2	0	0	0	23	0	25	0	25	
14	Azolla	Green Fodder management	Azolla grass	-	-	0	0	0	0	12	1	12	1	13	
15	Goatry	Goat farming	-	-	-	6	0	0	0	0	0	6	0	6	
16	Jharshim	Poultry management	Backyard poultry farming	-	-	4	16	0	0	2	10	6	26	32	

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					

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	No. of Farmers	Area (ha)	Yield (q/ha)	% Increase	*Economics of demonstration (Rs./ha)	*Economics of check (Rs./ha)
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[illegible]

* 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

[illegible]

* 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
Brinjal (Ankur 786)	Vegetable production	Seedlings	15	0.187	312	258	13.93			58250	374400	316150	6.43	58000	309600	25160	5.34
Chili (AnkurRenuka)	Vegetable production	Seedlings	6	0.075	162	138	17.4			41500	275400	233900	6.64	38600	234600	196000	6.08
Cauliflower (Ealy Barkha)	Vegetable production	Seedlings	5	0.063	121	116	4.32			45000	181500	136500	4.03	44000	174000	130000	3.95
Tomato (Mahikota)	Vegetable production	Seedlings	5	0.063	680	561	21.21			174250	586500	412250	3.37	171150	476850	305700	2.79
Lentil (HUL 57)	Crop Production	Waste decomposer	73	25	14.2	13.8	3			22000	63545	41545	2.89	21900	61755	39855	2.81
Chickpea (PG186)	Crop production	Azoxystrobin	25	4.5	15.3	15.01	2			24000	70686	46686	2.95	23800	69346	45546	2.91
	Total																

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development	15	15	12bag/kg spawn	-	-	-	-	226	400	174	1.8	-	-	-	-
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

Zero Till seed cum Fert. Drill.	Wheat var. HD 2967	Wheat sowing by Zero Tillage Technology	13	5.0	41.8	36.5	14.5	4				4600			
Seed Drill	Lentil var. HUL 57	Line sowing of lentil	8	3.2	16.4	14.5	13.10	4				3800			

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

**** BCR= GROSS RETURN/GROSS COST**

Demonstration details on crop hybrids

[illegible]

[illegible]

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1	Paddy	Farmers got increased yield due to demonstrated technologies and are willing to spread the technology & they have demanded for quality seed in time
2	Wheat	
3	Lentil	
4	Chickpea	
5	Field pea	
6	Rapeseed/mustard	

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	24.01.2019 23.01.2019 16.02.2019 02.02.2019 17.02.2019	5	55	Farmers were enthusiastic to observe the crop performance
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Chickpea	Local variety JG14	14	158 (a-b)	313 (a-c)	600 (d-a)	PG 186, Carbondazim, Rhizobium and PSB	67	20	18.4	10.5	17.5	40.90	60.99	-14.28
2	Lentil	Local variety PL639	13.20	19 (a-b)	318 (a-c)	680 (d-a)	HUL 57, Carbondazim, Pendimethalin, Rhizobium +PSB	116	40	19.5	9	16	22.98	59.68	25

3	Mustard	Local variety RR Pachheti	13.5	376	191	650	RGN-48	50	20	16.5	9.5	15	54.00	29.42	33.33
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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	PG 186, Carbendazim, Rhizobium and PSB	30200	56000 @4000/q	25800	1.85	31200	70000	38800	2.24
2	HUL 57, Carbendazim, Pendimethalin, Rhizobium+PSB	23400	52800 @4000/q	29400	2.25	25380	64000	38620	2.52
3	RGN48+ THIO-METHOXAM	21500	47250	25750	2.19	22040	52500	30460	2.38

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	PG 186, Carbendazim, Rhizobium and PSB	35000 (from 20 ha area of the total demo)	630 (90% of the produce sold)	4000	32 for one acre area	Not decided	To meet family needs	12

2	HUL 57, Carbendazim, Pendimethalin, Rhizobium+PSB	64000 (from 40 ha area of the total demo)	576 (90% of the produce sold)	4000	40	Not decided	To meet famil y needs	12
3	Mustard RGN48+Thiometho xam	30000 (from 20 ha area of the total demo)	540 (90% of the produce sold)	3500	5	Not decided	To meet famil y needs	12

D. Chickpea / Lentil/ / Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitabilit y to their farming system	Likings (Preferen ce)	Affordabil ity	Any negative effect	Is Technolog y acceptable to all in the group/villa ge	Suggestions, for change/improvem ent, if any
1.	PG 186, Carbendazim, Rhizobium and PSB	(Rice- Chickpe a) Yes	Liked by farmers as It bears good yield potential.	Affordabl e	Lack of irrigatio n facility and seed sowing machin es.	Yes	Micro-irrigation facility needed.
2	HUL 57, Carbendazim, Pendimethalin, Rhizobium+PSB	(Rice- Lentil) Yes	Liked by farmers as It bears good yield potential and small seed.	Affordabl e	Lack of irrigatio n facility and seed sowing machin es.	Yes	Micro-irrigation facility needed.
3	RGN48+Thiometho xam	(Rice- Mustard) Yes	Liked by farmers as It bears good yield potential	Affordabl e	Lack of irrigatio n facility and seed sowing machin	Yes	Micro-irrigation facility needed.

					es.		
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E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
High yield of chickpea with medium sized seed.	Average Yield 17.5 q/ha	The per cent yield increase over local check is 25%	Farmers are on the benefit side with this performance of the variety.
High yielding and small seeded variety liked by farmers and nutrient and weed management practices enhance the performance of the variety.	Average Yield 18 q/ha	The per cent yield increase over local check is 21.21%.	Farmers are on the benefit side with this new variety.
High yielding and recent variety.	Average Yield 15q/ha	The per cent yield increase over local check is 11.11%.	Farmers are on the benefit side with this potential new variety.

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day/Field visit	16.02.2019, Maima, Modanganj	08
2	Field day/Field visit	29.03.2019, Gandhar, Modanganj	09
3	Field day/Field visit	29.03.2019, Gandhar, Modanganj	11
4	Field day/Field visit	02.02.2019, Parsain, Kako	13
5	Field day/Field visit	16.02.2019, Maima, Modanganj	08
6	Field day/Field visit	29.03.2019, Gandhar, Modanganj	09
7	Field day/Field visit	29.03.2019, Gandhar, Modanganj	11

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 (Chickpea)

Crop (provide crop wise information)	Items	Budget Received (Rs.) 180000	Budget Utilization (Rs.) 153820	Balance (Rs.) 26180
	i) Critical input	162000	153320	8680
	ii) TA/DA/POL etc. for monitoring	18000	500	17500
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total	180000	153820	26180

Details of budget utilization (Lentil)

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	324000	191320	132680
	ii) TA/DA/POL etc. for monitoring	36000	4000	32000
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total	360000	195320	164680

Details of budget utilization (Oilseed)

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)

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

[illegible]

[illegible]

[illegible]

B) Rural Youth (on campus)

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of organic inputs	1	13	0	13	0	0	0	0	0	0	13	0	13
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	4	30	14	44	6	20	26	0	0	0	36	34	70
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	3	54	27	83	7	1	8	0	0	0	61	28	89
Sheep and goat rearing	3	61	14	75	10	5	15	0	0	0	71	19	90
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology	2	40	0	40	15	0	15	0	0	0	55	0	55
Tailoring and Stitching													
Rural Crafts	1	0	10	10	0	18	18	0	0	0	0	28	28
Climate resilient technology	2	28	0	28	9	3	12	0	0	0	37	3	40
Feeding management	1	8	15	23	0	4	4	0	0	0	8	19	27

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[illegible]

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			
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	3	123	10	133	46	7	53	0	0	0	169	17	186
Poultry Management	2	32	0	32	5	0	5	0	0	0	37	0	37
Piggery Management													
Rabbit Management													
Disease Management	6	85	30	115	19	17	36	0	0	0	104	47	151
Feed management	1	16	0	16	2	0	2	0	0	0	18	0	18
Production of quality animal products	1	14	4	18	0	0	0	0	0	0	14	4	18
Nutritional management	4	62	4	66	5	0	5	0	0	0	67	4	71
Goat management	2	14	2	16	23	2	25	0	0	0	37	4	41
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	35	7	42	4	4	8	0	0	0	39	11	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1	14	4	18	0	0	0	0	0	0	14	4	18
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1	7	24	31	3	45	48	0	0	0	10	69	79
Storage loss minimization techniques													
Enterprise development													
Value addition	2	15	14	29	2	17	19	0	0	0	17	31	48
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	30	10	40	20	10	30	0	0	0	50	20	70
Drudgery reduction	2	52	20	72	18	14	32	0	0	0	70	34	104
Post harvest technology	1	16	1	17	3	0	3	0	0	0	19	1	20
Mushroom production	2	50	5	55	16	4	20	0	0	0	66	9	75

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E) RURAL YOUTH (Off Campus)

[illegible]

Thematic Area	No. of Course s	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Medicinal & aromatic plant	1	0	0	0	0	0	0	40	0	40	40	0	40
Integrated pest management	2	115	0	115	28	0	28	0	0	0	143	0	143
TOTAL	11	289	11	300	64	7	71	40	0	40	393	18	411

F) Extension Personnel (Off Campus)

Thematic Area	No. of Course s	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	4	329	21	350	41	11	52	0	0	0	370	32	402
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	1	145	8	153	14	4	18	0	0	0	159	12	171
Micro irrigation	1	104	4	106	6	2	8	0	0	0	110	6	116
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production	1	116	8	124	11	3	14	0	0	0	127	19	146
Disease management	1	18	0	18	3	0	3	0	0	0	21	0	21
Household food security													
Women and Child care													
Storage loss minimization techniques	2	166	12	178	20	8	28	0	0	0	186	20	206
Value addition	1	21	4	25	6	4	10	0	0	0	27	8	35

i. Farmers & Farm Women

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[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	4	134	15	149	48	11	59	0	0	0	182	26	208
Poultry Management	3	37	7	44	9	10	19	0	0	0	46	17	63
Piggery Management													
Rabbit Management													
Disease Management	10	132	72	204	27	26	53	0	0	0	159	98	257
Feed management	3	50	3	53	8	4	12	0	0	0	58	7	65
Production of quality animal products	1	14	4	18	0	0	0	0	0	0	14	4	18
Others, Livestock management	1	89	0	89	4	12	16	0	0	0	93	12	105
Fish management	2	32	1	33	3	2	5	0	0	0	35	3	38
Others, Goat management	2	14	2	16	23	2	25	0	0	0	37	4	41
Nutritional management	5	79	4	83	7	0	7	0	0	0	86	4	90
TOTAL	31	581	108	689	129	67	196	0	0	0	710	175	885
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	35	7	42	4	4	8	0	0	0	39	11	50
Design and development of low/minimum cost diet	1	24	0	24	4	0	4	0	0	0	28	0	28
Designing and development for high nutrient efficiency diet	1	14	4	18	0	0	0	0	0	0	14	4	18
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1	7	24	31	3	45	48	0	0	0	10	69	79
Storage loss minimization techniques	3	59	1	60	7	2	9	0	0	0	66	3	69
Enterprise development													
Value addition	7	175	20	195	30	20	49	0	0	0	209	40	249
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies	1	0	35	35	0	46	46	0	0	0	0	81	81
Rural Crafts	1	0	8	8	0	7	7	0	0	0	0	15	15
Capacity building													
Women and child care	2	30	58	88	20	35	55	0	0	0	50	93	143
Organic farming	1	13	0	13	4	3	7	0	0	0	17	3	20
Mushroom production	2	50	5	55	16	4	20	0	0	0	66	9	75
Crop cultivation	3	62	0	62	12	3	15	0	0	0	74	3	77
Samekit krishi prannali	1	30	5	35	6	0	6	0	0	0	36	5	41
Post harvest technology	5	102	1	103	17	1	18	0	0	0	119	2	121
Small scale processing	1	19	0	19	1	0	1	0	0	0	20	0	20
Drudgery reduction	2	52	20	72	18	14	32	0	0	0	70	34	104

[illegible]

ii. RURAL YOUTH (On and Off Campus)

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Production of organic inputs	1	13	0	13	0	0	0	0	0	0	13	0	13
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	6	79	14	93	10	20	30	0	0	0	89	34	123
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	2	22	5	27	3	4	7	0	0	0	25	9	34
Production of quality animal products													
Dairying	3	54	27	83	7	1	8	0	0	0	61	28	89
Sheep and goat rearing	3	61	14	75	10	5	15	0	0	0	71	19	90
Quail farming													
Piggery	1	0	0	0	15	2	17	0	0	0	15	2	17
Rabbit farming													
Poultry production	1	14	0	14	2	0	2	0	0	0	16	0	16
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	1	0	10	10	0	18	18	0	0	0	0	28	28
Enterprise development													
Others if any (ICT application in agriculture)													
Integrated weed management	1	55	2	57	9	1	10	0	0	0	64	3	67
Post harvest	2	40	0	40	15	0	15	0	0	0	55	0	55

iii. Extension Personnel (On and Off Campus)

[illegible]

Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	2	166	12	178	20	8	28	0	0	0	186	20	206
Crop intensification													
Others if any													
TOTAL	12	901	67	966	102	41	143	0	0	0	1003	116	1119

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

Discipline	Client	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
26.05.2018	PF	Method of soil test	1	Off	98	6	104	24	2	26
29.05.2018	PF	Different methods of raising paddy nurseries	1	Off	100	0	100	12	0	12
12.06.2018	PF	Irrigation water management in horticultural crops	1	Off	87	8	95	10	7	17
26.06.2018	PF	Cultivation techniques of DSR	1	Off	15	0	15	0	0	0
20.08.2018	PF	IWM in paddy	1	Off	16	13	29	2	2	4
21.08.2018	PF	Production techniques of kharif maize	1	Off	14	15	29	2	8	10
11.09.2018	PF	production techniques of pigeonpea	1	Off	17	2	19	4	2	6
13.09.2018	PF	Storage of kharif maize	1	Off	18	0	18	4	0	4
17.09.2018	PF	Seed production technology of paddy	1	Off	14	2	16	2	1	3
24.10.2018	PF	Package of practice of wheat	1	Off	67	3	70	6	0	6
31.10.2018	PF	package of practice of rabi oilseeds	1	Off	96	1	97	5	0	5
27.10.2018	PF	Weed management in wheat & rabi pulses	1	Off	55	0	55	3	0	3
22.11.2018	PF	Production techniques of rabi pulses	1	On	12	0	12	1	0	1
27.11.2018	PF	Production techniques of rabi oilseeds	1	On	19	0	19	5	0	5
14.12.2018	PF	Production	1	On	19	0	19	5	0	5

		technique of wheat								
24.12.2018	PF	Production technique of potato	1	On	13	0	13	0	0	0
31.01.2019	PF	Production technique of maize	1	Off	17	1	18	2	0	2
15.02.2019	PF	Nutrient & weed management in wheat	1	On	27	8	35	6	4	10
05.03.2019	PF	Production techniques of summer moong	1	Off	15	0	15	1	0	1
17.05.2018	RY	IWM for sustainable crop production	1	Off	64	3	67	9	1	10
18.09.2018	RY	Production techniques of vermicompost use and importance	1	On	13	0	13	0	0	0
Ento.										
16.04.2018	PF	Stored grain pest management	1	Off	19	0	19	1	0	1
07.05.2018	PF	Management of yellow mosaic in moong, urd, okra	1	Off	22	2	24	1	0	1
23.05.2018	PF	management of insect pests & disease of summer vegetable	1	Off	95	6	101	15	4	19
24.05.2018	PF	management of stored grain pests	1	Off	70	7	77	15	4	19
25.05.2018	PF	IPM & IDM for paddy	1	Off	56	10	66	16	6	22
28.05.2018	PF	management of insects pests and mosaic virus of moong, urd, okra	1	Off	46	11	57	11	6	17
06.06.2018	PF	IPM in paddy	1	On	22	0	22	4	0	4
13.06.2018	PF	Pest management in protected cultivation	1	On	87	8	95	10	7	17
18.06.2018	PF	Seed treatment method	1	On	23	2	25	3	2	5
21.06.2018	PF	Land preparation, planting of paddy	1	On	25	3	28	3	3	6
22.06.2018	PF	IPM in paddy	1	On	27	0	27	5	0	5
16.07.2018	PF	Pest management in kharif vegetables	1	Off	33	9	42	6	4	10
19.07.2018	PF	Pest management in DSR	1	On	3	19	22	1	9	10
13.08.2018	PF	Pest management in paddy	1	On	31	0	31	6	0	6
14.08.2018	PF	Pest & disease management in paddy	1	On	27	0	27	3	0	3
11.09.2018	PF	management of	1	Off	17	2	19	4	2	6

		insect pests and disease of kharif oilseeds & pulses								
12.09.2018	PF	IPM & IDM in kharif crops	1	Off	17	0	17	2	0	2
13.09.2018	PF	Pest management in paddy	1	Off	18	0	18	4	0	4
17.09.2018	PF	IPM & IDM in kharif vegetable	1	Off	14	2	16	2	1	3
18.09.2018	PF	Seed treatment in rabi crops	1	Off	19	0	19	3	0	3
19.09.2018	PF	IPM & IDM in kharif crops	1	Off	16	0	16	3	0	3
12.10.2018	PF	Management of insect pests in kharif crops	1	Off	82	8	90	19	3	22
25.10.2018	PF	IPM in vegetable crops	1	Off	55	3	58	10	2	12
29.10.2018	PF	Seed treatment in rabi crops	1	Off	53	0	53	8	0	8
29.10.2018	PF	Wilt management in lentil & chickpea	1	Off	26	0	26	3	0	3
26.11.2018	PF	Seed treatment in wheat & onion	1	On	28	0	28	5	0	5
11.12.2018	PF	Managemnt of aphid in mustard	1	On	27	0	27	6	0	6
12.12.2018	PF	Blight management in potato	1	On	25	0	25	5	0	5
15.12.2018	PF	Disease & pest managemnt in wheat	1	On	25	0	25	3	0	3
07.01.2019	PF	Disease management in potato	1	Off	28	4	32	2	0	2
17.01.2019	PF	INM in wheat	1	On	23	0	23	4	0	4
22.01.2019	PF	Artificial	1	On	23	10	33	15	0	15
23.01.2019	PF	IPM in rai vegetables	1	Off	14	4	18	0	0	0
03.02.2019	PF	Classification of pesticide	1	Off	40	0	40	5	0	5
21.02.2019	PF	Pest management in veg. crop	1	On	25	0	25	6	0	6
22.02.2019	PF	Pest management in rabi crops	1	On	41	1	42	9	0	9
10.02.2019	PF	Pest management in wheat	1	On	30	0	30	6	0	6
09.03.2019	PF	Pest management in wheat in storage	1	On	26	0	26	4	0	4
30.05.2018	RY	management of stored grain pests	1	Off	68	0	68	16	0	16
27.06.2018 to 02.07.2018	RY	Mushroom production technique	7	On	19	7	26	2	1	3
14.09.2018	RY	Diagnosis & management of	1	Off	75	0	75	12	0	12

		nutritional difficiency in kharif crops								
01.03.2019 to 02.04.2019	RY	Bee keeper	30	On	25	4	29	2	2	4
08.05.2018	EF	IPM in summer crops to double of farmer income	1	Off	127	11	138	11	3	14
17.05.2018	EF	Disease and pest management in kharif crops	1	Off	124	11	135	11	3	14
27.10.2018	EF	IPM in vegetable crops	1	Off	78	9	87	10	5	15
22.02.2019	EF	IPM	1	Off	41	1	42	9	0	9
05.04.2018	PF	Use of self propelled reaper machine for wheat harvesting	1	ON	15	7	22	3	3	6
02.05.2018	PF	Use of improved tillage implements	1	Off	64	1	65	14	1	15
02.05.2018	PF	Use of improved sowing implements	1	Off	78	2	80	12	2	14
11.05.2018	PF	Methods of moisture conservation	1	Off	21	2	23	12	2	14
06.06.2018	PF	Mechanized cultivation of paddy	1	On	22	0	22	4	0	4
22.06.2018	PF	Paddy cultivation through DSR machine	1	On	27	0	27	5	0	5
07.06.2018	PF	Rain water conservation techniques	1	Off	13	4	17	3	1	4
18.07.2018	PF	Use of available water resources for paddy cultivation	1	Off	11	7	18	2	4	6
23.07.2018	PF	Alternate crop cultivation in scanty rainfall situation	1	Off	12	7	19	2	4	6
21.08.2018	PF	Mechanized methods of weeding and improved implements	1	Off	14	15	29	2	8	10
11.09.2018	PF	Improved weeding implements	1	Off	17	2	19	4	2	6
12.09.2018	PF	Water management in kharif vegetables	1	Off	17	0	17	2	0	2
13.09.2018	PF	Water management in paddy	1	Off	18	0	18	4	0	4
17.09.2018	PF	mechanized weeding in kharif	1	Off	14	2	16	2	1	3

		veg.								
18.09.2018	PF	Improved tillage implements	1	Off	19	0	19	3	0	3
19.09.2018	PF	On farm water management in paddy	1	Off	16	1	17	3	1	4
26.09.2018	PF	Use of available water conservation structures	1	off	81	30	111	24	17	41
10.10.2018	PF	Operation and maintenance of modern crop harvesting machine	1	Off	21	2	23	3	0	3
26.10.2018	PF	Operation and maintenance of ZT machine	1	Off	36	6	42	5	2	7
15.10.2018	PF	Small tools and implements for harvesting & processing	1	On	0	81	81	0	46	46
04.10.2018	PF	Weeding implements for paddy	1	On	3	23	26	1	10	11
01.11.2018	PF	Operation and maintenance of ZT machine	1	Off	106	0	106	21	0	21
10.11.2018	PF	Operation of seed cum ferti drill for lentil	1	On	20	0	20	1	0	1
17.11.2018	PF	Rain water harvesting techniques	1	On	89	3	92	12	1	13
12.11.2018	PF	Improved machines for paddy harvesting and threshing	1	Off	28	0	28	4	0	4
24.11.2018	PF	Use and operation of ZT machine for lentil sowing	1	On	19	0	19	2	0	2
05.12.2018	PF	Soil water conservation & crop residue management	1	On	36	6	42	4	2	6
06.12.2018	PF	Operation & maintenance of zero tillage machine	1	On	21	2	23	2	2	4
17.12.2018	PF	Irrigation method for rabi crop	1	Off	16	6	22	2	2	4
07.12.2018	PF	Importance and tecniques of water conservation	1	On	41	0	41	6	0	6
07.01.2019	PF	Method of sprinkler irrigation in rabi crops	1	Off	28	4	32	2	0	2

16.01.2019	PF	Use & operation of crop harvesting machineries	1	Off	36	0	36	8	0	8
23.01.2019	PF	Irrigation techniques in rabi pulses	1	Off	14	4	18	0	0	0
24.01.2019	PF	On farm water management in ZT wheat	1	Off	19	1	20	3	0	3
31.01.2019	PF	Irrigation management in wheat	1	Off	17	1	18	2	0	2
01-02 feb 19	PF	Working of improved tillage and sowing implements	2	OFF	33	3	36	3	2	5
05.02.2019	PF	Mulching technology for moisture conservation	1	On	18	0	18	1	0	1
15.02.2019	PF	Crop residue managment by machines	1	On	27	8	35	6	4	10
08.03.2019	PF	Women friendly small tools and equipments for income generation	1	On	0	73	73	0	25	25
19.03.2019	PF	Drip irrigation technique	1	Off	13	2	15	1	0	1
28.03.2019	PF	Soil moisture conservation through plastic mulching	1	off	12	2	14	2	0	2
21-24 May 2018	RY	Forecast application for risk management in agriculture	4	On	17	3	20	4	3	7
28-31 May 2018	RY	Forecast application for risk management in agriculture	4	On	20	0	20	5	0	5
26.06.2018	RY	Operation of direct paddy seeders	1	Off	15	0	15	0	0	0
06.07.2018	RY	Modern machineries for paddy cultivation	1	On	20	0	20	4	0	4
02.07.2018	RY	Mechanized paddy cultivation	1	On	2	16	18	0	8	8
1-2.08.2018	RY	Operation, repair and maintenance of improved weeding implements	2	On	0	18	18	0	12	12
03.12.2018	RY	Repair & maintenance, operation of zero	1	On	14	0	14	2	0	2

		tillage machine								
11-12 Feb 19	RY	Custom hiring of agricultural implements	2	Off	38	0	38	4	0	4
12.10.2018	EF	Operation and calibration of Zero Tillage Machine	1	off	159	12	171	14	4	18
17.01.2019	EF	Care & maintenance of irrigation equipments	1	off	110	6	116	6	2	8
19-20 July 2018	EF	DSR Machine for paddy cultivation	2	ON	3	19	22	1	9	10
Ani. Sc.										
16.04.2018	PF	Feeding management of cattle	1	Off	19	0	19	1	0	1
17.04.2018	PF	Disease management of livestock	1	Off	16	0	16	2	0	2
19.04.2018	PF	Livestock management	1	ON	93	12	105	4	12	16
26.04.2018	PF	Clean milk produciton	1	ON	13	9	22	2	4	6
02.05.2018	PF	Income generation through dairy, poultry & goatry	1	Off	97	15	112	32	5	37
07.05.2018	PF	Control of infectious disease in goats	1	Off	22	2	24	21	2	23
04.05.2018	PF	Care & management of BY poultry	1	On	9	17	26	4	10	14
13.06.2018	PF	Nutritional management of cattle	1	On	20	5	25	5	3	8
14.06.2018	PF	Fish farming	1	On	20	0	20	2	0	2
19.07.2018	PF	Vaccination of cattle	1	On	5	32	37	0	5	5
11.07.2018	PF	Care & management of dairy cattle	1	Off	18	0	18	2	0	2
16.08.2018	PF	Poultry farming: Economical	1	Off	19	0	19	1	0	1
23.08.2018	PF	Housing & disease management of goat	1	Off	15	2	17	2	0	2
30.08.2018	PF	Parasitic control of dairy cow	1	On	15	12	27	2	0	2
11.09.2018	PF	Care & management of livestock	1	Off	17	2	19	4	2	6
12.09.2018	PF	Disease management of livestock	1	Off	17	0	17	2	0	2

13.09.2018	PF	Housing & disease management of poultry	1	Off	18	0	18	4	0	4
08.10.2018	PF	Feeding & disease management of cattle	1	Off	11	5	16	1	1	2
23-24 Oct 2018	PF	Housing & disease management of cattle	2	On	24	7	31	2	3	5
15.11.2018	PF	Vaccination of Livestock	1	On	7	9	16	0	0	0
17.12.2018	PF	Nutritional management during winter season of livestock	1	On	20	2	22	1	1	2
03.01.2019	PF	Fish Farming	1	On	15	3	18	1	2	3
07.01.2019	PF	Disease management of livestock	1	Off	28	4	32	2	0	2
10.01.2019	PF	Infections disease of poultry	1	On	16	2	18	2	0	2
23.01.2019	PF	Fodder management of livestock	1	Off	14	4	18	0	0	0
24.01.2019	PF	Nutritional management of livestock	1	Off	19	1	20	3	0	3
13.02.2019	PF	Value addition of milk by products (NABARD)	1	Off	55	0	55	10	0	10
15.02.2019	PF	Infectious disease of livestock, poultry and its control	1	On	27	8	35	6	4	10
22.02.2019	PF	Nutritional management of cattle	1	Off	15	3	18	1	0	1
26.02.2019	PF	Important of vaccination in goat	1	Off	12	38	50	10	16	26
05.03.2019	PF	Nutritional management of dairy	1	Off	14	0	14	0	0	0
08.03.2019	PF	Role of women in livestock	1	On	0	73	73	0	25	25
11.03.2019	PF	Disease management of livestock	1	Off	20	0	20	2	0	2
28.03.2019	PF	Housing & feeding management of cattle	1	On	19	0	19	2	0	2
16.05.2018	RY	Nutritional management of dairy animals	1	Off	37	4	41	3	0	3
04-08 June 18	RY	Goat Management	5	On	24	4	28	4	2	6

16-20 July 201	RY	Dairy management	5	On	13	24	37	2	1	3
25.10.2018	RY	Goat farming	1	On	16	15	31	2	3	5
11.10.2018	RY	Housing & feeding management of poultry	1	On	8	19	27	0	4	4
16 Nov to 10 Dec 2018	RY	Dairy farmer/ Entrepreneurs	20	On	18	2	20	2	0	2
14-18 Jan 2019	RY	Goat farming	1	On	31	0	31	4	0	4
11.02.2019	RY	Broiler poultry farm management	1	Off	16	0	16	2	0	2
14.03.2019	RY	Pig farming	1	Off	15	2	17	15	2	17
25-29 March 19	RY	A.I. & dairy management	5	On	30	2	32	3	0	3
08.05.2018	EF	Doubling of income through livestock/ animal husbandry	1	Off	127	19	146	11	3	14
15.03.2019	EF	Advance A.I. technique for dairy cattle	1	Off	21	0	21	3	0	3
Home Sc.										
02.05.2018	PF	Suitable farm implements for drudgery reduction	1	Off	37	25	62	12	10	22
31.05.2018	PF	Green manuring & variety collection of paddy	1	On	17	3	20	4	3	7
06.06.2018	PF	Nursery management of paddy	1	On	22	0	22	4	0	4
21.06.2018	PF	Paddy transplanter	1	On	25	3	28	3	3	6
22.06.2018	PF	Paddy transplanter	1	On	27	0	27	5	0	5
12.07.2018	PF	Formation of SHG	1	Off	10	69	79	3	45	48
16.07.2018	PF	Drudgery Reduction	1	Off	33	9	42	6	4	10
18.07.2018	PF	Household food security by kitchen gardening	1	Off	11	7	18	2	4	6
13.08.2018	PF		1	On	31	0	31	6	0	6
14.08.2018	PF		1	On	27	0	27	3	0	3
03.09.2018	PF	Making bags	1	On	0	15	15	0	7	7
28.09.2018	PF	Scientific storage technique	1	On	19	1	20	2	0	2
26.09.2018	PF	Fruit & vegetable preservation	1	Off	0	30	30	0	17	17
15.10.18	PF	Small equipments for women in agriculture to reduce drudgery	1	On	0	81	81	0	46	46
03.10.2018	PF	Post harvest & storage practices in paddy	1	On	20	1	21	0	1	1

29.10.2018	PF	Scientific storage techniques of pulses	1	On	26	0	26	3	0	3
10.11.2018	PF	Pulse processing	1	On	20	0	20	1	0	1
12.11.2018	PF	Importance & preparation of low cost nutritional foods	1	On	28	0	28	4	0	4
17.11.2018	PF	Value addition in maize & potato	1	On	89	3	92	12	1	12
26.11.2018	PF	Scientific grain storage	1	On	28	0	28	5	0	5
06.12.2018	PF	Storage loss minimization techniques	1	On	21	2	23	2	2	4
11.12.2018	PF	PHT & processing of wheat	1	On	27	0	27	6	0	6
12.12.2018	PF	Preservation of potato	1	On	25	0	25	5	0	5
15.12.2018	PF	PHT & processing of wheat	1	On	25	0	25	3	0	3
17.12.2018	PF	value addition in milk production	1	On	20	6	26	2	2	4
07.12.2018	PF	Samekit krishi prannali	1	On	36	5	41	6	0	6
07.01.2019	PF	Nutritional gardening	1	Off	28	4	32	2	0	2
23.01.2019	PF	Nutritious milk products preparation	1	Off	14	4	18	0	0	0
24.01.2019	PF	Wheat processing	1	Off	19	1	20	3	0	3
31.01.2019	PF	Vegetable preservation	1	Off	17	1	18	2	0	2
15.2.2019	PF	SHG formation	1	On	20	40	60	10	20	30
28.02.2019	PF	Mushroom production	1	Off	36	9	45	6	4	10
24.02.2019	PF	Mother & child care	1	Off	50	20	70	20	10	30
08.03.2019	PF	Women & child care	1	On	0	73	73	0	25	25
21.03.2019	PF	Mushroom production	1	off	30	0	30	10	0	10
11-12 April 18	RY	Rural craft	2	ON	0	28	28	0	18	18
21.05.2018	RY	Water Management	1	ON	17	3	20	4	3	7
11.06.2018	RY	Medicinal Aromatic plant (Nursery Management)	1	Off	40	0	40	0	0	0
23.07.2018	RY	Value addition	1	Off	12	7	19	2	4	6
22.11.2018 to 16.12.2018	RY	Mushroom production	20	On	14	6	20	0	0	0
20.02.2019	RY	PHT	1	On	30	0	30	10	0	10
21.02.2019	RY	PHT	1	On	25	0	25	5	0	5

19.03.2019	RY	Value addition	1	Off	13	2	15	1	0	1
15.02.2019	RY	Mushroom Production	30	On	30	0	30	6	0	6
12.10.2018	EF	Precautions taken in processing of food	1	Off	159	12	171	14	4	18
15.01.2019	EF	Storage loss minimization techniques	1	Off	27	8	35	6	4	10
30.01.2019	EF	Fruit & vegetable preservation	1	Off	27	8	35	6	4	10

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	Mushroom production	Mushroom production	30	27	3	30	Oyster & button mushroom	4	4	-
Mushroom	Mushroom production	Mushroom production	25	15	5	20				
Beekeeper	Beekeeper	Beekeeper	24	19	5	24		2	2	
Dairy farmer	Dairy farmer	Dairy farmer	25	23	2	25		3	3	
Goat Management	Goat Management	Goat Management	5					4	4	
				24	4	28				
Dairy management	Dairy management	Dairy management	5					1	1	
				13	24	37				
Goat farming	Goat farming	Goat	5							
				31	0	31				

ng	ng	far min g								
A.I. & dairy mana geme nt	A.I. & dairy mana geme nt	A.I. & dair y man age men t	5	30	2	32				
Mush room produ ction techni que	Mush room produ ction techni que	Mu shro om pro duct ion tech niq ue	6	19	7	26				
Forec ast applic ation for risk mana geme nt in agric ulture	Forec ast applic ation for risk mana geme nt in agric ulture			4	20	7	27			
Forec ast applic ation for risk mana geme nt in agric ulture	Forec ast applic ation for risk mana geme nt in agric ulture	For ecas t appl icati on for risk man age men t in agri cult ure		4	20	5	25			

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl .N o	Title	Themati c area	Mo nth	Duration (days)	Cli ent PF/	No. of courses	No. of Participants			Sponsorin g Agency
							Male	Female	Total	

					RY /EF		Others	SC	ST	Other s	SC	ST	Other s	SC	ST	Tot al	
1	PHT	Wheat Processing	March	1	PF	1	21	3	0	0	0	0	21	3	0	24	Dr. Reddy Foundation, Patna
2	Irrigation Management	Irrigation Management in Wheat	March	1	PF	1	21	3	0	0	0	0	21	3	0	24	Dr. Reddy Foundation, Patna
3	Storage Loss Minimization Technology	Wheat Storage	March	1	PF	1	22	4	0	0	0	0	22	4	0	26	Dr. Reddy Foundation, Patna
4	Integrated Pest Management	Insects Management in Wheat Store Grain	March	1	PF	1	22	4	0	0	0	0	22	4	0	26	Dr. Reddy Foundation, Patna
5	Irrigation Management in	Irrigation Management in Wheat	March	1	PF	1	12	6	0	0	0	0	6	0	0	24	Dr. Reddy Foundation, Patna
6	Disease Management	Artificial Insemination Technology	March	1	RY	1	10	4	0	0	0	0	7	0	0	21	COMFED Jehanabad
7	PHT		February	1	RY	1	23	0	0	0	0	0	4	3	0	30	Dr. Reddy Foundation, Patna
8	PHT		February	1	RY	1	20	5	0	0	0	0	20	5	0	25	Dr. Reddy Foundation, Patna
9	Mushroom Production	Mushroom Production	February	1	PF	1	18	12	0	9	6	0	27	18	0	45	ATMA, Jehanabad
10			February	1	PF	1	21	8	0	0	0	0	21	8	0	29	Dr. Reddy Foundation, Patna
11	Soil Health Management	Soil Health Management	February	1	RY	1	28	5	0		12	0	40	5	0	45	BAMETI(DAESI)
12	IPM	Disease & Insect Management in Rabi Crops	February	1	PF	1	22	8	0	0	0	0	22	8	0	30	Dr. Reddy Foundation, Patna
13	IPM	Insect Management in Vegetables crops	February	1	PF	1	20	5	0	0	0	0	20	5	0	25	Dr. Reddy Foundation, Patna

14	Storage loss Minimization Technology	Scientific Technology of Grain Storage	January	1	EF	1	21	11	0	6	2	0	27	13	0	40	ATMA, Jehanabad
15	Storage loss Minimization Technology	Scientific Technology of Grain Storage	January	1	PF	1	15	5	0	0	0	0	15	5	0	20	Dr. Reddy Foundation, Patna
16	Value addition	Fruit & Vegetables Preservation	January	1	PF	1	28	7	0	0	0	0	28	7	0	35	Dr. Reddy Foundation, Patna
17	Water Conservation	Irrigation Management in Wheat	January	1	PF	1	16	4	0	0	0	0	16	4	0	20	Dr. Reddy Foundation, Patna
18	INM & IW M	Integrated nutrient Management in Wheat & Lentil & Weed management	January	1	PF	1	32	8	0	0	0	0	32	8	0	40	Dr. Reddy Foundation, Patna
19	INM	Integrated nutrient Management in Wheat	January	1	PF	1	17	6	0	0	0	0	17	6	0	23	Dr. Reddy Foundation, Patna
20	IFS	Integrated Farming System	December	1	PF	1	28	7	0	4	2	0	32	9	0	41	DainikGagran
21	PHT	PHT & Processing of Wheat	December	1	PF	1	23	4	0	0	0	0	23	4	0	27	Dr. Reddy Foundation, Patna
22	Value addition	Preservation of Potato	December	1	PF	1	20	5	0	0	0	0	20	5	0	25	Dr. Reddy Foundation, Patna
23	PHT	PHT & Processing of Wheat	December	1	PF	1	20	5	0	0	0	0	20	5	0	25	Dr. Reddy Foundation, Patna
24			November	1	PF	1	21	5	0	0	0	0	21	5	0	26	Dr. Reddy Foundation, Patna
25	Dairy Farmer	Dairy Farmer Entrepreneur	November	1	RY	1	18	0	0	1	1	0	18	2	0	20	ASCI, New Delhi
26	Crop Production	Nutrient Management in Wheat	November	1	PF	1	24	4	0	0	0	0	24	4	0	28	Dr. Reddy Foundation, Patna
27	PHT		October	1	PF	1	17	4	0	0	0	0	17	4	0	21	Dr. Reddy Foundation, Patna

28	Storage loss Minimization Technology	Scientific storage Technology of Pulse	October	1	PF	1	21	5	0	0	0	0	21	5	0	26	Dr. Reddy Foundation, Patna
29	Crop Production	Production Farming of Lentil	October	1	PF	1	21	5	0	0	0	0	21	5	0	26	Dr. Reddy Foundation, Patna
30	IWM	Integrated Weed Management in Rabi Pulse	October	1	PF	1	18	3	0	0	0	0	18	3	0	21	Dr. Reddy Foundation, Patna
31	Minimization of nutrient loss in Processing	Minimization of nutrient loss in Processing	October	1	EF	1	151	15	0	3	2	0	154	17	0	171	ATMA, Jehanabad
32			October	1	EF	1	151	15	0	3	2	0	154	17	0	171	ATMA, Jehanabad
33	IPM	Integrated Pest Management in Kharif Vegetables	October	1	EF	1	68	10	0	4	5	4	73	14	0	87	ATMA, Jehanabad
34	Nutrient Management	Limited use of urea to farmer benefited	September	1	PF	1	43	3	0	0	0	0	43	3	46	46	AFPCCL, Gandhar
35	Crop Production Technology	Soil sample Testing & soil Health Card	September	1	PF	1	62	13	0	0	0	0	62	13	0	75	ATMA, Jehanabad
36	INM	Integrated nutrient Management in Paddy	August	1	PF	1	24	3	0	0	0	0	24	3	0	27	Dr. Reddy Foundation, Patna
37	Crop Production	Nursery Management of Paddy	June	1	PF	1	18	4	0	0	0	0	18	4	0	22	Dr. Reddy Foundation, Patna
38	Crop Production	Paddy Transplantation	June	1	PF	1	23	5	0	0	0	0	23	5	0	28	Dr. Reddy Foundation, Patna
39	Crop Production	Paddy Transplantation	June	1	PF	1	22	5	0	0	0	0	22	5	0	27	Dr. Reddy Foundation, Patna

40	Operation and maintenance of machines	Paddy direct seeding	June	1	PF	1	16	6	0	0	0	0	16	6	0	22	Dr. Reddy Foundation, Patna
41	Operation and maintenance of machines	Paddy direct seeding	June	1	PF	1	22	5	0	0	0	0	22	5	0	27	Dr. Reddy Foundation, Patna
42	Crop Production	Preparation & Cultivation of Paddy	June	1	PF	1	23	5	0	0	0	0	23	5	0	28	Dr. Reddy Foundation, Patna
43	INM	Insect Management in Paddy Nursery	June	1	PF	1	22	5	0	0	0	0	22	5	0	27	Dr. Reddy Foundation, Patna
44	Medicinal & Aromatic Plants (Nursery Management)	Nursery Management of Osmium	June	1	RY	1	0	0	30	0	0	0	0	0	30	30	Pan Anushand hankendra Islampur (TSP)
45	Organic Farming		May	1	PF	1	18	6	0	0	0	0	18	6	0	24	Dr. Reddy Foundation, Patna
46	Disease Management		May	1	PF	1	18	4		0	0	0	18	4		22	Kaushalya Foundation, Patna
47	IPM & IDM		May	1	PF	1	22	5	0	0	0	0	22	5	0	27	Kaushalya Foundation, Patna
48	IPM & IDM		May	1	PF	1	80	15	0	2	4	0	82	19	0	101	ATMA, Jehanabad
49	IPM		May	1	PF	1	55	15	0	3	4	0	58	19	0	77	ATMA, Jehanabad
50	IPM		May	1	PF	1	40	16	0	4	6	0	44	22	0	66	ATMA, Jehanabad
51	IPM		May	1	PF	1	35	11	0	5	6	0	40	17	0	57	ATMA, Jehanabad
52	IPM		May	1	PF	1	56	15	0	3	4	0	59	19	0	78	ATMA, Jehanabad
53	Nursery Management		May	1	PF	1	21	1	0	2	0	0	23	1	0	24	Dr. Reddy Foundation, Patna
54	Soil Sampling	Soil Sampling Technique	May	1	PF	1	74	24	0	4	2	0	78	26	0	104	ATMA, Jehanabad

55	Water Management	May	1	RY	1	19	1	0	0	0	0	19	1	0	20	
56	Weather forecasting	May	1	RY	1	15	5	0	0	0	0	15	5	20	20	RIMS, Bankong & Kaushalaya Foundation, Patna
57	Live lock Management	May	1	EF	1	116	11	0	8	3	0	124	14	0	138	ATMA, Jehanabad
58	IPM	May	1	EF	1	116	11	0	8	3	0	124	14	0	138	ATMA, Jehanabad

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	5	47	8	55		0	0	0	47	8	55
Kisan Mela	1	117	12	129		0	0	0	117	12	129
Kisan Ghosthi	47	1154	339	1493		0	0	0	1154	339	1493
Exhibition	2	188	32	220		0	0	0	188	32	220
Film Show	3	48	31	79		0	0	0	48	31	79
Method Demonstrations						0	0	0			
Farmers Seminar						0	0	0			
Training/Workshop/Conference	28					0	0	0			28
Group meetings						0	0	0			
Lectures delivered as resource persons						0	0	0			
Advisory Services						0	0	0			
Scientific visit to farmers field	97	75	22	97		0	0	0	75	22	97
Farmers visit to KVK	1094	154	940	1094		0	0	0	154	940	1094
Diagnostic visits	37	32	5	37		0	0	0	32	5	37
Exposure visits	1	33	1	34		0	0	0	33	1	34
Ex-trainees Sammelan						0	0	0			
Soil health Camp						0	0	0			
Animal Health Camp	2	88	2	90		0	0	0	88	2	90
Agri mobile clinic						0	0	0			
Soil test campaigns						0	0	0			
Farm Science Club Conveners meet						0	0	0			
Self Help Group Conveners meetings	1	14	1	15		0	0	0	14	1	15
Mahila Mandals Conveners meetings						0	0	0			
Celebration of important days (specify)	9	64	501	574		0	0	0	64	501	574
Sankalp Se Siddhi						0	0	0			
Swatchta Hi Sewa	14				mass	0	0	0			mass
Mahila Kisan Divas						0	0	0			
Krishak Goshti cum Training programme in the presence of District Magistrate, Jehanabad at	1	26	90	116		0	0	0	26	90	116

KVK campus											
Krishak Vaigyanik varta in the presence of Central Agriculture Minister, Sri Radhamohan Singh	1	95	15	110		0	0	0	95	15	110
Pradhanmantri Kisan Samman Nidhi Programme 24.02.2019	1	76	63	141		0	0	0	76	63	141
Skill development training	4	89	10	99		0	0	0	89	10	99
Kharif/Rabi Sammelan	1	194	165	359		0	0	0	194	165	359
Video conferencing training	33	429	299	728		0	0	0	429	299	728
gajar Ghans jagrukta saptah 20-21 Aug 2018	2	16	13	29		0	0	0	16	13	29
Total						0	0	0			

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	29
Radio talks	11
TV talks	
Popular articles	1
Extension Literature	0
News paper	4
Book	1
Book Chapter	6
Technical report	16

3.5 a. Production and supply of Technological products: NIL

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
Wheat	HD-2967	116.80	323431.5	10	0	95	105
Paddy	R. Sweta	187.19	678174	25	0	255	280
Paddy	Sahbhagi	7.26	18150	2	0	23	25
Veg. pea	Kashi Ageti	2.08	52000	6	0	42	48
Grand Total							

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Early bankha	2600	1040	3	0	23	26
Cabbage							
Tomato	Mahi kota	4725	1890	9	0	49	58
Brinjal	Anken 786	4200	1680	7	0	48	55
Chilli	Anken renuka	2100	840	2	0	18	20
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							
Moringa	PKM-1	400					20
Total							

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	qtl		SC	ST	Other	Total
Bio-fertilizers	30	150000	-	-	-	-
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Others, please specify.						
Total						

Production of livestock materials: NIL

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

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)

Kharif 2018						
Rabi 2018-19						
Summer/Spring 2019						

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper	Irrigation management in paddy based on depleting water level below soil surface.	Kumar, J. , Rani, S. , Sohane, R.K., Hasan, W. and Paswan, A.K.	Bull. Env. Pharmacol. Life sci., 8 (1): 78-83	
	Research paper published: Factors affecting acceptance of biogas stove by rural women,	Rani Shobha and Kumar Devendra (2018).	Journal of Pharmacognosy and Phytochemistry. SP4: 377-379. (International Conference on Food Security and Sustainable Agriculture (Thailand on 21-24 December, 2018).	
	Nutrition security and income generation through poultry farming,	Rani Shobha, Mahto D. and Kumar D, (2018).	International Journal of Chemical Studies. SP4: 196-198.	
	Effect of sowing of wheat with Zero tillage and conventional methods on soil fertility in Vaishali district of Bihar	Kumar Devendra, Singh K.M. and Rani Shobha, (2018).	, Journal of Pharmacognosy and Phytochemistry. SP4: 318-320.	
	Storage practices of moong at farm level in Vaishali District of Bihar- A case study	Kumar Devendra and Rani Shobha, (2018).	, International Journal of Chemical studies, . SP4: 06-07.	
	Impact of resource conservation technologies in rice wheat system of	Kumar Devendra and Rani Shobha, (2018).	International Journal of Chemical studies, . SP4: 163-165.	

	Vaiahali district (Bihar),			
	Subject Matter Knowledge of Anganwadi Workers (ICDS) in different areas of competencies.	Rani Shobha and Kumar Devendra (2018).	International Journal of Pure & Applied Bioscience). SP1: 6(3): 688-691.	
	Impact of Nutrition Training on Knowledge of rural women,	Rani Shobha and Kumar Devendrand Kumari, M. (2019)	Buttetin of Environment, pharmacology and life Science, 8(3):96-98. (International Journal of Pure & Applied Bioscience).	
Seminar/conference/ symposia papers				
	Assessment of inflow cutback ratio in wheat irrigation.	Kumar, J. , Rani, S. , Sohane, R.K., Hasan, W. and Paswan, A.K.	Proceedings of 2 nd International Conference Advances in Agricultural, biological and applied sciences for sustainable future (ABAS), SVS Univ., Meerut, 20-22 Oct. 2018: 168-169	
	Crop diversification as an approach for sustainable agriculture in climate change scenario	Rani S., Kumar, J. and Kumar, A.	Proceedings of National Seminar on Recent advances in agriculture for sustainable rural development (RAASRD), VKSCOA, Dumraon (Buxer), 15-17 March 2019: 156-159 Extended Abstract	
	Reducing phosphorus-requirement by taking advantage of its residual effect in rice –wheat cropping system.	Paswan, A.K., Kumar, J. , Hasan, W. and Rani S.	Proceedings of 2 nd International Conference Advances in Agricultural, biological and applied sciences for sustainable future (ABAS), SVS Univ., Meerut, 20-22 Oct. 2018: 69-70.	
	Appropriate crop technologies for sustainable agriculture in changing climate scenario: An experience under NICRA Project.	Rani S., Kumar, J. and Sohane, R.K.	Proceedings of 2 nd International Conference Advances in Agricultural, biological and applied sciences for sustainable future (ABAS), SVS Univ., Meerut, 20-22 Oct. 2018: pp115	
Books	Practical manual of soil physics	Kumar, M, Singh, S.K., Kumar, V., Kumar, J. and Hasan, W.	Kalyani Publishers, New Delhi, 2019, p 87	
Bulletins				
News letter	Krishak Samachar (Quarterly) newsletter tqykbZ ls fracj 2018	Mk0 'kksHkk jkuh] bZ0 thrsUnz dqekj] MkW okftn glu] Jh vftr dqekj ikloku	KrishakSamachar (Quarterly) newsletter , KVK, Jehanabad	1000

	Krishak Samachar (Quarterly) newsletter tuojh ls ekpZ 2019	Mk0 'kksHkk jkuh] bZ0 thrsUnz dkek] MkW okftn glu] Jh vftr dkekj ikloku	KrishakSamachar (Quarterly) newsletter , KVK, Jehanabad	1000
	Krishak Samachar (Quarterly) newsletter vizSy ls twu 2018	Mk0 'kksHkk jkuh] bZ0 thrsUnz dkek] MkW okftn glu] Jh vftr dkekj ikloku	KrishakSamachar (Quarterly) newsletter , KVK, Jehanabad	1000
Popular Articles	Aam ke bagon me tapak widhi dwara sinchai.	bZ0 thrsUnzz dkekj	Krishaksandesh, Jan to March issue 2018	1000
Book Chapter				
	Low cost Bio pesticide using cow urine	Kumar, J. and Rani, S.	Grassroots Innovations in Farm Production, value chain integration and market linkage. Diksha Art & Prints, Patna: pp 49	
	tSfod [ksrh esa ;kaf=d fof/k}kjk fudkbZ&xqM+kbZ	Kumar, J. , Rani, S. , Sohane, R.K., Hasan, W. and Paswan, A.K.	Smarika of Kisan Mela, BAU, Sabour: 5 pages	
	tSfod [ksrh ds fy, okVj'ksM cca/ku }kjk çk—frdlalk/ku laj{k.k	Kumar, J. , Rani, S. , Sohane, R.K., Hasan, W. and Paswan, A.K.	Smarika of Kisan Mela, BAU, Sabour: 5 pages	
	High value fodder production	Rani, S., Mahto, D. and Kumar, J.	Grassroots Innovations in Farm Production, value chain integration and market linkage. Diksha Art & Prints, Patna: pp 84	
	Seed Priming with Noni	Rani, S., Kumar, J. and Mahto, D.	Grassroots Innovations in Farm Production, value chain integration and market linkage. Diksha Art & Prints, Patna: pp 48	
Extension Pamphlets/ literature				
Technical reports	MPR (English), MPR (Hindi), QPR (April-June 2018, July-Sept. 2017, Oct.- Dec. 2018, Jan.- March 2019) Annual Progress Report (2018-19) of KVK • Annual Action Plan (2019-20) of KVK • Annual Report (2018-19) of NICRA • Annual Action Plan (2019-20) of NICRA	Dr. Shobha Rani ¹ , Er. J. Kumar ² Sr. Scientist & Head, KVK, Jehanabad, B.A.U., Sabour 2 Scientist (Agril. Engg.), KVK Jehanabad		

	- Extension Council Report (April-Sept. 2018, Oct. 2018-March 2019) - NICRA QPR (April-June 2018, July-Sept. 2018, Oct.- Dec. 2018, Jan.- March 2019)			
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.	Workshop		Dr. Dinesh Mahto, SMS (Aimal Sc.)	02.03.2019	BAU, Ranchi
2.	Training Programme	Training programme cum OFT finalization	Er. Jeetendra Kumar, SMS (Agril. Engg.)	1-2 March 2019	BAU, ranchi
3.	Training programme	GeM portal	Dr. Wajid Hasan, SMS (Ento)	14.03.2019	BAU, Sabour
4.	National Seminar		Dr. Shobha Rani, Sr. Scientist & Head, Er. Jeetendra Kumar, SMS (Agril. Engg.) & Sri Atul Kumar, SRF, NICRA project	15-17 March 2019	VKSCOA, Dumraon
5.	Meeting on Doordarshan Salahkar Samiti		Dr. Shobha Rani, Sr. Scientist & Head	27.02.2019	Doordarshan Kendra, Patna
6.	Workshop	OFT Finalization	Dr. Wajid Hasan, SMS (Ento)	22.02.2019	BAU, Sabour
7.	Workshop	OFT Finalization	Sri Ajit Kumar Paswan, SMS (Agronomy)	18-19 Feb 2019	BAU, Sabour
8	Winter School		Sri Ajit Kumar Paswan, SMS (Agronomy)	03-23 jan 2019	BAU, Sabour
9	Innovative farmer meet	Innovative farmer meet	Dr. Shobha Rani, Sr. Scientist & Head	13-14 Dec 2018	ATARI, Patna
10	KVK-ATMA convergence meet	KVK-ATMA convergence meet	Dr. Shobha Rani, Sr. Scientist & Head and Er. Jeetendra Kumar, SMS (Agril. Engg.)	14.12.2018	BAMETI, Patna
11	Training programme	State orientation on ANKURAN scale up programme	Er. Jeetendra Kumar, SMS (Agril. Engg.)	21.12.2018	Hotel Chanakya Residency, Patna
12	Workshop	Review workshop of NICRA project	Dr. Shobha Rani, Sr. Scientist & Head	25- Oct 2018	Jharkhand
13	Conference	International conference on (RLIsAAe)	Dr. Shobha Rani, Sr. Scientist & Head, Dr. Dinesh Mahto, SMS (Ani. Sc.) and Sri Ajit Kumar Paswan, SMS (Agronomy)	30 Oct- 1 Nov 2018	BIT, Patna
14	Workshop	Wrap-up workshop cum meeting	Dr. Shobha Rani, Sr. Scientist & Head and Er. Jeetendra Kumar, SMS (Agril. Engg.)	02.11.2018	IMD, N. Delhi

15	National Gosthi		Dr. Wajid Hasan, SMS (Ento)	17-19 Nov 2018	BAU, Sabour
16	Training	Training on PFMS	Dr. Shobha Rani, Sr. Scientist & Head and Sri Dhananjay Kumar, Assistant	7-8 Sept. 2018	BAU, Sabour
17	Training programme	ToT programme	Dr. Dinesh Mahto, SMS (Ani. Sc.)	12-18 Sept 2018	BAU, Ranchi
18	Meeting	Extension Council & Seed Council meeting	Dr. Shobha Rani, Sr. Scientist & Head	7-8 Oct 2018	BAU, Sabour
19	Krishi Manthan programme	farmer-Scientist interaction programme	Dr. Shobha Rani, Sr. Scientist & Head, Er. Jeetendra Kumar, SMS (Agril. Engg.) and Dr. Dinesh Mahto, SMS (Ani. Sc.)	09.10.2018	Ravindra Bhawan, Patna
20	Review meeting	Annual Review meeting of CFLD	Sri Ajit Kumar Paswan, SMS (Agronomy)	13-14 Oct 2018	Swami Vivekanand University (KVK), Ranchi
21	Meeting	National farmer Science congress	Dr. Shobha Rani, Sr. Scientist & Head, Er. Jeetendra Kumar, SMS (Agril. Engg.) and Dr. Dinesh Mahto, SMS (Ani. Sc.)	5-7 Aug 2018	BAU, Sabour
22	Training Programme	Training of ToT (Bee keeper)	Sri Ajit Kumar Paswan, SMS (Agronomy)	03-06 Aug 2018	BAU, Sabour
23	Training programme through video conferencing	Training on PFMS	Dr. Shobha Rani, Sr. Scientist & Head	03.06.2018	STPI, Patliputra
24	Meeting	Meeting	Dr. Shobha Rani, Sr. Scientist & Head	25.06.2018	CPRS, ATARI, Patna
25	Workshop	Annual workshop of NICRA project	Dr. Shobha Rani, Sr. Scientist & Head	27-28 June 2018	WBUAFS, Kolkata
26	Training of Trainer programme	Training of Trainer programme on Forecast application for risk management in agriculture (FARM)	Jeetendra Kumar, SMS (Agril. Engg.)	23-27 April 2018	BAU, Sabour
27	Training programme	Training on business module of paddy nursery	Sri Ajit Kumar Paswan, SMS (Agronomy)	26-27 April 2018	VKSCOA, Dumraon
28	SAC Meeting	SAC Meeting	All the concerns	04.09.2018	KVK, Jehanabad

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

Name of farmer	Sri Harendra Kumar Singh	
Address	village Kumbhwa, Block Jehanabad	
Contact details (Phone, mobile, email Id)		
Landholding (in ha.)	3.5 Acres	

Name and description of the farm/enterprise	Mushroom Production: • Button Mushroom Production and marketing. • Compost making for button mushroom production using dung, cocopit and lime. • Maintains Head to head and Tail to tail housing system for dairy cattle (5) • Straw mulching (Use of Biomass) in farm.												
Economic impact	<table border="1"> <thead> <tr> <th>Enterprise</th><th>Income</th></tr> </thead> <tbody> <tr> <td>▪ Mushroom Production:</td><td>Rs. 2.5 lakh/year</td></tr> <tr> <td>▪ Dairy:</td><td>Rs. 2.0 lakh/year</td></tr> <tr> <td>▪ Farming:</td><td>Rs. 1.0 lakh/year</td></tr> <tr> <td>▪ Retail shop of fertilizer:</td><td>Rs. 50000/year</td></tr> <tr> <td>• Total</td><td>Rs. 6 Lakh</td></tr> </tbody> </table>	Enterprise	Income	▪ Mushroom Production:	Rs. 2.5 lakh/year	▪ Dairy:	Rs. 2.0 lakh/year	▪ Farming:	Rs. 1.0 lakh/year	▪ Retail shop of fertilizer:	Rs. 50000/year	• Total	Rs. 6 Lakh
Enterprise	Income												
▪ Mushroom Production:	Rs. 2.5 lakh/year												
▪ Dairy:	Rs. 2.0 lakh/year												
▪ Farming:	Rs. 1.0 lakh/year												
▪ Retail shop of fertilizer:	Rs. 50000/year												
• Total	Rs. 6 Lakh												
Social impact													
Environmental impact	Button Mushroom Production and marketing												
Horizontal/ Vertical spread	• Maintains Head to head and Tail to tail housing system for dairy cattle (5)												

Name of farmer	Sachhidanand Singh			
Address	village- Shahapur ,Jehanabad Block			
Contact details (Phone, mobile, email Id)				
Landholding (in ha.)	10 acre			
Name and description of the farm/enterprise	Integrated farming system: • Born on 5th February, 1951 he is elder brother among seven brother and sisters and belonged to agriculture farmer’s family. • Unfortunately,his four brothers died due to malnutrition under 2-10 years of age . • Then after he decided to start farming farming in a scientific manner along with studies .He completed graduation on political science subjects. • After that he joined job as a sachhivalaya sahayak at secretariat Patna ,Bihar. • but he remained in contact with KVK continuously and involved himself in farming and allied areas activities			
Economic impact	Crops	Area/variety	Production	Annual Income
	Paddy	8 Acre, (Rajendra Mansuri, sweta,sonam)	250 qt.(500 man)	3,50,000.00
	Wheat	3 Acre, (HD 2733, Lok-1 etc.)	50 qt.	1,50,000.00
	Dalhan	4 Acre, (moong , lentil,)	50 qt.	1,00000.00
	Telhan	1 Acre(mustared ,linseed)	12 qt	50,000.00

	Fisheries (3 ponds)	0.5 Acre(Rahu , cattla, Mirgal, jasar)	50 qt.	5,00000.00
	Dairy (10 cows)	0.25 Acre(sahiwal Gir & cross)	1500liters	6,00000.00
	Green fodder	0.25 Acre(Berseem jai maize ,sorghum & cow pea)		Only for use
	Horticultural crops	Mango(150), Guava, Banana, Teeks(100), mahogani (150), mahuwa, Lemon & jamun .		Growing stage
	Total Income			17,50,000.00
Social impact	- Born on 5th February, 1951 he is elder brother among seven brother and sisters and belonged to agriculture farmer's family. - He has one son and three daughters and now all are with technical degrees at different colleges of India and abroad			
Environmental impact				
Horizontal/ Vertical spread				

Name of farmer	Sri Sudhir Kumar	
Address	S/o Krishna Prasad, Village-Muther, Sikariya, Block-Jehanabad, Bihar	
Contact details (Phone, mobile, email Id)	8507174401	
Landholding (in ha.)	5 acre.	
Name and description of the farm/ enterprise	Low cost Goat housing floor for temperature maintenance: During winter season due to low temperature, increased mortality of kids along with adult goats has been noticed. So, he did some improvement in housing as well as feeding system. He made improvement with low cost housing system for goats consisting of concrete wall and straw roofing. He adopted improved housing system with floor made of bamboo sheet covered by paddy straw bag as layout for maintenance of room temperature during winter season. At first he use to spray lime powder on the floor in goat house then bamboo sheet (chacherry in local language) is spread over there. After that, paddy straw is inserted in plastic bags for lying over the bamboo sheet. He also use electric bulb fitted within the goat	

	house for control of cold during winter season. Secondly, he made arrangement for stall feeding with use of local feed ingredients such as lentil straw, wheat bran, mustard cake, Rice polish (chunni), turmeric and gur (jaggery). Turmeric & jaggery are specially used for maintenance of body temperature during winter/cold season that resulted less mortality of goat along with kids.																								
Economic impact	This improved housing management system lowered the cost of goat farming and increased production of kids due to controlled temperature for decreased mortality of kids. He is getting profit by the regular selling of kids as evident by the cost benefit ratio of 2.57, 3.13 and 3.0 in the years 2015-16, 2016-17 and 2017-18 respectively. <table><tr><th>Years</th><th>Selling of goats /year) No.</th><th>Cost (Rs.)</th><th>Gross income (Rs.)</th><th>Net Income (Rs.)</th><th>Cost-benefit ratio</th></tr><tr><td>2015-16</td><td>50</td><td>95000</td><td>243750</td><td>148750</td><td>2.57</td></tr><tr><td>2016-17</td><td>125</td><td>210000</td><td>656250</td><td>446250</td><td>3.13</td></tr><tr><td>2017-18</td><td>135</td><td>216000</td><td>648000</td><td>432000</td><td>3.0</td></tr></table>	Years	Selling of goats /year) No.	Cost (Rs.)	Gross income (Rs.)	Net Income (Rs.)	Cost-benefit ratio	2015-16	50	95000	243750	148750	2.57	2016-17	125	210000	656250	446250	3.13	2017-18	135	216000	648000	432000	3.0
Years	Selling of goats /year) No.	Cost (Rs.)	Gross income (Rs.)	Net Income (Rs.)	Cost-benefit ratio																				
2015-16	50	95000	243750	148750	2.57																				
2016-17	125	210000	656250	446250	3.13																				
2017-18	135	216000	648000	432000	3.0																				
Social impact	He is graduate having 5 acre land with joint family system.																								
Environmental impact	He is now working as a master trainer of goat farming in the district Locally, started of goat farming near about village of district 42 rural youths/farmers started goat farm and they are supplying kids to another district also. He is involved in supplying goat milk to the Local hospitals																								
Horizontal/ Vertical spread	Goat farming is a very useful enterprise for the rural people as it involves low capital investment with high net returns. Even, rural women can also adopt this profession for livelihood up gradation and economic empowerment																								

Name of farmer	Mr. Gaurav Raj	
Address	Vill- Tirra, Block- Hulasganj, Distt.- Jehanabad	
Contact details (Phone, mobile, email Id)	8809920816	
Landholding (in ha.)	-	

Name and description of the farm/enterprise	Mushroom production and its marketing through Farmers club: He got tremendous success in mushroom production as well as its marketing. Beginning with 20 kg, now he is producing upto 1.5- 2.0 q/ month depending upon the season. After that he did not stop but he started motivating other youth of the villages and finally established a Farmer Club namely Magadh Mushroom Farmers Group with 30 male members and 28 farm women members. He also involved in imparting training to other farmers (300). He is producing oyster, summer oyster, Saroj Kaju, Milky white & Button Mushroom. He is growing pink & yellow colored oyster mushroom. The major success that he got was in the area of its marketing. He is selling Mushroom in markets of Islampur, Khijar Sarai, Ghosi, Jehanabad, Khudaganj, Naibazar, Hulasganj & also home delivery. Besides he is also selling to Jharkhand (Dhanbad).
Economic impact	He says that Mushroom cultivation has given him social recognition and now, he is selling mushroom in market, hotel and home delivery. He is earning Rs. 1.20 lakh/ annum through Mushroom. Besides his family members have also been benefitted by the nutritional advantage of mushroom.
Social impact	Mr. Gaurav Kumar is a landless farmer. He has studied up to Matric, his father was very low earning person with very low socio economic status of the family.
Environmental impact	Low cost technology such as Mushroom production is a boon specially for small and marginal farm families which not only helps in income generation but also provides nutrition security
Horizontal/ Vertical spread	He got tremendous success in mushroom production as well as its marketing. Beginning with 20 kg, now he is producing upto 1.5- 2.0 q/ month depending upon the season. After that he did not stop but he started motivating other youth of the villages and finally established a Farmer Club namely Magadh Mushroom Farmers Group with 30 male members and 28 farm women members. He also involved in imparting training to other farmers (300).

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year: **Training, Lecture, Discussion and demonstration methods.**

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
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- 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
	A. PRA. B. Survey using (Questionnaires & Schedule) C. Meeting-Discussion. D. Observation (Participant & Non Participant observation)	1. Need assessment 2. Designing of action plan based on the needs 3. To find out availability of local resources

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

Sl. No	Name of the Equipment	Qty.
1	Mridaparikshak Mini soil testing kit	1

- 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			
243	-	243	243	58	

- 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	Training, farmers scientist interaction , quiz on soil test and soil	142	1	Smt. Sunita Kumari, Hon'ble Jila Parshad, Jehanabad-II	131	142

	conservation & distribution of Soil Health Card					
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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. RAWF/ 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
19.04.2018	Dr. Alok Ranjan Ghosh, DM, Jehanabad	Kisan Gosthi cum training programme and review of KVK
28.07.2018	Sri Ramkripal Yadav, Hon'ble Central Rural Minister (State), Dr. R.K. Sohane, DEE, BAU, Sabour, Dr. A.K. Singh, Director, ATARI Zone-IV Dr. Arvind Kumar, RD, ARI, Patna	Review of KVK
27.09.2018	Dr. Alok Ranjan Ghosh, DM, Jehanabad	Krishak Vaigyanik Varta at NICRA village Sakrorha and review of KVK NICRA
04.09.2018	Dr. R.N. Singh, ADEE, BAU, Sabour, Dr. Arvind Kumar, RD, ARI, Patna	SAC meeting

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)
SKILL TRAINING (200 hrs)				
Poultry farm worker	20	70	10000	150000

Dairy farmer (entrepreneurship)	20	65	5000	7000
Mushroom Grover	50	60	0	5000
Bee Keeper	23	50	0	20000

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
Backyard Poultry	30
Dairy	40
Value addition in paddy straw	42
Mushroom Production	25
Zero tillage	15

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
1	Single seedling transplanting of paddy (%)	High adoption	76%
2	Vermicompost production (no.)	Kacha and pakka units	1530 units
3	Use of improved farm implements (%) (ex :Rotavator, combined harvester)	Farmers use these implements for land preparation and wheat harvesting	68%
4	Income generating activities Like, poultry, dairying, goatry, processing (%)	Mainly small and medium farm families are involved	48%
5	Participation of Farm women in agric. programme	Mainly in paddy production	75%
6	Seed replacement rate (%) in the adopted villages (paddy, wheat, rai, gram, lentil, moong etc.)	With regard to crops like paddy, wheat, rai, gram, lentil, moong etc.)	85%
7	Participation of NGO's in KVK-activities (no.)	Technical guidance	12
8	Area under ZTT (acre)	Wheat crop	600
9	Bee Keeping (%)	For income generation	28%
10	Mushroom Production (%)	Nutrition security and income generation	30
11	Pulse crop coverage (Lentil, chickpea, field pea, pigeonpea), ha	CFLD	15900
12	Oilseed crop coverage (Musturd, Linseed), ha	CFLD	1500
13	Drought Tolerant Paddy (Sahabhagi), ha	Higher adoption	160
14	Medium Duration Paddy(R.Sweta, S. Ardhjal), ha	Higher adoption	1800
15	SRI Paddy, ha	In areas of assured irrigation	800
16	Community Nursery (Paddy), ha	For intervention by community basis	24

17	Green Manuring (Green Gram, dhaincha), ha	Organic farming	3200
18	No. of Pheromon trap used in paddy	IPM	150

4.4. Details of innovations recorded by the KVK

Thematic area	Storage loss minimization technique
Name of the Innovation	Storage of seeds and grains in cushion constructed of wheat straw and Mahua
Details of Innovator	Sri Yogendra Sharma , Gandhar, Modanganj
Back ground of innovation	The farmer found that more than 20% storage loss occurs in food grains due to lack of proper storage methods every year. He observed that Mahua flowers when dried properly can be kept for a long duration without being spoiled. Therefore, the idea of grain storage came into his mind by using Mahua flowers covered by straw layers.
Technology details	Seeds/ grains packed into gunny bags and stacked sandwiched & covered with wheat straw layer by layer. In between layers, Mahua flowers are kept as storage agent as a result there is no infestation of storage insects and diseases. Stored materials remain fresh and untouched with diseases and pests. He is practicing this since very long time with no extra expenditure and no use of any chemical pesticide that harm to the farm family. The grains can be stored for about 1 year. This technique of storage has been found to be comparatively much cheaper & safer. Being eco friendly method of storage, it is more beneficial from health point of view as compared to chemical method of storage and is also pollution free. About 50 percent farmers have adopted this practice as they find it more economical & easier.
Practical utility of innovation	Since, there is no use of chemical pesticides for storage So, it is hygienic & safe method. It will aid to organic farming, eco friendly and good environment

Thematic area	Seed treatment for moisture stress condition
Name of the Innovation	Use of "Noni" (Old soil dust) for better wheat yield in moisture stress condition
Details of Innovator	Sant Kumar Sinha, Sakrorha, Modanganj
Back ground of innovation	During winter season, due to lack of irrigation facility farmer is compelled to sow the wheat crop in poor moisture condition that affects the wheat germination. The village had some mud houses, which soaks moisture during the rainy season and after its drying, the dust falls from wall on the ground. It is known as 'noni' in local language
Technology details	Process: He collected it for better germination of wheat. In those fields where there is less moisture for wheat sowing , he used moist wheat seed. Wheat seed are first dipped in water, then taken out and kept in jute sack for 4-5 hour, after that noni is mixed with wheat seeds in equal amount

	so that, wheat seeds are coated with 'Noni'. Wheat seeds mixed with moist Noni are kept for the whole night and then next day they are sown after field preparation. Not only better germination was observed by this method but land is utilized which was otherwise remain fallow due to low moisture. This Noni is not only found in the mud houses of the village but during dry spells in rainy season such dust also exists above soil surface in 10 ha upland soil of this village. Thus, noni is collected in sufficient quantity and used for wheat seed coating. This technique adopted by farmers is beneficial and used by other farmers of the village
Practical utility of innovation	As per the farmer, Noni acts as soil conditioner, which makes the soil smooth. Wheat seed sowing after coating with moist 'Noni' resulted better germination percentage as about 80% in comparison to 50% when sown without Noni coating. Noni has some fertilizer properties which results in low requirement of chemical fertilizer.

Thematic area	Livestock management
Name of the Innovation	Stall feeding of goat farming
Details of Innovator	Sri Sudhir Kumar, Village- Muther, Block- Jehanabad
Back ground of innovation	He started goat farming on small scale initially with 5 goats. Gradually, seeing the success and getting income, Mr. Sudhir Kumar became very much motivated to introduce goat rearing through <u>Barbari and Sirohi breed brought from CIRG, Makdum, U.P.</u>
Technology details	He followed all the vaccination schedule for keeping the goats healthy. he observed that there was increase in milk productivity and gain in body weight of goats. As there was an increase in milk yield economics by 40%, and improvement in body weight to the tune of 12 to 20 kg (66% increase).
Practical utility of innovation	Sirohi crossed with black bangal goat gave increased body weight of 25-30 kg. & additional income Rs. 5000 per goat. At present Mr. Sudhir Kumar has increased the number of goats up to 55 in his goat farm

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Dairy enterprizes
Name & complete address of the entrepreneur	Sri Om Prakash, S/O lakheshwar Prasad, Vill- Pirogha, Block- Modanganj, Jehanabad, Mb. No.- 9504109202
Role of KVK with quantitative data support:	Technical support through training and practical, exposure visit, field visit and diagnostic visit at farmer field
Timeline of the entrepreneurship development	He is started from 2015 to till date
Technical Components of the Enterprise	Head to head animal head, dairy cow, fodder grass

Status of entrepreneur before and after the enterprise	Before: 1 cow After- 15 cow
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Presently his dairy farm, milk production 60-100 litres/ day and selling at COMFED, Jehanabad. He is also preparation of milk by product like ghee, paneer, peda.
Horizontal spread of enterprise	His technology has been influenced by the nearby farmers

Entrepreneurship development	
Name of the enterprise	Goat farming
Name & complete address of the entrepreneur	md. Julfikar Ansari, Vill- Fauladpur, Block- Ratni, Jehanabad, Mb. No.- 7479922417
Role of KVK with quantitative data support:	Technical support through training and practical, exposure visit, field visit and diagnostic visit at farmer field
Timeline of the entrepreneurship development	Started from 2017
Technical Components of the Enterprise	Goats (vr. Sirohi, Black Benagal and Jamuna pari)
Status of entrepreneur before and after the enterprise	Before: 10 After: 55
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Gradually, seeing the success and getting income, he became very much motivated to introduce goat rearing through black bengal and Sirohi breed brought from CIRG, Makdum, U.P. He followed all the vaccination schedule for keeping the goats healthy. he observed that there was increase in milk productivity and gain in body weight of goats. As there was an increase in milk yield economics by 40%, and improvement in body weight to the tune of 12 to 20 kg (66% increase), Sirohi crossed with black bengal goat gave increased body weight of 25-30 kg. & additional income Rs. 5000 per goat. At present he has increased the number of goats up to 55 in his goat farm.
Horizontal spread of enterprise	His technology has been influenced by the nearby farmers

4.6. Any other initiative taken by the KVK

- Selection of 5 new villages of the district aiming at DFI
- Conducted PRA survey in 5 selected villages for Doubling Farmer's income upto 2022
- Organization of "Krishak Choupal".
- Provision of Technical bulletins & Krishak Samachar to the participating farmers in 5 selected villages
- ODK Survey work for paddy & wheat (CSISA Project)
- 5 Farmers' Clubs have been formed in collaboration with NABARD in the adopted villages
- Two FPOs were formed in collaboration with NABARD namely Gandhar Agrotech farmers producer company limited, Modanganj, Jehanabad and Sahyogi Agro Producer Company Ltd., Makhdumpur, Jehanabad

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
DAO	Diagnostic survey, joint implementation and training
ICARDA	Demonstration, Training, Seed Production.
DHO	Participation in meetings and training.
ATMA	Training, Demonstration and Refinement of technology (OFT)
Bank	Coordination for Farmers club and SHG formation & functioning.
COMFED	Marketing & Training.
DRDA	Training and Demonstration.
ICAR-RCER, Patna	Animal health camp along with vaccination
Bihar Veterinary College, Patna	Infertility camp
Magadh Dairy, Gaya	Animal health camp along with vaccination, Training of AI workers, Pashu Mela
NABARD	Farmer's club formation
BAU, Sabour	Training, workshop, administration, financial, kisan mela, seed production etc.
Dr. Reddy Foundation	Training

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.)
Review of KVK by Hon'ble Rural Development Minister, Sri Ramkripal Yadav		28-07-2018	ICAR	250000
Pradhanmantri Kisan Samman Nidhi Programme		24.02.2019	ICAR	5560
Direct Telecast of Hon'ble Prime Minister of India to the farmers community through DD channel		20.06.2018	ICAR	4800
Direct Telecast of Hon'ble Prime Minister of India to SHG and the farm women through DD channel		12.07.2018	ICAR	3160
Parthenium Awareness Week		16-22.08.2018	ICAR	-
Swachhta hi Sewa programme		20-21 Aug 2018 17.11.2018 20,22,23,27 Dec, 2018 15.02.2019 09.03.2019	ICAR	14000
Survey of different village (CSISA project)	Farmers Survey regarding production technologies	July- September 2018	CSISA	160000
Krishak vaigyanik Varta (NICRA village Sakrorha)		26.09.2018	ICAR	-
Block level Kharif mahotsav		23-25 may 2018	ATMA, Jehanabad	-

Krishak Goshti cum Training programme in the presence of District Magistrate, Jehanabad at KVK campus		19.04.2018	ICAR (NICRA)	5640
Krishak Vaigyanik varta in the presence of Central Agriculture Minister, Sri Radhamohan Singh			ICAR	24000
Animal Health Camp		16.05.2018	-	-
Farmers scientist interaction programme		14.09.2018	-	-
Exposure visits (Bihar krishi conclave)		27.04.2018	ICAR	3500
Kharif/Rabi Sammelan cum mela		15.02.2019	ICAR	80000
Rabi Workshop		24.10.2018 26.10.2018 27.10.2018	ICAR	
District level rabi mahaabhiyan		12.10.2018	ATMA, Jehanabad	-
Vaccination programme		11.04.2018	-	-

(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.)
International Women Day		08.03.2019	ICAR	2920
Veterinary World Day		28.04.2018	ICAR	-
International Environmental Day		05.06.2018	ICAR	-
International Yoga Day		21.06.2018	ICAR	1160
ICAR foundation day		16.07.2018	ICAR	-
World Earth Day		09.08.2018	ICAR	-
National Milk Day		26.11.2018	ICAR	-
Mahila Kisan Diwas		15.10.2018	ICAR	3240
World soil day	Training, farmers scientist interaction, quiz on soil test and soil conservation & distribution of Soil Health Card	05.12.2018	ICAR	2400

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/bred	Produce	Qty.	Cost of inputs	Gross income	
1.	Mushroom Unit	2013	75 (Sq.mt)	Oyster	Oyster Mushr oom	25 kg	-	2500	
2.	Vermi Compost Unit	2014	144 sq. ft.	Vermi compost	Vermi comp ost	15 qtl	-	-	Used in KVK farm
	Total							2500	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Wheat			5.5	HD-2967	F/S	116.80			
Paddy			5.67	R. Sweta	C/S	187.19			
Paddy			0.33	Sahbhagi	T/L	7.26			
Veg. pea			0.33	Kashi Ageti	C/S	2.08			

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

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

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Feb 2019	11	55	
March 2019	8	44	
Total :	19	99	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
April 2014 onwards	✓	✓	✓	✓		

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Saving A/C	PNB (Main)	Kako, jehanabad	231000100338968
Saving A/C	SBI (Main)	BVCC, Patna	11435538045
Saving A/C	PNB (R/F)	Kako, Jehanabad	2321000100338977
Saving A/C	SBI (R/F)	BVCC, Patna	30777637395

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Mustard		45600	-	16232	29368

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	
Chickpea	-	180000	-	153820	26180
Lentil	-	360000	-	195320	164680
Field pea	-	-	-	-	-

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	8650000.00	8650000.00	8521698.00
2	Traveling allowances	117000.00	117000.00	116485.0
3	Contingencies			
A	Stationery, tele, postage and other office charge, POL, repair of vehicle	400000.00	400000.00	399841.00
B	Training of farmers			
C	Training materials (poster, charts)			
D	Training of Extension functionaries			
E	Training of RY	233000.00	233000.00	232868.00
F	FLD other than oilseeds & pulses	50000.00	50000.00	49125.00
G	OFT	73000.00	73000.00	72196.00
H	Soil and water testing			
I	Maintenance of building	50000.00	50000.00	49998.00
J	Swachhta Expenditure			
K	Extension activities/ Exhibition, Kisan mela etc.	45000.00	45000.00	44400.00
L	TSP	-	-	-
M	Control of lifting	250000.00	250000.00	250000.00
N	SCSP general	100000.00	100000.00	100000.00
	TOTAL (A)	1350000.00	1350000.00	1346913.00
B. Non-Recurring Contingencies				
1	Works	-	-	-
2	Vehicle	-	-	-
3	Equipment & furniture	350000.00		349619.00
4	SCSP capital	100000.00		100000.00

TOTAL (B)	450000.00		449619.00
C. REVOLVING FUND			
GRAND TOTAL (A+B+C)	10450000.00		1318230.00

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	2978524.65	908816.00	380558.98	3506781.67+ (Kind)
2016-17	3506781.67	1171467.00	408918.93	4269329.74+ (Kind Rs. 801400.00)
2017-18	4269329.74	1013785.00	358961.55	4924153.19 (Kind Rs. 750000)
2018-19	4924682.19	1313304	530959.40	5707026.79

7.6. (i) Number of SHGs formed by KVKs: 3

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities : 84 (Dairy, Poultry, Goatry, Agarbati, Apiary, Mushroom)

(iii) Details of marketing channels created for the SHGs

Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities.

- Milk.
- Vegetable production.
- Goatry.
- Mushroom production.
- Agarbatti Making

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 Maha Abhiyan	01	Kharif			✓
Rabi Maha Abhiyan	01	Rabi			✓
Within district exposure visit	01	Rabi	✓		
Annual health Camp	01	Rabi	✓		
Kharif workshop	01	Kharif			✓
Rabi workshop	01	Rabi			✓
Soil health day	01	Rabi			✓
Farmers scientist interaction programme	01	Kharif, Rabi		✓	
Extension functionaries Training	01	Rabi	✓		
New India Manthan Sankalp se Sidhi Program	01	Kharif			✓

8. Other information

8.1. Prevalent diseases in Crops: **No any disease were out break during 2018-19**

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

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: NIL

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: NIL

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	425	625891
Livestock	89	131067
Fishery	-	-
Weather	-	-
Marketing	-	-
Awareness	5	7360
Training information	5	7360
Other	-	-
Total	524	771678

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	495
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
23.09.2018, 7.10.2018, 14.10.2018	Awareness and training regarding environmental cleanliness, hygiene, cleaning of dairy units

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	1	40
2. Basic maintenance	216	-
3. Sanitation and SBM	28	3152
4. Cleaning and beautification of surrounding areas	32	4000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	900 kg	400
6. Used water for agriculture/ horticulture application	-	-
7. Swachhta Awareness at local level	37	-
8. Swachhta Workshops	15	-
9. Swachhta Pledge	12	1800
10. Display and Banner	2	600
11. Foster healthy competition	7	-
12. Involvement of print and electronic media	15	-
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	5	-
14. No of Staff members involved in the activities	15	-

15. No of VIP/VVIPs involved in the activities	7	-
16. Any other specific activity (in details)	-	-
Total	392	9992

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
Gajraj bigha, Pali block, Usari Kako	10.03.2018, 17.02.2018, 03.02.2018	Kako Block	Training

Give good quality 1-2 photograph(s)

9.9. Details of 'Pre-Rabi Campaign' Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darsan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPan chayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
15.02.2019	0	0	0	0	1	0	1	359	2	363	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	Awareness on composting of parthenium grass	4	29		
2	Krishak chaupal cum awareness on agri	10	26		

	residue management and vermicompost production				
3	Awareness on waste management including utilization of organic waste and generation of wealth from waste by vermi composting, composting of kitchen & home waste materials	5	22		
4	Awareness on crop residue management at Mandai, Modanganj		32		
5	Organized Kisan Diwas at KVK, campus	1	34	0	
6	Waste management using organic waste and generation of wealth from waste, composting of kitchen and home waste materials to promote organic farming among farmers at KVK	3	26		
7	Rabi mahotsava cum awareness on crop residue incorporation through machines	8	359	1	Smt. Aabha Devi, Jila Parishad, Jehanabad
8	Krishak chaupal cum awareness on non burning of crop residue	10	30		

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	Training, exhibition and quiz	6	81	0	0

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

Sl.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in
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No.			enterprise
1	Shankar Singh	Vill.- Gandhar, Modanganj	Progressive
2	Bhushan Sharma	Vill- Jaikishunbiga ,Modanganj	Progressive
3	Shyam Narayan Singh	Vill.- Bandhuganj, Modanganj	Progressive
4	Yogendra Sharma	Vill- Gandhar, Modanganj	Progressive
5	Sudhir Kumar	Vill- Muther, Jehanabad	Progressive
6	Nagendra Singh	Vill.- Muther, Jehanabad	Progressive
7	Vinay Kumar	Vill.- Mananpur, Modanganj	Progressive
8	Ganesh Prasad	Vill.-Keshopur, Kako, Jehanabd	Progressive
9	Manoj Kumar	Vill.- Dhongra, Hulashganj	Progressive
10	Rajdeo Prasad	Vill.- Gaurapur, Jehanabad	Progressive
11	Sri Sachidanand Sinha	Vill.-Sahpur, Block- Jehanabad	Progressive
12	Ganesh Prasad	Vill.- Keshopur, Kako	Progressive
13	Girijanandan Prasad	Vill.-Khalispur, Kako	Progressive
14	Albela Prasad	Vill.- Korma, Ghosi	Progressive
15	Reshma Devi	Vill.-Sripur, Ghosi	Progressive
16	Sudhir kumar	vill- Muther, Block- Jehanabad	Progressive
17	Smt. Sunita Kumari	Vill.-Tehta, Makhdumpur, Jehanabad	Innovative
	Sri Shivnarayan Yadav	Vill.- Lohgarh, Makhdumpur	Innovative
18	Gourav Raj	Vill.- Tira, Hulasganj	Innovative
19	Arvind Kumar Malviya	Vill. -Bandhuganj, Modanganj, Jehanabad	Innovative
20	Kamla Sharma	Vill.- Rampur Charui, Modanganj	Innovative
21	Badhan Prasad	Vill.- Dhamapur, Modanganj	Lead
22	Mrs. Indu Kumari	Vill.-Tehta, Makhdumpur, Jehanabad	Lead
23	Kaushal Sharma	Vill.- Sakrorha, Modanganj	Lead
24	Laxmikant Azad	Vill.- Jaikishunbiga, Modanganj	Lead
25	Pramila Devi	Vill.- Bandhuganj, Modanganj	Lead
26	Prem Kumar	Vill.- Kurua, Modanganj	Lead
27	Sant Kumar Sinha	Vill.- Sakrorha, Modanganj	Lead
28	Surendra Prasad Singh	Vill.- Saistabad, Modanganj	Lead
29	Rama Niwas	Vill.- Dehuni, Ghosi	Lead
30	Manoj Kumar	Vill.- Babhana, Jehanabad	Lead
31	Baidyanath Sharma	Vill.-Afjalpur, Kako, Jehanabad	Lead
32	Ranju Devi	Vill- Maulabigha, Modanganj	Lead
33	Sachdanand Prasad	Vill.-safepur, Kako	Lead

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Revolving fund	1313304.00	KVK
2.			
3.			

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	Training programme (Dr. Reddy)	Hall rent	Dr. Reddy	4000.00	
2	NYK training programme	Hall rent & audio video charges	NYK	18000.00	
3	Skill Development training programme	Hostel rent	ASCI- ICAR	32000.00	
4	BSDM skill development training programme	Hostel Rent	BSDM- BAMETI	34560.00	

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
	IMD	Non Functional

9.16. Contingent crop planning

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

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

a) Year: 2018

Introduction / General Information: No trial was conducted under CSISA. General survey of 30 villages conducted of 210 farmers only

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						

...						
..						
Others (If any)						

11. Details of TSP

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

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

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

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

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted								Remarks
				SC		ST		Other		Total		
In-situ moisture conservation practices				M	F	M	F	M	F	M	F	T
Bund strengthening in paddy	-	8	1.75	2	1			5		6		8
Land leveling of paddy field	-	6	3.5					6		6		6
Plastic Mulching in Okra	-	6	0.50					4	2	4	2	6
Straw Mulching in Bitter guard		12	1.50					1 2		1 2		12
Straw Mulching in Cauliflower		5	0.50	2				3		5		5
Conservation tillage where appropriate												
Use of Rotavator in paddy field prep.	1	2	5					2		2		2
Zero Tillage Technology, wheat	1	20	16.25	3	1			1 4	2	1 7	3	2 0
Water harvesting and recycling for supplemental irrigation												
7 Pond Renovation	7	46	21	4	2			3 5	4	3 9	6	46
Construction of 8 Check dam	8	18	16	4				1 4		1 8		18
Construction of miniature pond (5) in fields	5	5	0.50					5		5		5
Ground water recharge		3	5					4	1	4	1	5
Renovation of 3 open wells	3	22	17	5				1 4	3	1 9	3	22
Micro irrigation systems		3	4					3				3
Sprinkler System in Wheat HD2733	1	20	12					2 0		2 0		20
Lentil (var. HUL 57)	-	18	5	5				2 3		2 8		28
Rai (R. Suflam)	-	12	2	2	4			5	1	7	5	12

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
Advancement of planting dates of rabi crops in areas with terminal heat stress											
Contingency crop planning											
Pegeonpea as alternate crop for uplands	5	4				20		24			
Crop diversification	25	10				95	5	95	5	110	
Drought tolerant varieties											
short duration, drought tolerant paddy	42	4				50		50		54	
Moisture stress management											
Nutrient management	25	10				40	10	40	10	60	
Pest and disease management	40									74	
Seed production											
Short duration varieties	53.5	10				70	3	80	3	83	
Varietal evaluation											
Water saving paddy cultivation methods (SRI, aerobic, direct seeding) Other intervention (pl specify)	1					6		7		7	
Community Nursery for delayed monsoon											
Use of pond Water	1.95	5	2			15	1	20	3	23	

Livestock and fisheries

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

				M	F	M	F	M	F	M	F	T	
Animal health check up camp	195	42	15	5				150	25	165	30	195	
Artificial Insemination													
Breed up gradation	70	70	50	1				60	40	60		70	
De-worming in livestock	295	52											
Improved shelters for reducing heat stress in livestock													
Insurance coverage for livestock	12	12	2					8	2			12	
Lively hood security													
Mitigation of mineral deficiencies in animals	61	61										61	
Popularization of backyard poultry	2	70										70	
Popularization of duck farming	3	18										3	
Preventive vaccination	54	220										54	
Management of fish ponds/ tanks during water scarcity and excess water	3	0.75										3	
Hygienic Milk production													
Clean milk	15	35										15	

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		
Climate literacy through a village level weather station	1												
Commodity groups													
Mechanization through custom hiring for timely planting	1	13	2				15				17		

		15.5	1				5				6	
Fodder bank		0.5	5				2 5	2			32	
Seed bank		0.5					8	2			10	
Community nursery		2.5	7					3 0	5		42	
Nutritional garden		0.20						8	2		10	
Post-harvest losses												
Other intervention (pl specify)												
Community irrigation												

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Natural resource management	1	15	5			12 9	3 5	144	40	184
Farm implements and machineries	1	5				44	2	49	2	51
Home Science	1	10	5			27	1 5 0	160	32	192
IPM	1	19	9			90	2 5	109	34	143
Mushroom Production	1	2				15	1	17	1	18
Animal Husbandry	1	28	1 0			11 0	2 4	138	34	172
Value addition	1	5	3			35	7	40	10	50
Resource conservation technologies	1	5				35	2	40	2	42
PHT	1	7	1			28	1	35	2	37
ICM	1	11	5			70	2 5	81	30	101
Water conservation	1	9	6			60	1 5	69	21	90

Extension activities

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

Exposure visit of farmers	2	2				10		12	0	12
Strengthening SHGs (FPO formation)	1	5				10	4	19	0	19
Strengtheningkisan clubs										
Integrated farming system	1					1		1	-	1
Field days	1	4	1			20	3	28	4	32
Agro advisory Services	5	15	4			47	3	62	7	69
Method demonstrations	8	55	15			90	13	145	28	173
Awareness	1	10	8			21	4	31	12	43
Farmers day	1	5	2			15		20	2	22
SHG										
Campaign (swachhta)	1	3	4			28	8	31	12	43
Popular extension literature	4									
Animal Health Camp	1	15	4			103	18	118	24	142
World earth day										
KrishakChaupal										
KishanGosthi	1	14	5			67	25	81	30	111
Woman health and nutrition	1	2	4			8	10	4	14	18
NICRA Review Workshop at East Singbhum, National seminar	2							2	2	4
Scientist visit to field	17	8	3			60	10	68	13	81

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	Dr. Shobha Rani, Sr. Scientist & Head	2018	Society for Agriculture Innovation and Development (SAID), Ranchi		For outstanding contribution to society work
2	Dr. Shobha Rani, Sr. Scientist & Head	2018	Society for Agriculture Innovation and Development (SAID), Ranchi		For best paper on contribution of rural women in dairy
3	Dr. Shobha Rani, Sr. Scientist & Head	2018	Society for Upliftment of Rural Economy (SURE), Varanasi (U.P.), India		On 30 th Oct.-1 st Nov. 2018 in International Conference

					for outstanding contribution in the field of Agriculture Extension
4	Dr. Shobha Rani, Sr. Scientist & Head	2018	Indian Society of Extension Education (ISEE), New Delhi		On December (5-7), 2018 at WBUAFS, Kolkata for best paper entitled IFS for enhancing farmers' income and nutritional security
5	Dr. Shobha Rani, Sr. Scientist & Head	2018	Society of ATDS, Ghaziabad during 20-22 Oct, 2018 at Meerut		For outstanding contribution in the field of Home Science Extension Education
6	Er. Jeetendra Kumar, SMS (Agril. Engg.)	2018	Society of ATDS, Ghaziabad during 20-22 Oct, 2018 at Meerut		For best poster in the area of soil water conservation

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Progressive farmer award during Agri Expo 11-13, Jan. 2018	Sri Laxmi Kant Azad	2018	ICAR-RCER, Patna		A step towards doubling the income, ICAR-RCER, Patna
2	Outstanding performance in agriculture field 2018	Sri Gaurav Raj	2018	ICAR-RCER, Patna		18 th Foundation day of ICAR
3	Best Innovative farmer 2018	Sri Harendra Singh	2018	BAU, Sabour		Regional Kisan Mela, BAU, Sabour, 2019
4	Best Innovative farmer 2018	Sri Yogendra Sharma	2018	BAU, Sabour		National Farmer's Science Congress/ Foundation day of BAU, Sabour 05-07 Aug. 2018
5	Best progressive farmer (Dairy), 18	Sri Braj Kishore Sharma	2018	Print Media		NSIT, Bihita, patna
6	Farmer Innovation	Sri Sudhir Kumar	2018	ATARI, Zone IV,		Innovators Meet Programme

				Ptna		
7	Farmer Innovation	Smt. Sunita Kumari	2018	ATARI, Zone IV, Ptna		

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

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

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	Gandhar Agrotech farmers producer company limited			Need based / Demand of rabi and Kharif seed	paddy ,wheat , lantil chickpea, seed and fertilizer	156		Timely available of seed and fertilizers for farmers.
2	Sahyogi Agro Producer Company Ltd., Makhdumpur, Jehanabad			Production and marketing of agriculture and allied products	paddy ,wheat , lantil chickpea, seed and poultry	250		
3	Pragatishil Kisan Club, Safepur		150212454, NABARD				0.05	
4	Maa kali Krishak Club, Rampur Charue		150212453, NABARD				0.05	
5	Pragatisheel Kisan Club, Jaikishunbi gha		150212443, NABARD				0.05	
6	Pragatisheel Krishak Club, Keshopur		150212431, NABARD				0.05	

16. Integrated Farming System (IFS)
Details of KVK Demo. Unit

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

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Goat farming	- Stall feeding - Control kid mortality - Deworming & vaccination	400000 per year	15 (Goat No. 20-50)	
2	Poultry farming	- Backyard poultry farming - Egg & meal purpose i.e Jharsim, vanaraja & grampriya	30000 per year	30-35 (Poultry No.50-100)	
3	Dairy farming	- tail to tail housing system - Control of heat stress - Regular deworming & vaccination - Computation of ration (Feed block	500000 per year	55 (10-20 cows)	

		& UMMB)			
4	Fish farming	• IVS model	500000 per year	25	
5	Mushroom production	• Spawn production, • Mushroom marketing, • processing of mushroom, • Preservation of mushroom as pickles, dry power	60000-70000/unit/yr	70	

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)
28-07-2018	Hon'ble Sri Ram Kripal Yadav Gi	Union Minister of State, Ministry of Rural Development.	

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	Bee keeper	Dr. Wajid hasan			20	Y	127130.00
	Broiler poultry farm worker	Dr. Dinesh mahto	06.02.2017	28.03.2017	20	Y	152114.00
2017-18	Pesticides & fertilizer applicator (BSDM)	Sri Ajit Kumar Paswan	15.12.2017	19.01.2018	30	Y	
2018-19	Mushroom Grower	Dr. Shobha Rani, Sri Kundan Kumar Sri ,Ramlakhan Thakur,	22.11.2018	16.12.2018	20	Y	165185.00
2018	Dairy farmer	Dr. Dinesh mahto	16.11.2018	10.12.2018	20	Y	154046.00
2018	Mushroom Grower (BSDM)	Dr. Shobha Rani, Sri Kundan Kumar, Sri ,Ramlakhan Thakur,	15.02.2019	26.03.2019	30	Y	
2018	Bee keeper (BSDM)	Dr. Wajid Hasan	01.03.2019	02.04.2019	25	Y	

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

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Mushroom Grower (BSDM)	Mushroom Grower	240	3	2	0	0	24	1	27	3	30	314214.0
Bee keeper (BSDM)	Bee keeper	240	2	1	0	0	19	3	21	4	24	155411.0

21. Information on NARI Project (if applicable):NA

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

[illegible][illegible][illegible][illegible]

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

Krishi Kalyan Abhiyan- III

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

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

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

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