PROFORMA FOR ANNUAL REPORT 2017-18 (April 2017to March 2018)

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, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. (Mrs.) Shobha Rani	Programme Co-ordinator	Home Science	PB-4 + Grade Pay Rs. 9000 & 49240	15.05.2012	Permanent	Others
2	Subject Matter Specialist	Dr. Dinesh Mahto	Subject Matter Specialist	Animal Science	PB-3 + Grade Pay Rs 5400 & 24350	16.04.2012	Permanent	OBC
3	Subject Matter Specialist	Er. Jeetendra Kumar	Subject Matter Specialist	Agril. Engg.	PB-3 + Grade Pay Rs . 6000 & 29070	07.04.2012	Permanent	OBC
4	Subject Matter Specialist	Dr. Wajid Hasan	Subject Matter Specialist	Entomology	PB-3 + Grade Pay Rs. 5400 & 24350	16.04.2012	Permanent	OBC
5	Subject Matter Specialist	Sri Ajit Kumar Paswan	Subject Matter Specialist	Agronomy	PB-3 + Grade Pay Rs. 5400 & 24350	19.04.2012	Permanent	SC
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	Kundan Kumar	Programme Assistant (Lab. Tech)		PB-2 + Grade Pay Rs. 4200 & 15670	29.10.2012	Permanent	OBC
9	Computer Programmer	Manoj Kumar	Programme Assistant (Comp.)	-	PB-2 + Grade Pay Rs. 4200 & 15210	13.05.2013	Permanent	OBC
10	Farm Manager	Ram lakhan Thakur	Farm Manager	-	PB-2 + Grade Pay Rs. 4200 & 15670	26.10.2012	Permanent	OBC
11	Accountant / Superintendent	Dhananjay Kumar	Office Superintendent – cum-Accountant	-	PB-2 + Grade Pay Rs. 4200 & 15210	15.04.2013	Permanent	OBC
12	Stenographer	Abhay Kumar	Stenographer	-	PB-1 + Grade Pay Rs. 2400 & 13360	17.07.2013	Permanent	OBC
13.	Driver	Ayush Kumar	Driver		PB-1 + Grade Pay Rs. 2000 & 8990	11.05.15	Permanent	SC
14.	Driver	Vijay Kumar	Driver	-	PB-1 + Grade Pay Rs. 2000 & 8990	18.05.15	Permanent	OBC
15.	Supporting staff	Sri Sanjay Kumar	Supporting Staff	-	Outsourcing	11.06.2007	Temporary	Others
16.	Supporting staff	Kshatrapati Singh	Supporting Staff	-	Outsourcing	2014	Temporary	Others

1.6. Total land with KVK (in ha) :10 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 31.03.2017	Present status
BOLERO-LX BR IAP 4996	29.06.2006	4,15,436.50 + 12.5% VAT	193286	In the process of auction
Motor bike, BR01CR 8038	2015-16	60000	8537	Functional
Motor bike, BR01CR 8039	2015-16	60000	8720	Functional
Bolero BR 25 P 8971	2017-18	674299.82	12590	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	2017-18	674299.82	Working	Provided by BAU, Sabour
Bolero accessories	2017-18	25800.00	Working	Provided by BAU, Sabour
Bio metric Nitegen E (BSDM)	2017-18	5000.00	Working	Provided by BAU, Sabour
UPS	2017-18	2450	Working	Provided by BAU, Sabour
Soil testing kit including reagent	2017-18	85008.00	Working	Provided by BAU, Sabour
Fire extingusher 6 kg	2017-18	2950.00	Working	Provided by BAU, Sabour
Gumboot for sprayer	2017-18	1514	Working	BSDM training
Delivery set (rocker) sprayer	2017-18	11536.00	Working	BSDM training
Pesticides & fertilizer equipments (25)	2017-18	834.00	Working	BSDM training
Steel almirah	2017-18	5900.00	Working	ICAR
Veterinary kit	2017-18	6812.00	Working	ICAR
Supreme turbo chair (90)	2017-18	82800.00	Working	ICAR
Visitor chair (Silk back cusion)	2017-18	24000.00	Working	ICAR
Soil Health card board (Iron)	2017-18	10920.00	Working	ICAR
Iron gril gate	2017-18	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	In process	NICRA
Direct seeded rice machine	2016-17	65000	In process	NICRA
Bund Farma Disc model	2016-17	18780	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.	06.09.2017	51	JEEVIKA should also send its SHG women to participate in mushroom production training organized at KVK	Members of SHG formed by JEEVIKA have participated in mushroom production training	
2			Training and Kishan Choupal calendar to be circulated among line department	Being conducted regularly	
3			FLD on probiotic and immuno modulator should be conducted	Will be conducted in 2018-19	
4			Pamphlets publication on Zero tillage with weedicide recommendation	Publication done	
5			Condut training on Zero tillage and DSR for Extension functionaries with the help of DAO	Training on zero tillage for extension functionaries done on 11.10.2017 and for VRPs of JEEVIKA on 20.02.2018	
6			Change should be made in OFT on ZT with maize to lentil	OFT on ZT lentil has been conducted in 2017-18	
7			OFTs recommendation should be sent to line departments	Has been sent	
8			FLD on Pendimethaline to manage cuscuta in lentil	Will be done in 2018-19	
9			Formulation of OFT on Biopesticides should be done	OFT has been conducted on ecological based management of mustard aphid conducted in 2017-18 and OFT on eco friendly management of gram pod borer will be done 2018-19	
10			Formulation of fertility map of Adopted village	Under process	
11			Knowledge of Govt. schemes should be given to farmers during Kishan choupal, kisan gosthi etc	Being followed	
12			Animal health camp should be organized in adopted village with	Has been conducted as follows Safepur- 12.09.2017	

			the help of concern department	Khalispur & Keshopur- 16.11.2017 Rampurcharui- 23.11.2017 Sakrorha- 12.02.2018 Jaikishubigha- 19.03.2018	
13			Training should be organized for Pesticide Dealers with the help of DAO	KVK has conducted Skill development training of 200 hrs. duration on Pesticides & Fertilizer Applicator	
14			Training for Extension worker of dairy department staff should be conducted	Training has been conducted for AI worker on 23.02.2018 and VRPs of JEEVIKA on 09.02.2018	
15			Seed treatment campaign must be organized to ensure	Being followed during kisan chaupal	
16			FLD on nutritional garden	FLD on mini sprinkler for nutritional garden has been done	
17			Ensure uploading KVK activities on KVK portal	Being regularly uploaded	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2017-18)

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-8.54*Qt./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

Note: Please give recent data only

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

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.	Jehan abad	Modan ganj	Jaikishunbi gha	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.		Modan ganj	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	Safepur	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.		Modan ganj	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.		Modan ganj	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		Makhd umpur	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		Modan ganj	Dhamapur	Paddy, wheat, pulses	CFLD on chickpea, lentil, Zero tillage wheat	Resource conservation
12		Makhd umpur	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		Modan ganj	Arhit	Paddy, wheat, pulses, oilseed	CFLD on pulses and oilseed	Pulse cultivation
15		Modan ganj	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		Modan ganj	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						
21		Modan ganj	Mananpur	Paddy, wheat, pulses	DSR	RCT
22		Jehanabad	Muther	Paddy, wheat, pulses	RCT	RCT
23		Makhd umpur	Tilkai	Paddy, wheat, pulses	Pink borer in wheat	IPM
24		Modan ganj	Mustafapur	Paddy, wheat, pulses	Disease management in chickpea & lentil, insect management in wheat	IPM, chickpea CFLD
25		Makhd umpur	Tarhua	Paddy, wheat, pulses	CFLD green gram	Summer pulses
26		Kako	Satanpur	Paddy, wheat, pulses, oilseed	CFLD mustard	Oilseed cultivation
27		Modan ganj	Rukanpura	Paddy, wheat, pulses, oilseed, spice	Spices (Turmeric cultivation)	Spices cultivation
28		Makhd umpur	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		Modan ganj	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 (2017-18) 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 (Ardhajal, 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	CFLD Mustard var R. suflam, lentil var.-HUL 57, field pea prakash, late sown wheat HI-1563,drought tolerant paddy variety Sahbhagi, Direct sowing of paddy by paddy seeder, Mulching in okra, training, Kisan club formation, participation in BAU Kisan Mela and exhibition, , soil day, sankalp se sidhi programme, exposure visit at ICAR-RCER, Patna and Agro-Tech prograame, Patna, participation in horticultural exhibition, Swachha Bharat Mission programme, demo on oilseed and pulses, exposure visit, IPM in vegetable, Kitchen Gardening, conducted OFT water management, BLOTP organized, participation in Agrotech programme at Gandhi Maidan, Patna, 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
Khalispur	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:						No. of technologies:					
Number of OFTs		Number of farmers				Number of FLDs		Number of farmers			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
10	13	100	24	95	119	10	12	200	36	186	222

Training						Extension activities					
Number of Courses		Number of Participants				Number of activities		Number of participants			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
100	199	5000	2313	6773	9086	4000	4172	5000	-	-	7220

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
250	269	-	-

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	0.10 (Auction basis)	-	0.00458

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	12	
Seminar/conference/ symposia papers	7	
Books	-	
Bulletins	11	7500
News letter	4	4000
Popular Articles	1	
Book Chapter	-	
Extension Pamphlets/ literature	-	
Technical reports	16	
Electronic Publication (CD/DVD etc)	3	
TOTAL		

1 Achievements on technologies assessed and refined

OFT-1 (Agronomy)

Rice: (Variety- Rajendra Sweta)

1.	Title of On Farm Trial	Reducing P-requirement by taking advantage of its residual effect in rice-wheat cropping system
2.	Problem diagnosed	P is used in both crops under rice-wheat cropping system leads to increase in cost of cultivation.
3.	Details of technologies selected for assessment/refinement.	TO1(Farmer Practice): N:P:K (150Kg/ha N+40Kg/ha P2O5+ 0kg K2O) TO2: Recommended dose of N:P:K (120Kg/ha N+0 Kg/ha P2O5+40 Kg/ha K2O) TO3: N:P:K (120Kg/ha N+60Kg/ha P2O5+40 Kg/haK2O)
4.	Source of Technology	BAU, Sabour
5.	Production system and thematic area	INM
6.	Performance of the technology with performance indicators	Table 1
7.	Final recommendation for micro	Application of N: P: K TO2: The dose of N: P: K (120Kg/ha N+0 Kg/ha P2O5+40 Kg/haK2O)

	level situation	with the highest B: C ratio may be recommended.
8.	Constraints identified and feedback for research	New technology may be tested
9.	Process of farmer participation and their reaction	Active participation of farmers being observed.

Thematic area: INM

Problem definition: P is used in both crops under rice-wheat cropping system leads to increase in cost of cultivation.

Technology assessed: TO1(Farmer Practice): N:P:K (150Kg/ha N+40Kg/ha P2O5+ 0kg K2O)

TO2: Recommended dose of N:P:K (120Kg/ha N+0 Kg/ha P2O5+40 Kg/ha K2O)

TO3: N:P:K (120Kg/ha N+60Kg/ha P2O5+40 Kg/haK2O)

Table 1.

Treatment		Yield Components			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
	Number of Replication	No. of tillers per m^2	Panicle length(cm)	No. of grains/panicle					
TO1(Farmer Practice): N:P:K (150Kg/ha N+40Kg/ha P2O5+ 0kg K2O)	05	1175	24	180	37.5	29327	58125	28798	1.98
TO2: Recommended dose of N:P:K (120Kg/ha N+0 Kg/ha P2O5+40 Kg/ha K2O)	05	1240		189	40.20	27414	62310	34896	2.2
TO3: N:P:K (120Kg/ha N+60Kg/ha P2O5+40 Kg/ha K2O)	05	1270	22.46	195	41.4	30800	64170	33370	2.08

Results:

The On Farm Trial conducted at farmers field in Jehanabad district to investigate the residual effect of Phosphorus applied in rabi season which is utilized in kharif by the rice crop. The result reveals that the Technogy Option 3 (application of N:P:K (120Kg/ha N+60Kg/ha P_2O_5+40 Kg/ha K_2O) produced highest grain yield as 41.4 q/ha with B:C ratio (1:2.08) but Technogy Option 2 (with dose of N:P:K (120Kg/ha N+0 Kg/ha P_2O_5+40 Kg/ha K_2O**)** yield is 40.20 q/ha and the B:C ratio is the highest (1:2.20), and yield is the lowest in Technical Option 1 as 37.5 q/ha with the lowest B:C ratio (1:1.98) which is Farmer Practice.

OFT: 2

1.	Title of On Farm Trial	Evaluation of drought tolerant varieties of paddy
2.	Problem diagnosed	Low yield due toless availability of water.
3.	Details of technologies selected for assessment/refinement.	Farmers Practice: Panna mahsuri Technical Option 1: Sahbhagi Technical Option 2: Sabour Ardhjal
4.	Source of Technology	BAU, Sabour
5.	Production system and thematic area	Crop Improvement
6.	Performance of the technology with performance indicators	Table 2
7.	Final recommendation for micro level situation	Sabour Ardhajal is recommended for the situation.
8.	Constraints identified and feedback for research	New technology may be tested
9.	Process of farmer participation and their reaction	Active participation of farmers being observed.

Thematic area: Crop Improvement

Problem definition: Low yield due toless availability of water.

Technology assessed:

Farmers Practice: Panna mahsuri

Technical Option 1: Sahbhagi

Technical Option 2: Sabour Ardhjal

Table: 2.

Treatment	Yield Components			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
	No. of tillers per m^2	Panicle length(cm)	No. of grains/panicle					
FP-Panna mahsuri	980	21.5	168	37.2	30200	57660	27460	1.90
TO1-Sahbhagi	1110	23.0	176	40.4	30200	62620	32420	2.07
TO2-Sabour Ardhjal	1222	23.80	188	42.8	30200	66340	34140	2.20

Results:

The On Farm Trial conducted at farmer's field in Jehanabad district to investigate the effect of paddy variety on yield. The result reveals that the Technogy Option 2 (Sabour Ardhjal) produced highest grain yield as 42.8 q/ha with highest B:C ratio (1:2.20) followed by Technogy Option 1, (Sahbhagi**)** yield 40.40 q/ha , B:C ratio (1:2.07). In the (Farmers Practice) yield is ther lowest 37.2 q/ha with the lowest B:C ratio (1:1.90). The Technogy Option 2 (Sabour Ardhajal) can be recommended to get good grain yield in drought condition.

OFT: 3 (Continue)

1.	Title of On Farm Trial	To assess the "Weed Control Effects on the Wheat- Legume Intercropping
2.	Problem diagnosed	Use of herbicide affects soil and human health and the environment.
3	Details of technologies selected for assessment/refinement.	Farmers Practice : Sole wheat (Use of post emergence herbicides) Technical Option 1: Wheat (3 rows) + Pea (3 rows) Technical Option 2: Wheat (3 rows) + Cow Pea (3 rows)
4	Source of Technology	The University of Agriculture, Peshawar.
5	Production system and thematic area	Integrated Weed management
6	Performance of the technology with performance indicators	Table 3
7	Final recommendation for micro level situation	Continue
8	Constraints identified and feedback for research	New row ratio of wheat – legume may be tested.
9	Process of farmer participation and their reaction	Active participation of farmers observed.

Thematic area: Integrated Weed management

Problem definition: Use of herbicide affects soil and human health and the environment.

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

Technical Option 1: Wheat (3 rows) + Pea (3 rows)
Technical Option 2: Wheat (3 rows) + Cow Pea (3 rows)

Table: 3

Technology option	No. of trials	Yield(q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Sole wheat (Use of post emergence herbicides)	05	34.40(Wheat)				
Wheat (3 rows) + Pea (3 rows)	05	25.50(Wheat) 12.00(Pea)				
Wheat (3 rows) + Cow Pea (3 rows)	05	23.50(Wheat) (Cowpea) Fruiting continue				

OFT:1Entomology

1.	Title of On farm Trial	Management of Leaf folder (LF) *Cnaphalocrocismedinalis* (Guenee) in paddy
2.	Problem diagnose	Cultivation of high yielding varieties and application of high level of nitrogenous fertilizers has result in emergence of leaf folder as a major pest in most rice tracts.In case of severe infestation, the leaf margin and tips are totally dried up and the crop gives a whitish appearance.
3.	Details of technologies selected for assessment/refinement	Technological Option 01 : Farmer practices (Chalorpyrifos 20 EC @ 500ml/ha and 150 Kg/ha Nitrogen) Technological Option 02 : Nitrogen @100kg/ha and application of Cartap 4G @25 kg/ha (Ist application at Panicle initiation stage and IInd at Flowering stage) Technological Option 03: Spray of Fipronil 5 SC @800 ml/ha (Ist spray at Panicle initiation stage and IInd at Flowering stage)
4.	Source of Technology	Directorate of Rice Research, Hyderabad
5.	Production system and thematic	Rice-Wheat

	area	Integrated Pest Management
6.	Performance of the Technology with performance indicators	The infestation of leaf folder decrease and increase yield significantly
7.	Final recommendation for micro level situation	The insecticide Fipronil 5 SC @800 ml/ha andCartap 4G @25 kg/ha with application of Nitrogen @100kg/hacan be recommended to manage leaf folder insect pests 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 Pest Management

Problem definition:

Cultivation of high yielding varieties and application of high level of nitrogenous fertilizers has result in emergence of leaf folder as a major pest in most rice tracts.In case of severe infestation, the leaf margin and tips are totally dried up and the crop gives a whitish appearance.

Technology assessed:

Technical Option 01 : Farmer practices (Chalorpyrifos 20 EC @ 500ml/ha and 150 Kg/ha Nitrogen)

Technical Option 02 : Nitrogen @100kg/ha and application of Cartap 4G @25 kg/ha (Ist application at Panicle initiation stage and IInd at Flowering stage)

Technical Option 03: Spray of Fipronil 5 SC @800 ml/ha (Ist spray at Panicle initiation stage and IInd at Flowering stage)

Table:2

Technology option	No. of trials	Infestation (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Chalorpyrifos 20 EC @ 500ml/ha and 150 Kg/ha Nitrogen	10	8.2	40.30	33,000	62,465	29,465	1.89
Nitrogen @100kg/ha and application of Cartap 4G @25 kg/ha (Ist application at Panicle initiation stage and IInd at Flowering	10	1.7	43.50	33,500	67,425	33,925	2.01

stage							
Fipronil 5 SC @800 ml/ha (Ist spray at Panicle initiation stage and IInd at Flowering stage	10	1.5	44.60	33,500	69,130	35,630	2.06

Results: -

Results revealed that the paddy field treated with Spray of Fipronil 5 SC @800 ml/ha (Ist spray at Panicle initiation stage and IInd at Flowering stage) were recorded highest yield (44.60 q/ha) and cost benefit ratio (2.06) followed by plots treated byNitrogen @100kg/ha and application of Cartap 4G @25 kg/ha (Ist application at Panicle initiation stage and IInd at Flowering stage), the yield recorded as 43.50 q/ha and cost benefit ratio (2.01). Whereas the plots treated by farmer practices recordedlowest yield (40.30 q/ha) and cost benefit ratio (1.89). The observation on infestation of leaf folder was recorded lowest (1.5%) in treated plots with Fipronil followed by Cartap (1.7%) and farmer practices (8.2%).

Therefore it can be concluded that the insecticide Fipronil 5 SC @800 ml/ha andCartap 4G @25 kg/ha with application of Nitrogen @100kg/ha can be recommended to manage leaf folder insect pests in paddy..

OFT-2Entomology

1.	Title of On farm Trial	Management of charcoal rot in chickpeaand Lentil
2.	Problem diagnose	The above ground symptomsinclude yellowing and stunting of plants and premature ripening of pods. The roots are black (charcoal),discoloration of roots and lack of feeder roots.
3.	Details of technologies selected for assessment/refinement	Technical Option 01 : Farmer practices (without seed treatment) Technical Option 02 : Seed treatment with Azoxystrobin (23%) @1 ml/kg seed Technical Option 03: Seed treatment with Carbendazim (50 WP)@ 2g/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 reduce and increase yield marginally.
7.	Final recommendation for micro level situation	The seed treatment of chickpea with Azoxystrobin @1 ml/kg seed / Carbendazim@ 2g/kg seed is recommended to reduce charcoal rot in chickpea.

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:
The above ground symptoms include yellowing and stunting of plants and premature ripening of pods. The roots are black (charcoal), discoloration of roots and lack of feeder roots.
Technology assessed:
Technical Option 01 : Farmer practices (without seed treatment)

Technical Option 02 : Seed treatment with Azoxystrobin (23%) @1 ml/kg seed

Technical Option 03: Seed treatment with Carbendazim (50 WP)@ 2g/kg seed
Table:Economics
Chickpea

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 (without seed treatment)	8	1.0	16.00	-	27,500	70,400	42,900	2.56
Seed treatment with Azoxystrobin (23%) @1 ml/kg seed	8	0.5	16.80	5.0	27,700	73,920	46,220	2.67
Seed treatment with Carbendazim (50 WP)@ 2g/kg seed	8	0.5	16.90	5.6	28,000	74,360	46,360	2.66

Lentil

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 (without seed treatment)	8	1.2	15.0	-	27,000	63,720	36,720	2.36
Seed treatment with Azoxystrobin (23%) @1 ml/kg seed	8	0.4	15.3	2.1	27,200	65,025	37,825	2.39
Seed treatment with Carbendazim (50 WP)@ 2g/kg seed	8	0.3	15.5	3.3	27,500	65,875	38,375	2.40

Results: -

Results revealed that the higher yield of chickpea (16.90 q/ha) and 2.66 BC ratio with 0.50 per cent incidence of charcoal rot were recorded in plots of seed treated with Azoxystrobin followed by plots of seed treated withCarbendazim, the yield (16.80 q/ha) and 2.67 BC ratio with 0.5 per cent incidence of charcoal rot observed. Whereas plots without seed treatment the yield (16.00 q/ha) and 2.56 BC ratio with 1.00 per cent incidence of charcoal rot were recorded.

Whereas the highest yield of Lentil was recorded 15.5 q/ha and 2.40 BC ratio with 3.30 per cent incidence of charcoal rot were recorded in plots of seed treated with Azoxystrobin followed by plots of seed treated withCarbendazim, the yield (15.3 q/ha) and 2.39BC ratio with 0.4 per cent incidence of charcoal rot observed. Whereas plots without seed treatment the yield (15.00 q/ha) and 2.36 BC ratio with 1.20 per cent incidence of charcoal rot 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 Azoxystrobin @1 ml/kg seed / Carbendazim@ 2g/kg seed is recommended to reduce charcoal rot in chickpea and lentil.

OFT-3Entomology

1.	Title of On farm Trial	Ecological based management of mustard aphid, *Lipaphis erysimi*Kalt
2.	Problem diagnose	Mustard aphid is the most notorious pest of mustard in all the mustard growing areas of the country.
3.	Details of technologies selected for assessment/refinement	Technical Option 01 : Farmer practices (No Spray) Technical Option 02 : Thiamethoxam 25 WG@25 gma.i./ha Technical Option 03: Two spray of 1% *Lantana camara* leaf extract at 15 days interval
4.	Source of Technology	BAU,SABOUR
5.	Production system and thematic area	Rice-Mustard Integrated Pest Management
6.	Performance of the Technology with performance indicators	The infestation of insect is reduced and increase yield marginally.
7.	Final recommendation for micro level situation	It can be recommended that the.
8.	Constraints identified and feedback for research	Assessment of other ecofriendly technologies
9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology

Thematic area: Integrated Pest Management

Problem definition: Mustard aphid is the most notorious pest of mustard in all the mustard growing areas of the country.

Technology assessed:

Technical Option 01 : Farmer practices (No Spray)

Technical Option 02 :Thiamethoxam 25 WG@25 gma.i./ha

Technical Option 03: Two spray of 1% *Lantana camara* leaf extract at 15 days interval with safflower as border

Table:

Technology option	No. of trials	No of aphids per 10 cm central twig	Yield (q/ha)	% increase	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer practices (No Spray)	8	250	15.0	-	14,000	60,000	46,000	3.28
Thiamethoxam 25 WG@25 gma.i./ha	8	2	16.8	12	14,500	67,200	52,700	3.63
Two spray of 1% *Lantana camara* leaf extract at 15 days interval with safflower as border	8	60	15.6	4	14,200	62,400	48,200	3.39

Results: -

Results revealed that the lowest Number of aphids per 10 cm central twig (2) was observed with marginally higher yield (16.8 q/ha) and cost benefit ratio 3.63 in Thiamethoxam treated plots followed by *Lantana camara* treated plots infestation was recorded 60 aphids per 10 cm central twigwith yield of 15.6 q/ha and BC ratio is 3.39. Whereas farmer practice treated plots 250 aphids per 10 cm central twig was observed with yield of 15.0 q/ha and cost benefit ratio is 3.28.

Therefore it can be recommended that the Thiamethoxam and 1% *Lantana camara* leaf extract to manage the infestation of mustard aphid, *Lipaphis erysimi* Kalt

OFT-4Entomology

1.	Title of On farm Trial	**Management of pink stem (*Sesamiainferenns*) borer in wheat**
2.	Problem diagnose	Larvae bore into central shoot resulting in the drying up of the growing point and formation of "dead heart" in young plant as a result of larval feeding sometimes the bottom internodes show circular ring like cuts. At ear head stage "white ears" are produced.
3.	Details of technologies selected for assessment/refinement	Technical Option 01 : Farmer practices (Thimet @ 5kg/acre) Technical Option 02 : Thiodicarb @625 g/acre Technical Option 03: Dichlorvas@ 500 ml/acre
4.	Source of Technology	Directorate of Wheat Research, Karnal
5.	Production system and thematic area	Rice-Wheat Integrated Pest Management
6.	Performance of the Technology with performance indicators	The infestation of insect is reduced and increase yield marginally.

7.	Final recommendation for micro level situation	It can be recommended that the Thiodcarb and Dichlorvas manage the infestation of pink stem borer in wheat.
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 Pest Management

Problem definition: Larvae bore into central shoot resulting in the drying up of the growing point and formation of "dead heart" in young plant as a result of larval feeding sometimes the bottom internodes show circular ring like cuts. At ear head stage "white ears" are produced.

Technology assessed:
Technical Option 01 : Farmer practices (Thimet @ 5kg/acre)

Technical Option 02 :Thiodicarb @625 g/acre

Technical Option 03: Dichlorvas@ 500 ml/acre

Table:

Technology option	No. of trials	Infestation (%)	Yield (q/ha)	% increase	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer practices (Thimet @ 5kg/acre)	8	2.30	34.0	-	34.0	29,500	58,990	29,490	2.00
Thiodicarb @625 g/acre	8	1.00	35.6	4.71	35.6	30,000	61,766	31,766	2.06
Dichlorvas@ 500 g/acre	8	1.54	35.1	3.24	35.1	29,800	60,548	30,748	2.03

Results: -

Results revealed that the lowest infestation (1.0%) of pink stem borer was observed with marginally higher yield (35.60 q/ha) and cost benefit ratio 2.06 in Thiodicarb treated plots followed by Dichlorvas treated plots infestation was recorded 1.54 per cent with grain yield of 35.1 q/ha and BC ratio is 2.03. Whereas farmer practice treated plots infestedwith stem borer was 2.30% observed with yield of 34.00 q/ha and cost benefit ratio is 2.00.

Therefore it can be recommended that the Thiodcarb and Dichlorvas manage the infestation of pink stem borer in wheat.

OFT-1 Animal Science

1.	Title of On farm Trial	Effect of herbal drugs in endometritis among cows
2.	Problem diagnose	Infertility & low milk production
3.	Details of technologies selected for assessment/refinement	For improve Fertility and milk production.
4.	Source of Technology	IVRI, Izatnagar , Bareily.
5.	Production system and thematic area	Diseases and feeding management
6.	Performance of the Technology with performance indicators	Conception rate , Milk production and Fat Percentage
7.	Final recommendation for micro level situation	Health and Reproductive Failure due to Nutritional problems of cattle.
8.	Constraints identified and feedback for research	Cystic and smooth ovary
9.	Process of farmers participation and their reaction	Treatment process is used in farmer's house & best reaction after low cost of treatment.

Thematic area: Nutritional management

Problem definition: Infertility due to Bacterial infection of uterus in cows

Technology assessed: Intrauterine treatment for control of uterine infection by herbal ,Immunomodulator and broad spectrum antibiotics

Result table:

Technology option	No. of trials	Yield component pre & post treatment					Gross Cost of feed/medicine /labour (Rs.)	Gross return (Rs @30/lit /cow))	Net return (Rs.)	B :C ratio
		Pre treatment		Post treatment		No. of Conceived (%)				
		Avg. Milk (Lit)	Fat(%)	Avg. Milk (Lit)	Fat(%)					
	5	7.70	3.48	7.78	3.7	+2	8414	7002	498	0.93

I. Lugol's paint and Dewormer (**Farmers Practice)**						(40%)				
II. Garlic liquid(5 ml I/U route for 3 days)	5	11.1	3.6	11.78	4.48	+3 (60%)	8414	10404	1990	1.2
III. Immunomodulator(Oyster Glycogen 500mg +50ml PBS) and Mineral mixture 1% of the concentration	5	10.78	3.78	11.38	4.72	+4 (80%)	8550	10242	1692	1.19
IV. Antibiotics (Lenovo AP) 15 ml for two days and Mineral mixture 1% of the concentration	5	10	3.44	10.72	4.06	+3 (60%)	8400	9576	1176	1.14

Results: TO III Garlic liquid is better than that of others groups for endometritis treatment in cows in respect of B:C ratio(1:2) and Milk production (Avg=11.78lit).

OFT-2 Animal Science

1.	**Title of On farm Trial**	**Assessment of growth performance after supplement of Subabool pod feed in goat kids.**
2.	Problem diagnose	Poor growth performance and low body wt gain
3.	Details of technologies selected for assessment/refinement	Supplementation of Probiotic, Immunomodulator, Subabool pod & mineral mixture will increase body wt. gain.
4.	Source of Technology	BVC, Patna ,Bihar.
5.	Production system and thematic area	Diseases and feeding management
6.	Performance of the Technology with performance indicators	Body wt gain / kid production system
7.	Final recommendation for micro level situation	Health and Reproductive Failure due to Nutritional problems of goats.
8.	Constraints identified and feedback for research	Good source of nutrition specially macro and micro element found in subabool pod for kids growth

9.	Process of farmers participation and their reaction	Treatment process is used in farmer's house & Best reaction after normal cost of treatment.

Thematic area: Nutritional management

Problem definition:. Poor growth performance of kids due to malnutrition

Technology assessed: Feed supplements i.e. Probiotic, Immunomodulator, Subabool pod along with mineral mixture for increase body wt. gain at growing age of goat kids.

Result table:

Technology option	No. of trials	Yield component pre & post treatment			Gross Cost of feed/medicine /labour (Rs.)	Gross return (Rs @180 /goat))	Net return (Rs.)	B C ratio
		Pre treatment	Post treatment	Increased body wt %				
		Avg. body Wt. (kg)	Avg. body Wt. (kg)					
I.). Common Feeding. (Farmer's practice)	5	5.04	6.3	1.26	100	126.8	26.8	1.2
II. TO I+ Subabool pod(50gm/daily /kid)	5	5.00	6.292	1.30	175	234	59	2.0
III. TO I + Probiotic(20gm daily/kid)	5	6.72	8.22	1.49	220	268.2	48.2	1.21
IV. TO I + Immunomodulator(3.75mg/kg of body wt for kid .)	5	5.30	6.66	1.50	210	270	60	1.28

Results: TO $_{II}$, On the basis of BC ratio (2.0) best results was found after open Grazing along with feeding of Subabool pod seed powder & leaves for increased body wt. gain at growing age of kids.

OFT: Multidisciplinary

1.	Title of On farm Trial	Performance of Pashu Chocolate as feed on cattle
2.	Problem diagnose	Health and Reproductive Failure due to Nutritional problems of cattle.
3.	Details of technologies selected for assessment/refinement	For improve Fertility and milk production.
4.	Source of Technology	IVRI, Izatnagar, Bareilly.
5.	Production system and thematic area	Feeding & Diseases management
6.	Performance of the Technology with performance indicators	Conception rate, Milk production and Fat Percentage
7.	Final recommendation for micro level situation	Health and Reproductive Failure due to Nutritional problems of cattle.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Treatment process is used in farmer's house & Best reaction afternormal cost of treatment.

Table: No. of replication: 5

Technology option	Yield component after treatment					Gross Cost of feed/medicine /labour (Rs.)	Gross return (Rs @30/lit /cow))	Net return (Rs.)	B C ratio
	Pre treatment		Post treatment		No. of Conceived cattle				
	Milk (Lit)	Fat(%)	Avg Milk (Lit)	Fat(%)					
TO1. Wheat straw (5kg)+Maize(0.5-1kg)+ Mustard Cake0.5Kg) + seasonal fodder grasses (Oat /Berseem/ Sudan / others)+Paddy straw (6kg) + Salt (Yes/No). (**Farmers Practice)**	7.00	3.5	7.78	3.6	+2 (40 %)	45000	106200	61200	2.36

TO2.Wheat straw (5.4kg)+Maize(1.6kg)+ Mustard Cake (0.84 kg) +Gram Chuni (1.66kg)+Oat/Berseem fodder (3.3kg) flowering stage + Salt & Mineral mixture 1% of the concentration (orally) Pashu chocolate made by use of macine brought from IVRI, Bareilly	10.11	3.6	11.56	4.48	+4 (80%)	54138	176040	121902	3.2
TO3. Wheat straw (5.4kg)+Maize(1.6kg)+ Mustard Cake (0.84 kg) +Gram Chuni (1.66kg)+Oat/Berseem fodder (3.3kg) flowering stage + Salt & Mineral mixture 1% of the concentration (orally) Pashu chocolate made by use of macine Fabricated by KVK, Jehanabad	10	3.44							Continue

Results: Continue

Agril. Engg.

OFT1.

1.	**Title of On farm Trial**	**Assessment of Cut Back ratio in Wheat Irrigation**
2.	Problem diagnosed	Loss of water due to ponding in wheat irrigation
3.	Details of technologies selected for assessment/refinement(Mention either **Assessed** or Refined)	TO 1: Irrigation at more than 100 % Cut Back (Farmers Practice) TO 2: Irrigation at 85 % cut Back TO 3: Irrigation at 90 % cut Back
4.	Source of Technology	DRPCAU, Pusa
5.	Production system and thematic area	Rice-Wheat Thematic Area- Water conservation.
6.	Performance of the Technology with performance indicators	No. of irrigation, water saving, yield, B:C ratio
7.	Final recommendation for micro level situation	TO3 (Irrigation at 90 % cut back) saved Rs. 1426 as irrigation cost, 481.6 cubic meter/ha of irrigation water with B:C ratio of 2.09
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Active Participation by farmers

Thematic area: Water conservation

Problem definition: Water ponding in wheat irrigation results in loss of extra irrigation water which can be saved by applying cut off ratio in wheat irrigation.

Technology assessed: TO 1: Irrigation at more than 100 % Cut Back (Farmers Practice)
TO 2: Irrigation at 85 % cut Back
TO 3: Irrigation at 90 % cut Back

Table:

Technology option	Performance Parameters			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	No. of Irrigation	water applied (cubic meter/ha	Water saving (cubic meter/ha)					
TO 1: Irrigation at more than 100 % cut back (Farmers Practice)	3	2100	-	34.8	32600	59160	26560	1.81
TO 2: Irrigation at 85 % cut back	3	1536	564(26.85 %)	34.0	31000	57800	26800	1.86
TO 3: Irrigation at 90 % cut back	3	1630	470.0(22.3 %)	36.2	31200	61540	30340	1.97

Results: Results: Result revealed that TO 3 (Irrigation at 90 % cut back) has been the best technological options with a saving of, 470.0 cubic meter/ha of irrigation water with B:C ratio of 1.97 as compared to 1.81 in farmers practice

OFT2.

1.	**Title of On farm Trial**	Effect of line planting of lentil in different bed conditions
2.	Problem diagnosed	High cost of sowing, seed rate, weed condition and lower yield of lentil in broadcasting method
3.	Details of technologies selected for assessment/refinement(Mention either **Assessed** or Refined)	TO 1: Broadcasting of seed in stale bed condition (Farmers Practice) TO 2: Line sowing in stale bed condition TO 3: Line planting in zero tillage condition
4.	Source of Technology	CIAE, Bhopal
5.	Production system and thematic area	Rice-pulses , Thematic Area- Improved farm implement
6.	Performance of the Technology with performance indicators	Cost of sowing/planting, seed rate, weed condition, yield, Net return, B: C ratio
7.	Final recommendation for micro level situation	TO3 (Line planting in zero tillage condition) saved Rs. 1850 as planting cost, with B:C ratio of
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Active Participation by farmers

Thematic area: Improved farm implement

Problem definition: Broadcasting method of lentil cultivation requires high seed rate and results lower yield which can be improved by planting lentil in lines.

Technology assessed: TO 1: Broadcasting of seed in stale bed condition (Farmers Practice)
TO 2: Line sowing in stale bed condition
TO 3: Line planting in zero tillage condition

Technology option	Performance Parameters		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
	Cost of sowing/planting per ha	Weed weight (gm/sq. m)					
TO 1: Broadcasting of seed in stale bed condition (Farmers Practice) (Farmers Practice)	4500	80	15.6	27800	66300	38500	2.38
TO 2: Line sowing in stale bed condition	5250	40	16.4	28550	69700	41150	2.44
TO 3: Line planting in zero tillage condition	2650	40	17.6	25950	74800	48850	2.88

Result: On the basis of results, TO 3 (Line planting in zero tillage condition) is best among all technological options , it saved Rs. 1850/ ha as cost of sowing/planting with B:C ratio of 2.88 as compared to 2.38 of Farmer's Practice

OFT-1.Home Science

1.	Title of On farm Trial	Value addition in Minor Millet (Ragi) through nutrition intervention for children.
2.	Problem diagnosed	Poor health status of children
3.	Details of technologies selected for assessment/refinement	TO 1: Only milk (Without any supplementary additive) TO 2: 100 % Malted Ragi flour TO 3: Wheat- Ragi mix malt (1:1)
4.	Source of Technology	RAU, Pusa
5.	Production system and thematic area	Rice- wheat Nutrition security

6.	Performance of the Technology with performance indicators	Body weight, height, arm circumference
7.	Final recommendation for micro level situation	Bring her from next page
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Active participation of mothers

Table: Replication: No. of replication: 30 (10 children of 1 year +/- 2 months in each group)

Technology option	Body weight (kg)		Increase in wt.	Height (Ft.)		Increase in height	Arm circumference (cm)		Increase in arm circumference
	Pre	Post		Pre	Post		Pre	Post	
TO 1: Only milk (Without any supplementary additive)	6.5	7.6	1.1	2.0	2.3	0.3	8.5	9.7	1.2
TO 2: 100 % Malted Ragi flour	5.9	8.5	2.6	1.9	2.8	0.9	9.0	13.0	4.0
TO 3: Wheat- Ragi mix malt (1:1)	6.0	7.5	1.5	1.8	2.3	0.5	9.8	11.7	1.9

Results:
Use of malted ragi flour (TO2) for overall growth of the child has been observed most beneficial in terms of increase in body wt., height & arm circumference followed by use of wheat- ragi mix (TO3) and TO1 respectively

OFT-2.Home Science

1.	Title of On farm Trial	Assessment of suitable bhindi picking method for drudgery reduction
2.	Problem diagnosed	Drudgery in bhindi picking
3.	Details of technologies selected for assessment/refinement	TO 1: Hand Picking (Farmer practice) TO 2: Picking by Bhindiplucker (Ring cutter) TO 3: Picking with hand gloves TO4: Picking with hand gloves & Ring cutter
4.	Source of Technology	CIWA, Bhuveneshwar
5.	Production system and thematic area	Rice-Wheat and Drudgery reduction
6.	Performance of the Technology with performance indicators	Time /kg, drugery reduction
7.	Final recommendation for micro level situation	Picking with hand gloves & Ring cutter
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farm women expressed positive opinion towards this technology and found it suitable for reducing drudgery in bhindi picking

Table: Replication: 10

Technology option	Quantity picked (Kg/ hr.)	Drudgery reduction
TO 1: Hand Picking (Farmer practice)	4.2	Hand injury & skin itching
TO 2: Picking by Bhindiplucker (Ring cutter)	6	Skin itching
TO 3: Picking with hand gloves	8.5	No itching & no hand injury
TO4: Picking with hand gloves & Ring cutter	10	No itching & no hand injury

Result:

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	
1.	Jai	Fodder Management	Variety Kent	1.5	2.0	2	46	48	
2.	Berseem	Green Fodder Production	Variety Wardan	1.5	2.0	2	41	43	
3.	Poultry chicks	Poultry management	Poultry breed Jharsim	-	-	11	21	32	
4.	Paddy	Stress tolerant variety	Stress tolerant variety of paddy VAR. Sahbhagi	10	10	2	23	25	
5	Paddy (R. Sweta)	Improved implement	Paddy sowing DSR machine	4	4.7	2	10	12	
6	Turmeric	Spices & condiments	Improved variety Rajendra sonia	0.3	0.3	1	32	33	
7	Wheat	Late sown wheat	Late sown wheat var. HI-1563	5.0	5.0	05	26	31	
8	Wheat	RCT Implement	Wheat sowing by ZT, wheat var. HI-1563	5.0	5.0	2	12	14	
9	Veg. pea	Vegetable Production	Improved Variety Azad P-3	1.0	1.0	0	8	8	
10	Kitchen garden (Spinach)	Micro sprinkler	Use of mini sprinkler in kitchen gardens for leafy vegetable	0.3	0.3	2	10	12	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
1.	Rabi	Irrigated	Clay loam				Paddy	22 Nov.	14 Mar.	0	0
2.	Rabi	Irrigated	Clay loam				Paddy	25 Nov.	02 Mar.		
3.	Rabi	-	-				-				
4.	Kharif	Rainfed	Clay loam	181	27.7	173	Fallow	20 June	25 Oct		
5	Kharif	Irrigated	Clay loam	168	28	201	Wheat	20 June	10 Nov		
6	Summer	Irrigated	Clay loam	343	31	205	Wheat	20 May	25 Dec		
7	Rabi	Irrigated	Clay loam	164	21.3	201	Paddy	20 Dec	23 April		
8	Rabi	Irrigated	Clay loam	236	26.8	171	Paddy	20 Dec	14 April		
9	Rabi	Irrigated	Clay loam	195	26	156	Paddy	15 Oct	12 Jan		
10	Rabi	Irrigated	Clay loam				Fallow	20 Nov.	22 Dec.		

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy	Stress tolerant variety of paddy	Sahbhagi	25	10	40.24	37.0	06.75	-	-	30200	62372	32172	1:2.06	28500	50055	21555	1:1.76
Wheat	Late sown wheat	HI-1563	31	05	33	29.5	11.86	-	-	32000	56100	24100	1:1.75	29400	50150	20750	1:1.70
Turmeric	Spices & condiments	Rajendra Soniya	33	0.3	245	188	30.31	-	-	124000	380800	256800	1:3.07	98500	291400	192900	1:2.95
Veg. pea		Azad P-3	24	1.0	110.56	91.30	17.38	-	-	40,000	221120	181120	5.53	38,000	134950	98950	3.60
		Total															

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		change in major parameter (lit)	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration (lit)	Check (lit)		Demons Ration(qtl/ha)	Check(qtl/a)	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	Fodder management	Jai	48	48	11.20	9.62	1.58	540	452	53900	84000	30100	1.5	**48500**	72150	23650	1.4
		Berseem	43	43	10.80	9.2	1.6	580	460	53900	81000	27100	1.5	**48500**	69000	20500	1.4
Poultry	Poultry management	Jharsim chicks, Poultry farming for dual purpose (meat & Egg production)	32	32	Contiue 900g-1g at 3st months of age	Continue--											
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

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

Fisheries

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

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

Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									
DSR	Paddy (R. Sweta)	Direct sowing of paddy seed	12	4.7	41.0	40.10	2.5	32				9400			
ZT	Wheat (HI 1563)	Wheat sowing by Zero tillage technology	14	5.0	37.2	34.1	9.1	4				3050			
Sprinkler	Kitchen garden(Spinach)	Irrigation using sprinkler set	12	0.3	121.0	108.5	11.5	-				2400			

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

Demonstration details on crop hybrids

Crop	Name of the	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter	Economics (Rs./ha)

	Hybrid									
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										

Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Jai Variety Kent	Easily digestible and more no. of cuttings
2.	Berseem Variety Wardan	Easily digestible and more no. of cuttings
3.	Poultry chicks Jharsim	Diesease resistant in Jehanabad district
4.	Paddy (Sahbhgi)	Farmers are now nearby to grow Sahbhgi in upland raifed area
5	Paddy (R. Sweta)	Direct sowing of medium duration paddy with DSR machuine enabled farmers sowing in time as well as saving of labour cost
6	Turmeric (R. Sonia)	Farmers were given very less quantity of turmeric seed material. They got good yield and also interested in engaging more area under turmeric. For this they have reserved the produce as seeding material
7	Wheat (HI-1563)	Farmers got good yield under late harvesting situation of due to late harvested of rabi paddy
8	Wheat	Farmers found that there is advancement in sowing time of wheat by ZT
9	Veg. pea	High Yield, More swweetness and High market price in comparision to local one
10	Kitchen garden (Spinach)	Saving of water and increase in yield

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	31.03.2018	2	32	
2.	Farmers Training	13.11.2017, 07.12.2017	3	53	
3.	Media coverage	2017-18	4	Mass	
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2017 and Rabi 2017-18:

Mustard

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.	Mustard	Rajendra Rai Pichheti	11.5	1330	1375	2000	Rajendra Sufalam+Sulphur+Thiomethoxam	50	20	17	8.5	14			

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	Rajendra Sufalam +Sulphur +Thiomethoxam	17000	40250 @Rs.3500/qt)	23250	2.36	17400	49000 (@Rs3500/qt)	31600	2.82

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/house hold)
1	Mustard Rajendra Sufalam+ Sulphur+Thiomethoxam	28000	2695	3500	5	Not decided	To meet family needs	12

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any

1	Rajendra Sufalam+ Sulphur+Thiometho xam	(Rice-Mustar d) Yes	Liked by farmers as I has good yield potential in late Decembe r sown condition .	Affordabl e	Lack of irrigatio n facility and seed sowing machine s.	Yes	Micro-irrigation facility needed.

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance Yield (Demo) q/ha	Performance of Technology vis-a vis Local Check	Farmers Feedback
Mustard (Seed+PSB+Sulphur+ Thiomethoxam)	14	11.5	Farmers have come with more area under oilseed & pulses then cereals/ wheat

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	02.02.2018, Pitambarpur, Modanganj	25
2	Field day/Field visit	03.02.2018, Usari, Kako	22
3	Field day/Field visit	06.03.2018, Rampur Charui, Modanganj	13

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

H. Farmers' training photographs

I. Quality ActionPhotographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	108000		
	ii) TA/DA/POL etc. for monitoring	12000		
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	120000		

K. List of Farmer under FLD (Crop wise)
Crop

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
										Seed + Sulphur+	Rajendra Sufalam	2kg seed/acre	15	7.8	14	11.5	21.73

										Thiomethoxam							

Pulses crop

B. 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.	Lentil	Local var.	12.0	1030	1035	2000	HUL57+ Rhizobium PG 186 + Rhizobium Prakash + Rhizobium	50	20	18.0	9.2	13.6			
2.	Chickpea	Local var.	13.5	1135	1217	2000		50	20	19.6	10.5	15.05			
3.	Fieldpea	Local var.	14.0	1100	1200	2500		25	10	21.4	10.0	15.7			

J. 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.	Lentil HUL57+ Rhizobium	16500	48000	31500	2.90	18300	54400 (@Rs 4000/qt.)	36100	2.97
2.	Chickpea PG 186 + Rhizobiu	18700	54000	35300	2.88	22300	60200 (@ 4000	37900	2.70

3.	m Fieldpea Prakash+ Rhizobium	17100	49000	31900	2.86	19500	Rs./qt) 54250(@ Rs.3500 /qt)	54950	2.81

K. 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/house hold)
1.	Lentil HUL57+Rhizobium	27200	800	40	40	Not decided	To meet family needs	13
2.	Chickpea PG 186 + Rhizobium	30100	1000	40	80	Not decided	To meet family needs	13
3.	Fieldpea Prakash+ Rhizobium	15700	990	35	80	Not decided	To meet family needs	13

L. Pulses farmers's perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any

1. 2 3	Lentil HUL57+Rhizobium Chickpea PG 186 +Rhizobium Fieldpea Prakash + Rhizobium	(Rice-lentil) Yes (Rice-Chickpea) Yes (Rice-fieldpea) Yes	Liked by farmers Liked by farmers Liked by farmers	Affordable Affordable Affordable	Lack of micro-irrigation facility and seed sowing machines.	Yes	Good varieties may be introduced and micro irrigation facility needed.

M. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Lentil (Seed + Rhizobium)	13.6	12	Farmers have come with more area under oilseed & pulses then cereals/ wheat
Chickpea	15.05	13.5	
Fieldpea	15.7	14	

N. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day/Field visit	02.02.2018, Pitambarpur, Modanganj	25
2	Field day/Field visit	03.02.2018, Usari, Kako	22
3	Field day/Field visit	06.03.2018, Rampur Charui, Modanganj	13

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

P. Farmers' training photographs

Q. Quality ActionPhotographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil	i) Critical input	135000	65008	69992
	ii) TA/DA/POL etc. for monitoring	15000	12000	3000
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	150000	77008	72992

Crop (provide crop wise information)	Items	Budget Received (Rs.) 150000	Budget Utilization (Rs.)	Balance (Rs.)
Chickpea	i) Critical input	135000	135000	NIL

	ii) TA/DA/POL etc. for monitoring	15000	12916	2084
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	150000	147916	2084

Crop (provide crop wise information)	Items	Budget Received (Rs.) 150000.00	Budget Utilization (Rs.)	Balance (Rs.)
Fieldpea	i) Critical input	67500	50508	16992
	ii) TA/DA/POL etc. for monitoring	7500	7000	500
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	75000	57508	17492

L. List of Farmer under FLD (Crop wise)

Crop Lentil

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
										Seed+ Rhizobium	HUL 57	16 Kg /acre	18.0	9.2	13.6	12.0	13.33

a) Crop (Chickpea)

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
										Seed+Rhizobium	PG 186	32 Kg/acre	19.6	10.5	15.05	13.5	14.81

Crop (Fieldpea)

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
											HUDP-15	32Kg/acre	21.4	10.0	15.7	14	12.17

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	8	225	13	238	28	19	47	0	0	0	253	32	285
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Package and practices	1	27	1	28	6	1	7	0	0	0	33	2	35
Integrated Nutrient management	2	39	6	45	2	1	3	0	0	0	41	7	48
Pesticide & Fertilizer applicator													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental													

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
plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	2	31	18	49	8	10	18	0	0	0	39	28	67
Poultry Management	2	24	25	49	2	32	34	0	0	0	26	57	83
Piggery Management													
Rabbit Management													
Goat management	1	6	0	6	2	9	11	0	0	0	8	9	17
Disease Management													
Feed management	1	48	0	48	0	0	0	0	0	0	48	0	48
Production of quality animal products													
Others, if any Nutritional Management													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													

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
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1	2	21	23	1	32	33	0	0	0	3	53	56
Storage loss minimization techniques													
Enterprise development													
Value addition	2	39	0	39	18	0	18	0	0	0	57	0	57
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Post Harvest technology	2	25	0	25	11	0	11	0	0	0	36	0	36
Others, Mushroom production	2	40	3	43	12	4	16	0	0	0	52	7	59
Crop production	1	20	0	20	15	0	15	0	0	0	35	0	35
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	202	51	253	281	140	421	0	0	0	483	191	674
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	2	30	8	38	9	3	12	0	0	0	39	11	50
Small scale processing and value addition													
Post Harvest Technology													
Resource conservation techniques	2	89	9	98	18	20	38	0	0	0	107	29	136
Use of improved farm implements	1	13	0	13	2	0	2	0	0	0	15	0	15
Others, Water Conservation	5	156	28	184	31	27	58	0	0	0	187	55	242
VII. Plant Protection													
Integrated Pest Management	16	257	31	288	44	54	98	0	0	0	303	87	390
Integrated Disease Management	4	67	0	67	12	0	12	0	0	0	79	3	82
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													

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
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	57	1340	214	1554	502	352	854	0	0	0	1844	571	2415

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	26	12	38	15	7	22	0	0	0	41	19	60
Bee-keeping	2	26	0	26	8	0	8	0	0	0	34	0	34
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													

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
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	3	53	0	53	9	0	9	0	0	0	62	0	62
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	3	58	0	58	8	8	16	0	0	0	66	8	74
Sheep and goat rearing	1	14	7	21	4	7	11	0	0	0	18	14	32
Quail farming													
Piggery	1	0	0	0	8	19	27	0	0	0	0	27	27
Rabbit farming													
Poultry production	1	12	14	26	2	0	2	0	0	0	14	14	28
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	1	5	22	27	5	5	10	0	0	0	10	27	37
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Women & child care	1	6	21	27	0	23	23	0	0	0	6	44	50
Income generation	3	34	8	42	8	12	20	0	0	0	42	20	62
IPM	4	25	1	26	3	1	4	0	0	0	28	2	30
Pesticides & fertilizer applicator	1	26	1	27	2	1	3	0	0	0	28	2	30
TOTAL	23	285	86	371	72	83	155	0	0	0	349	177	526

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	42	4	46	6	2	8	0	0	0	48	6	54
Value addition	1	42	4	46	6	2	8	0	0	0	48	6	54
Integrated Pest Management	1	42	4	46	6	2	8	0	0	0	48	6	54
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	8	2	10	1	4	5	0	0	0	9	6	15
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Micro irrigation	1	42	4	46	6	2	8	0	0	0	48	6	54
Disease management	1	42	4	46	6	2	8	0	0	0	48	6	54
TOTAL	6	218	22	240	31	14	45	0	0	0	249	36	285

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	5	160	6	166	28	8	36	0	0	0	188	14	202
Weed Management													
Resource Conservation Technologies	2	22	3	25	5	13	18	0	0	0	27	16	43
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production	1	15	1	16	2	0	2	0	0	0	17	1	18
Nursery management	3	117	0	117	21	0	21	0	0	0	138	0	138
Integrated Crop Management													
Fodder production	1	12	0	12	1	0	1	0	0	0	13	0	13
Production of organic inputs	2	69	0	69	14	0	14	0	0	0	83	0	83
Others, Integrated nutrient management	2	84	2	86	25	0	25	0	0	0	109	2	111

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
Integrtaed weed management	2	95	4	99	19	0	19	0	0	0	114	4	118
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													

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	1	18	0	18	4	0	4	0	0	0	22	0	22
Others, if any													
IV. Livestock Production and Management													
Dairy Management	8	685	56	741	79	16	95	0	0	0	764	72	836
Poultry Management	2	7	10	17	19	20	39	0	0	0	26	30	56
Piggery Management	1	15	0	15	5	0	5	0	0	0	20	0	20
Rabbit Management													
Disease Management	8	159	19	178	30	17	47	0	0	0	188	37	225
Feed management	6	452	32	484	90	64	154	0	0	0	542	96	638
Production of quality animal products													
Others, if FIsh management	2	31	3	34	2	0	2	0	0	0	33	3	36
Nutritional management													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	9	11	20	2	7	9	0	0	0	11	18	29
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1	295	25	320	29	3	32	0	0	0	324	28	352
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	9	9	0	7	7	0	0	0	0	16	16
Enterprise development													
Value addition	6	50	23	73	20	44	64	0	0	0	70	67	137
Income generation activities for empowerment of rural Women	2	54	28	82	39	25	64	0	0	0	93	53	146
Location specific drudgery reduction technologies													
Rural Crafts	1	0	25	25	0	35	35	0	0	0	0	60	60
Capacity building													
Women and child care													
Others, Post harvest technology	1	33	2	35	9	1	10	0	0	0	42	3	45

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
Product development	1	25	0	25	12	0	12	0	0	0	37	0	37
Scientific grain storage	1	10	2	12	1	2	3	0	0	0	11	4	15
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices	1	14	0	14	3	1	4	0	0	0	17	1	18
Production of small tools and implements	1	9	1	10	3	2	5	0	0	0	12	3	15
Repair and maintenance of farm machinery and implements	7	235	5	240	80	17	97	0	0	0	315	22	337
Small scale processing and value addition													
Post Harvest Technology													
Others, Water Conservation	7	149	21	170	42	24	66	0	0	0	191	45	236
Farm mechanization	1	15	0	15	5	0	5	0	0	0	20	0	20
Improved Implements													
VII. Plant Protection													
Integrated Pest Management	17	714	9	723	226	22	248	0	0	0	940	31	971
Integrated Disease Management	2	106	0	106	17	1	18	0	0	0	123	1	124
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													

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
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	98	3659	297	3956	832	329	1161	0	0	0	4490	627	5117

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	7	2	9	2	5	7	0	0	0	9	7	16
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													

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
Poultry production	1	12	3	15	0	2	2	0	0	0	12	5	17
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, Income Generation													
Feeding management	3	47	2	49	5	0	5	0	0	0	54	0	54
Disease managemnet													
Micro Irrigation													
Bio-Control													
IPM													
Weed management													
TOTAL	5	66	7	73	7	7	14	0	0	0	75	12	87

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2	152	10	162	16	2	21	0	0	0	171	9	180
Integrated Nutrient management	1	12	0	12	1	1	2	0	0	0	13	1	14
Crop production	1	91	7	98	4	0	7	0	0	0	98	4	102
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													
Improved implements	1	61	3	64	12	2	14	0	0	0	73	5	78

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
Farm mechanization	1	91	7	98	4	0	7	0	0	0	98	4	102
Micro irrigation	1	82	5	87	4	1	5	0	0	0	86	6	92
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production	1	7	4	11	2	2	4	0	0	0	9	6	15
A.I. management	1	15	0	15	3	0	3	0	0	0	18	0	18
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Loss Minimization Technique													
AI Techniques													
Resource Conservation Techniques													
Package & Practices													
PHT	1	91	7	98	4	0	7	0	0	0	98	4	102
TOTAL	10	602	43	645	50	8	70	0	0	0	664	39	703

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	13	385	19	404	56	27	83	0	0	0	441	46	487
Weed Management	2	95	4	99	19	0	19	0	0	0	114	4	118
Resource Conservation Technologies	2	22	3	25	5	13	18	0	0	0	27	16	43
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production	1	15	1	16	2	0	2	0	0	0	17	1	18
Nursery management	3	50	1	51	21	14	35	0	0	0	71	15	86
Integrated Crop Management													
Fodder production	1	12	0	12	1	0	1	0	0	0	13	0	13
Production of organic inputs	2	69	0	69	14	0	14	0	0	0	83	0	83
Others, (Soil Test)	1	18	0	18	4	0	4	0	0	0	22	0	22
Package & practices	1	27	1	28	6	1	7	0	0	0	33	2	35
Integrated nutrient management	4	123	8	131	27	1	28	0	0	0	150	9	159
Pesticide & fertilizer	1	26	1	27	2	1	3	0	0	0	28	2	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
applicator													
TOTAL	**31**	**842**	**38**	**880**	**157**	**57**	**214**	**0**	**0**	**0**	**999**	**95**	**1094**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	10	716	74	790	87	26	113	0	0	0	803	100	903
Poultry Management	4	31	35	66	21	52	73	0	0	0	52	87	139
Piggery Management	1	15	0	15	5	0	5	0	0	0	20	0	20
Rabbit Management													
Disease Management	8	159	19	178	30	17	47	0	0	0	188	37	225
Feed management	7	500	32	532	90	64	154	0	0	0	590	96	686
Production of quality animal products													
Goat farming	1	6	0	6	2	9	11	0	0	0	8	9	17
Others, if any (Nutritional Management)													
Layer Management													
Fish management	2	31	3	34	2	0	2	0	0	0	33	3	36
TOTAL	**33**	**1458**	**163**	**162**	**237**	**168**	**405**	**0**	**0**	**0**	**1694**	**332**	**2026**

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
				1									
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	9	11	20	2	7	9	0	0	0	11	18	29
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1	2	21	23	1	32	33	0	0	0	3	53	56
Storage loss minimization techniques	1	0	9	9	0	7	7	0	0	0	0	16	16
Enterprise development													
Value addition	8	89	23	112	38	44	82	0	0	0	127	67	194
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts	1	0	25	25	0	35	35	0	0	0	0	60	60
Capacity building													
Women and child care													
Mushroom production	4	94	31	125	51	29	80	0	0	0	145	60	205
Others, Post Harvest Technology	3	58	2	60	20	1	21	0	0	0	78	3	81
Crop production	1	20	0	20	15	0	15	0	0	0	35	0	35
Product development	1	25	0	25	12	0	12	0	0	0	37	0	37
Milk production	1	295	25	320	29	3	32	0	0	0	324	28	352
Scientific grain storage	1	10	2	12	1	2	3	0	0	0	11	4	15
TOTAL	**24**	**602**	**149**	**751**	**169**	**160**	**329**	**0**	**0**	**0**	**771**	**309**	**1080**
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	202	51	253	281	140	421	0	0	0	483	191	674
Use of Plastics in farming practices	1	14	0	14	3	1	4	0	0	0	17	1	18
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	9	265	13	278	89	20	109	0	0	0	354	33	387
Small scale processing and value addition													
Post Harvest Technology													
Others, Water management/ Conservation	12	305	49	354	73	51	124	0	0	0	378	100	478
Small tools & imlements	1	9	1	10	3	2	5	0	0	0	12	3	15
Farm implements	1	15	0	15	5	0	5	0	0	0	20	0	20
Improved Implements	1	13	0	13	2	0	2	0	0	0	15	0	15

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
Resource conservation techniques	2	89	9	98	18	20	38	0	0	0	107	29	136
TOTAL	**29**	**912**	**123**	**1035**	**474**	**234**	**708**	**0**	**0**	**0**	**1386**	**357**	**1743**
VII. Plant Protection													
Integrated Pest Management	33	971	40	1011	270	76	346	0	0	0	1243	118	1361
Integrated Disease Management	6	173	0	173	29	1	30	0	0	0	202	4	206
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	**39**	**1144**	**40**	**1184**	**299**	**77**	**376**	**0**	**0**	**0**	**1445**	**122**	**1567**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													

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 livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	156	4958	513	5471	1336	696	2032	0	0	0	6295	1215	7510

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	26	12	38	15	7	22	0	0	0	41	19	60
Bee-keeping	2	26	0	26	8	0	8	0	0	0	34	0	34
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	3	53	0	53	9	0	9	0	0	0	62	0	62
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	7	2	9	2	5	7	0	0	0	9	7	16
Production of quality													

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
animal products													
Dairying	3	58	0	58	8	8	16	0	0	0	66	8	74
Sheep and goat rearing	1	14	7	21	4	7	11	0	0	0	18	14	32
Quail farming													
Piggery	1	0	0	0	8	19	27	0	0	0	0	27	27
Rabbit farming													
Poultry production	2	24	17	41	2	2	4	0	0	0	26	19	45
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	1	5	22	27	5	5	10	0	0	0	10	27	37
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any Income generation	3	34	8	42	8	12	20	0	0	0	42	20	62
Feeding Management	3	47	2	49	5	0	5	0	0	0	54	0	54
Disease Management													
Micro Irrigation													
Bio control													
IPM													
Weed management													
Women & child care	1	6	21	27	0	23	23	0	0	0	6	44	50
Pesticide & fertilizer applicator	4	25	1	26	3	1	4	0	0	0	28	2	30
TOTAL	27	325	92	417	77	89	166	0	0	0	396	187	583

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	42	4	46	6	2	8	0	0	0	48	6	54
Integrated Pest Management	3	194	14	208	22	4	29	0	0	0	219	15	234

Integrated Nutrient management	1	12	0	12	1	1	2	0	0	0	13	1	14
Crop production	1	91	7	98	4	0	7	0	0	0	98	4	102
Rejuvenation of old orchards													
Value addition	1	42	4	46	6	2	8	0	0	0	48	6	54
Post harvest techniques	1	91	7	98	4	0	7	0	0	0	98	4	102
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	8	2	10	1	4	5	0	0	0	9	6	15
Farm mechanization	1	91	7	98	4	0	7	0	0	0	98	4	102
WTO and IPR issues													
Management in farm animals	1	7	4	11	2	2	4	0	0	0	9	6	15
Disease management	1	42	4	46	6	2	8	0	0	0	48	6	54
A.I. Techniques	1	15	0	15	3	0	3	0	0	0	18	0	18
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
Improved Implement	1	61	3	64	12	2	14	0	0	0	73	5	78
Loss and minimization technique													
Micro irrigation	2	124	9	133	10	3	13	0	0	0	134	12	146
RCT													
Package & practices													
TOTAL	**16**	**820**	**65**	**885**	**81**	**22**	**115**	**0**	**0**	**0**	**913**	**75**	**988**

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
03.04.2017	PF	Scientific cultivation of sesamum	1	On	19	1	20	0	0	0
8.05.2017	PF	Methods of soil sampling	1	Off	22	0	22	4	0	4
23.05.2017	PF	Raising of paddy nursery (karif Mahotsava)	1	Off	38	0	38	5	0	5
25.05.2017	PF	Green manuring (Kharif mahotsava)	1	Off	62	0	62	11	0	11
27.05.2017	PF	Integrated nutrient management in paddy	1	Off	60	0	60	19	0	19
08.06.2017	PF	Different metod of nursery raising of paddy	1	Off	14	7	21	9	6	15
14.06.2017	PF	DSR	1	Off	22	1	23	5	1	6
30.06.2017	PF	Package & practices of green gram	1	On	33	2	35	6	1	7
07.07.2017	PF	Different metod of nursery raising of paddy	1	Off	19	8	27	7	8	15
17.07.2017	PF	DSR	1	Off	5	15	20	0	12	12
19.07.2017	PF	Production technique of red gram	1	Off	42	3	45	9	1	10
23.08.2017	PF	Production technique of kharif maize	1	Off	73	3	76	12	0	12
25.08.2017	PF	INM in paddy	1	Off	71	0	71	11	0	11
11.09.2017	PF	Package & practices of Paddy	1	On	31	0	31	2	0	2
20.09.2017	PF	Seed production techniques of paddy	1	Off	17	1	18	2	0	2
12.09.2017	PF	Production techniques of vermicompost	1	Off	21	0	21	3	0	3
10.10.2017	PF	Package of practice of lentil	1	ON	30	0	30	2	0	2
14.10.2017	PF	INM in rabi crops	1	Off	49	2	51	6	0	6
17.10.2017	PF	IWM in rabi crops	1	Off	43	4	47	8	0	8
06.10.2017	PF	Production techniquesof potato	1	Off	20	7	27	4	7	11
18.10.2017	PF	Cultivation techniques of rabi oilseeds	1	Off	40	0	40	3	0	3
03.11.2017	PF	Scientific cultivation of lentil	1	ON	11	3	14	0	0	0
08.11.2017	PF	Scientific cultivation	1	Off	13	1	14	0	0	0

		of Rapeseed								
13.11.2017	PF	Scientific cultivation of wheat	1	ON	18	0	18	4	0	4
12.12.2017	PF	Production techniques of rabi pulses	1	ON	24	2	26	2	1	3
13.12.2017	PF	INM in rabi crops	1	ON	23	2	25	2	1	3
15 Dec 17 to 17 Jan 18	PF	Pesticide & Fertilizer applicator	4	ON	28	2	30	2	1	3
08.02.2018	PF	INM in rabi crops	1	ON	18	5	23	0	0	0
09.03.2018	PF	Cultivation techniques of summer til	1	ON	90	26	116	16	18	34
28.03.2018	PF	Cltivation techniques of fodder crops	1	Off	13	0	13	1	0	1
11.10.2017	RY	Cultivation technique of rabi pulses	1	ON	25	0	25	4	0	4
21-23 Nov. 17	RY	Production techniques of vermicompost	3	Off	17	0	17	3	0	3
05.02.2018	RY	Scientific cultivation of onion & other	1	Off	7	6	13	0	0	0
06.02.2018	RY	Scientific cultivation of onion & other	1	Off	11	7	18	2	0	2
07.02.2018	RY	Summer vegetable	1	Off	7	6	13	1	2	3
15.02.2018	RY	Scientific cultivation of rabi pulses	1	Off	6	5	11	2	1	3
08.07.2017	EF	INM for sustainable crop production	1	Off	13	1	14	1	1	2
11.10.2017	EF	Package of practice of wheat & rabi pulses	1	Off	98	4	102	4	0	7
12.03.2018	EF	Advances in rabi crops	1	On	48	6	54	6	2	8
Home Science										
19.05.2017	PF	Value Addition	1	Off	0	20	20	0	12	12
25.05.2017	PF	Loss minimization	1	Off	0	16	16	0	7	7
26.05.2017	PF	Kitchen gardening	1	Off	0	15	15	0	7	7
21.06.2017	PF	Value Addition	1	Off	18	0	18	2	0	2
23.06.2017	PF	Mango preservation	1	Off	9	28	37	5	18	23
30.06.2017	PF	Mushroom Production	1	On	33	2	35	6	1	7
07.07.2017	PF	Preparation of mango squash	1	Off	19	8	27	7	8	15
19.07.2017	PF	Food processing	1	Off	42	3	45	9	1	10
25.07.2017	PF	Milky white mushroom production	1	Off	23	23	46	9	15	24
24.07.2017	PF	Preparation of milk products	1	Off	37	0	37	12	0	12
10.10.2017	PF	Vegetable & fruit preservation	1	Off	12	8	20	5	4	9
11.10.2017	PF	Pulse procuring	1	On	25	0	25	4	0	4
6-9 Nov. 17	PF	Mushroom Production	4	ON	19	5	24	6	3	9
07.11.2017	PF	Kitchen gardening	1	Off	11	3	14	2	0	2
08.11.2017	PF	Food processing	1	ON	14	0	14	6	0	6
13.11.2017	PF	Value addition	1	Off	12	3	15	1	2	3
14.11.2017	PF	Low cost recipe	1	Off	324	28	352	29	3	32
18.11.2017	PF	Grain storage	1	Off	11	4	15	1	2	3
28.12.2017	PF	Making wall hanging of paddy straw	1	Off	0	60	60	0	35	35
05.01.2018	PF	Crop Production	1	On	35	0	35	15	0	15

09.02.2018	PF	Value addition in wheat	1	On	32	0	32	14	0	14
16.02.2018	PF	PHT	1	On	22	0	22	5	0	5
16.02.2018	PF	Mushroom Production	1	Off	70	30	100	30	10	40
08.03.2018	PF	SHG formation & functioning	1	ON	3	53	56	1	32	33
10.08.2017	RY	Food processing	1	Off	9	7	16	2	5	7
2-3 Aug 2017	RY	Rakhi making	2	On	0	18	18	0	11	11
07.09.2017	RY	Health & Nutrition	1	On	6	44	50	0	23	23
05-08 Feb 18	RY	Mushroom Production	4	On	20	10	30	8	4	12
09-12 Feb 18	RY	Mushroom Production	4	On	21	9	30	7	3	10
11.10.2017	EF	Food processing	1	Off	98	4	102	4	0	7
12.03.2018	EF	Fruit & Vegetable preservation	1	ON	48	6	54	6	2	8
Agril. Engg.										
25.04.2017	PF	Implements for summer ploughing	1	Off	17	2	19	14	2	16
05.06.2017	PF	Soil & water conservation	1	On	3	23	26	1	8	9
14.06.2017	PF	In-situ moisture conservation	1	Off	22	1	23	5	1	6
08.06.2017	PF	Use of improved machine for direct sowing of rice (DSR)	1	On	15	0	15	2	0	2
30.06.2017	PF	Rain water conservation techniques	1	On	33	2	35	6	1	7
03.07.2017	PF	Working, care and repair of paddy transplanter	1	Off	15	0	15	3	0	3
07.07.2017	PF	Use and operation of direct paddy seeders	1	Off	19	8	27	7	8	15
24.07.2017	PF	Rain water conservation	1	Off	37	0	37	12	0	12
31.07.2017	PF	On farm water management in kharif crops	1	Off	34	16	50	7	8	15
01.08.2017	PF	Improved agricultural implements & machineries	1	Off	149	2	151	42	1	43
04.08.2017	PF	Improved weeding implements	1	Off	12	3	15	3	2	5
10.08.2017	PF	On farm water management in paddy	1	Off	9	7	16	2	5	7
11.09.2017	PF	Modern techniques of water management in paddy	1	ON	31	0	31	2	0	2
20.09.2017	PF	Wet dry method of water management in padddy	1	OFF	17	1	18	2	0	2
18.10.2017	PF	Improved machines for harvesting	1	Off	20	0	20	5	0	5

13.11.2017	PF	Operation, maintenance and caliberation of ZT machine	1	Off	12	3	15	1	2	3
18.11.2017	PF	Use and operation of seed cum ferti drill	1	Off	11	4	15	1	2	3
21.11.2017	PF	Irrigation scheduling in rabi crops	1	Off	15	4	19	2	1	3
05.12.2017	PF	Soil & water conservation technologies	1	ON	98	30	128	16	18	34
14.12.2017	PF	Irrigation scheduling in rabi crops for climate resilient	1	Off	57	16	73	12	9	21
19.12.2017	PF	Techniques of sowing pulses by ZT	1	ON	26	0	26	4	0	4
07.12.2017	PF	RCT for wheat cultivation	1	ON	17	3	20	2	2	4
01.02.2018	PF	Maintenance & repair of power tiller	1	ON	13	11	24	5	3	8
12.02.2018	PF	Irrigation water management in wheat	1	ON	22	0	22	6	0	6
16.02.2018	PF	Sprinkler irrigation in rabi crops	1	ON	15	0	15	3	0	3
24.02.2018	PF	Use and operation of suitable modern implements for sowing to harvesting	1	oFF	92	3	95	12	2	14
09.03.2018	PF	Use of climate resilient technologies	1	ON	90	26	116	16	18	34
17.03.2018	PF	Techniques of drip irrigation for judicious use of water	1	ON	468	191	659	278	140	418
23.03.2018	PF	Use of plastics mulch for moisture conservation	1	Off	17	1	18	3	1	4
8-9.05.2017	RY	Improved tillage and sowing implements	2	On	20	0	20	3	0	3
12-14 July 17	RY	mechanized paddy cultivation through paddy transplanter	3	On	22	0	22	4	0	4
22.11.2017	RY	Repair, maitenance and caliberation of ZT machine	1	ON	20	0	20	2	0	2
13.02.2018	RY	PHT equipments suitable for income generation	1	ON	24	2	26	5	1	6
12-14 Mar 18	RY	PHT equipments suitable for income generation	3	ON	18	0	18	3	0	3
16.05.2017	EF	Modern machineries and water management for paddy cultivation	1	Off	73	5	78	12	2	14
11.10.2017	EF	Cultivation of wheat	1	Off	98	4	102	4	0	7

		through zero tillage machine								
30.01.2018	EF	Use of Micro irrigation system	1	Off	86	6	92	4	1	5
20.02.2018	EF	Farm mechanization & importance of custom hiring		ON	9	6	15	1	4	5
12.03.2018	EF	Use of micro irrigation system	1	Off	48	6	54	6	2	8
Plant Protection										
08.05.2017	PF	Management of pest & disease management in summer vegetable	1	Off	17	0	17	4	0	4
22.05.2017	PF	Management of stored gra in pests	1	Off	42	4	46	14	2	16
24.05.2017	PF	Management of insect pests and mosaic virus in moong & okra	1	Off	34	3	37	9	2	11
26.05.2017	PF	IPM in paddy	1	Off	53	4	57	14	2	16
08.06.2017	PF	Disease & insect management in paddy	1	Off	14	7	21	9	6	15
14.06.2017	PF	Seed treatment in kharif crops	1	Off	22	1	23	5	1	6
30.06.2017	PF	IPM in kharif crops	1	On	33	2	35	6	1	7
07.07.2017	PF	Management of insect pest in kharif vegetable	1	Off	19	8	27	7	8	15
14.07.2017	PF	IPM in paddy	1	Off	16	2	18	4	1	5
19.07.2017	PF	IPM in kharif vegetables	1	Off	42	3	45	9	1	10
24.07.2017	PF	IPM & IDM in paddy	1	Off	37	0	37	12	0	12
21.08.2017	PF	IPM in paddy	1	Off	107	0	107	35	0	35
26.08.2017	PF	IPM in kharif vegetables	1	Off	102	0	102	31	0	31
28.08.2017	PF	IPM in paddy	1	Off	106	0	106	30	0	30
30.08.2017	PF	IPM in paddy	1	Off	112	0	112	14	0	14
11.09.2017	PF	Disease pest management in paddy	1	ON	31	0	31	2	0	2
12.09.2017	PF	Disease and pest management in kharif vegetable	1	OFF	21	0	21	3	0	3
11.10.2017	PF	Cultivation technique of lentil	1	ON	25	0	25	4	0	4
14.10.2017	PF	IPM in rabi crops	1	Off	86	0	86	17	0	17
15.10.2017	PF	IPM in rabi vegetables	1	Off	92	0	92	11	0	11
16.10.2017	PF	Wilt management in rabi Pulses (Lentil & Chickpea)	1	Off	101	0	101	12	0	12
18.10.2017	PF	Seed treatment in Rabi crops	1	Off	40	0	40	3	0	3
08.11.2017	PF	Seed treatment in rabi crops	1	ON	17	3	20	3	0	3
13.11.2017	PF	IPM in vegetable crops	1	ON	18	4	22	4	0	4
27.11.2017	PF	Blight management in	1	ON	20	0	20	3	0	3

		potato								
15.12.2017	PF	Blight management in potato	1	ON	17	0	17	2	0	2
18.12.2017	PF	IPM in pulse crops	1	ON	15	0	15	3	0	3
19.12.2017	PF	IPM in lentil & chickpea	1	ON	26	0	26	4	0	4
05.01.2018	PF	IPM in wheat	1	ON	30	0	30	3	0	3
3,4,7,8,10,14,15- Jan 2018	PF	Pesticide & Fertilizer Applicator	7	ON	27	2	29	1	3	4
13.03.2018	PF	Pest management in stored products	1	ON	30	0	30	4	0	4
08.03.2018	PF	Pest management in rabi vegetable	1	ON	3	53	56	1	32	33
09.03.2018	PF	Disease managemnet in rabi vegetable	1	ON	90	26	116	16	18	34
10-13 July 17	RY	Sustainable bee keeping	4	ON	17	0	17	4	0	4
15.09.2017	RY	Management of apiary in rabi season	1	ON	17	0	17	4	0	4
18,20,21,26 Dec. 2017	RY	Pesticide & Fertilizer applicator	4	ON	28	2	30	3	1	4
16.05.2017	EF	IPM in kharif crops	1	Off	73	5	78	12	2	14
11.10.2017	EF	Seedtreatment in rabi crops	1	Off	98	4	102	4	0	7
12.03.2018	EF	Pest management in stored products	1	ON	48	6	54	6	2	8
Animal Sc.										
25.04.2017	PF	Poultry Framing	1	Off	17	2	19	14	2	16
9.05.2017	PF	Dairy management during summer season	1	Off	15	3	18	2	0	2
15-16.05.2017	PF	Goat farming	2	On	8	9	17	2	9	11
01.06.2017	PF	Fodder/ green grass management	1	Off	17	0	17	0	0	0
6-7.06.2017	PF	Dairy management	2	On	6	26	32	2	9	11
20.06.2017	PF	Care & management of infections disease of cattle	1	Off	92	10	102	10	3	13
23.06.2017	PF	Disease of poultry & its control	1	Off	9	28	37	5	18	23
30.06.2017	PF	Dairy/Polutry/Pig farming	1	On	33	2	35	6	1	7
06.07.2017	PF	Control of infective disease in cattle	1	Off	59	12	71	2	2	4
07.07.2017	PF	Housing & feeding management of cattle	1	Off	19	8	27	7	8	15
14.07.2017	PF	Feeding & disease management of goat	1	Off	13	5	18	1	1	2
19.07.2017	PF	marketing of dairy/ milk by products	1	Off	42	3	45	9	1	10
24.07.2017	PF	Clean milk production	1	Off	37	0	37	12	0	12
10.08.2017	PF	Importance of green grass for dairy animal	1	Off	9	7	16	2	5	7
17.08.2017	PF	Disease management	1	Off	11	6	17	0	0	0

		of dairy								
28.08.2017	PF	Housing & feeding management of fish	1	Off	19	0	19	2	0	2
12.09.2017	PF	Reproductive disease control of dairy animal cattle	1	OFF	49	10	59	14	6	20
06.10.2017	PF	Vaccination & deworming of livestock	1	Off	20	7	27	4	7	11
18.10.2017	PF	Fish farming	1	Off	14	3	17	0	0	0
18.10.2017	PF	Housing & feeding management of pigs	1	Off	20	0	20	5	0	5
24.10.2017	PF	Feeding management of cattle	1	Off	14	0	14	3	0	3
01.11.2017	PF	Dairy management	1	Off	180	15	195	15	7	22
03.01.2017	PF	Feeding & disease management of pig	1	Off	9	5	14	9	5	14
14.11.2017	PF	Control of infertility in dairy	1	Off	324	28	352	29	3	32
14.11.2017	PF	Importance of fodder grass cattle	1	Off	474	76	550	69	46	115
17.11.2017	PF	Management for dairy cattle	1	ON	48	0	48	0	0	0
20.12.2017	PF	Clean milk production in cattle	1	Off	15	1	16	0	0	0
22.12.2017	PF	Control of infectious disease of cattle	1	Off	20	2	22	4	0	4
04.01.2018	PF	Brooding management of poultry chicks	1	ON	23	4	27	1	0	1
12.01.2018	PF	Vaccination schedule of cattle	1	Off	16	1	17	1	0	1
15.02.2018	PF	Parasitic control of livestock	1	Off	17	1	18	2	1	3
08.03.2018	PF	Importance of poultry farming	1	ON	3	53	56	1	32	33
19.03.2018	PF	Control of infertilty of cattle	1	Off	42	5	47	4	2	6
18.05.2017	RY	Feeding management of cattle	1	Off	18	0	18	3	0	3
17-21 July 17	RY	Dairy management cum A.I. tech.	5	On	30	4	34	3	4	7
13.07.2017	RY	Feeding management in livestock	1	Off	19	0	19	0	0	0
21-24 Aug 2017	RY	Fidh cum poultry farming	4	On	10	27	37	5	5	10
19-22 Sept. 2017	RY	Goat farming	4	ON	18	14	32	4	7	11
11-13 Oct 2017	RY	Dairy & AI technique management of cow/ baffalo	3	On	19	4	23	4	4	8
11-13 Dec 2017	RY	Poultry cum fish farming	3	On	14	14	28	2	0	2
15-17 Jan 2018	RY	Pig farming	3	ON	0	27	27	8	19	27
07.02.2018	RY	Control of	1	OFF	17	0	17	2	0	2

		malnutrition of livestock								
19-22 Feb. 2018	RY	Dairy management	4	ON	17	0	17	1	0	1
14.03.2018	RY	Care & management of poutry chick	1	Off	12	5	17	0	2	2
09.02.2018	EF	Dairy farming	1	Off	9	6	15	2	2	4
23.02.2018	EF	A.I. Technique for cattle	1	Off	18	0	18	3	0	3
12.03.2018	EF	Care & management of livestock during summer season	1	ON	48	6	54	6	2	8

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	
Pesticide & fertilzer applicator	Pesticide & fertilzer applicator	Pesticide & fertilzer applicator	30	27	2	29	Self	6	6	-
Dairy management	Dairy management	Dairy management	4	17	0	17	Self	7	7	-
Vermicompost	Vermicompost production	Production techniques of vermicompost	3	17	0	17	Self	4	4	-
Bee keeping	Bee keeping	Sustainable bee keeping	4	17	0	17	Self	5	5	-
Paddy	paddy transplanter	mechanized paddy cultivation through paddy transplanter	3	22	0	22	Self	1	1	-
Income generation	PHT equipments	PHT equipments suitable for income generation	3	18	0	18	Self	1	1	-
Dairy	Dairy	Dairy management cum A.I. tech.	5	30	4	34	Self	10	10	-
Fish cum poultry farming	Fish cum poultry farming	Fish cum poultry farming	4	10	27	37	Self	3	3	-
Goat	Goat	Goat farming	4	18	14	32	Self	14	14	-
Cow/buffalo	Cow/buffalo	Dairy & AI technique management of cow/ baffalo	3	19	4	23	Self	12	12	-

Poultry cum fish	Poultry cum fish	Poultry cum fish farming	3	14	14	28	Self	2	2	-
Pig	Pig	Pig farming	3	0	27	27	Self	6	6	-
Dairy management	Dairy management	Dairy management	4	17	0	17	Self	4	4	-
Mushroom production	Mushroom production	Mushroom production	4	20	10	30	Self	5	5	-
Mushroom production	Mushroom production	Mushroom production	4	21	9	30	Self	4	4	-

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/RY/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Economic profit of poultry farming	Poultry farming	April 2017	1	PF	1	40	0	0	0	0	0	40	0	0	40	Pan Anushandhan Kendra, Ishlampur, Nalanda
2.	Package & practices of green gram	Crop Production	June 17	1	PF	1	27	6	0	1	1	0	28	7	0	35	NABARD, Jehanabad
3.	Rain water conservation techniques	Water Conservation	June 17	1	PF	1	27	6	0	1	1	0	28	7	0	35	NABARD, Jehanabad

4	IPM in kharif crops	IPM	June 17	1	PF	1	27	6	0	1	1	0	28	7	0	35	NABARD, Jehanabad
5		Value Addition	Oct 17	1	PF	1	21	4	0	0	0	0	21	4	0	25	Dr. Reddy Foundation
6	Cultivation technique of lentil	IDM	Oct 17	1	PF	1	21	4	0	0	0	0	21	4	0	25	Dr. Reddy Foundation
7		Crop production	Oct 17	1	PF	1	21	4	0	0	0	0	21	4	0	25	Dr. Reddy Foundation
8	Package of practice of lentil	Crop production	Oct 17	1	PF	1	28	2	0	0	0	0	28	2	0	30	Dr. Reddy Foundation
9	Low cost recipe	low cost receipe (COMFED)	Nov 17	1	PF	1	295	29	0	25	3	0	320	32	0	352	COMFED, Jehanabad

10	Feeding & disease management of pig	Dairy management	Nov 17	1	PF	1	295	29	0	25	3	0	320	32	0	352	DAO, Jehanaabad
11	Dairy management	Dairy management	Nov 17	1	PF	1	165	15	0	8	7	0	183	22	0	195	COMFED, Jehanabad
12	Crop Production		Dec 17	1	PF	1	22	2	0	1	1	0	23	3	0	26	Dr. Reddy Foundation
13	INM & IPM	Pesticide and Fertilizer application	Dec 17	30	RY	30	26	1	0	1	1	0	27	2	0	29	BSDM (ASCI)
14		Value addition	March 18	1	PF	1	18	14	0	0	0	0	32	0	0	32	Dr. Reddy Foundation
15			March 18	1	PF	1	18	14	0	0	0	0	32	0	0	32	Dr. Reddy Foundation
16		Mushroom production	March 18	1	PF	1	40	30	0	20	10	0	70	30	0	100	District horticulture Office ¼NHM½
17	PHT	PHT	March 18	1	PF	1	17	5	0	0	0	0	22	0	0	22	Dr. Reddy Foundation

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	7	72	11	83	12	-	-	-	72	11	83
Kisan Mela	1	127	24	151	16	96	6	102	127	24	253
Kisan Ghosthi	41	937	317	1254	24	-	-	-	937	317	1254
Exhibition	7	-	-	7	-				-	-	7
Film Show	3	1083	663	1746	12	47	2	49	1130	665	1795
Method Demonstrations											
Farmers Seminar	3	1083	663	1746	12	47	2	49	1130	665	1795
Workshop	2										
Group meetings											
Lectures delivered as resource persons	17	1277	113	1390	14	17	0	17	1294	113	1407
Advisory Services	1841	1640	201	1841	12				1640	201	1841
Scientific visit to farmers field	190	167	23	190	11				167	23	190
Farmers visit to KVK	1943	1551	392	1943	15				1551	392	1943
Diagnostic visits	66	203	34	237	8				203	34	237
Exposure visits	4	192	57	321	13				192	57	321
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	2	32	75	107	18				32	75	107
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	4										
Mahila Mandals Conveners meetings											
Celebration of important days (World veterinary day, International Yoga Diwas, World Environmental Day,	15	1849	755	2604	11	72	22	84	1921	777	2698

Sankalp Se Sidhi programme & Jila srijan diwas))											
Training through video conferencing	27	338	244	582	13	-	-	-	338	244	582
Vaccination	4	48	192	240	16	-	-	-	48	192	240
News paper coverage	31	-	-	31	-	-	-	-	-	-	31
Bonus distribution programme	2	172	36	172	11				136	36	172
Distribution of dewormer for livestock	1	5	26	31	9	-	-	-	5	26	31
Gramin jagrukta programme	1	279	71	350	13						350
Total	4212	11055	3897	15026	240	279	32	301	10923	3852	15337

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	31
Radio talks	6
TV talks	3
Popular articles	1
Extension Literature	11
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided
Total					

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Wheat (2016-17)	HI 1563	90		
Paddy (2017)	Rajendra Sweta	176 (Unprocessed)	228594.00	94
Paddy (2017)	Sahbhagi	10 (Unprocessed)		

Vegetable pea	Kashi Ageti	2.05 (Unprocessed)		
Wheat	HD 2967	105 (Unprocessed)		
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
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others				
Fruits				
Mango				
Guava				
Lime				
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers (Vermi Compost)	1500	Used in KVK Farm	
Bio-pesticide			
Bio-fungicide			
Bio-agents			
Others, please specify.			

Total			

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
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				
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)
Summer/Spring 2018						

iii) Financial Progress

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

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	Growth pattern and management practices of black Bengal goats in tribal area of Jharkhand	Maroof Ahmad and Dinesh Mahto (2017) *Indian Journal of Small Ruminants*. 23(1): 101-103		
	Effect of progesterone and oxytocin on conception rate in repeat breeding Cattle	Dinesh Mahto (2017) *International Journal of Agricultural Invention* 2(1):43 – 46.		
	Effect of biochemical profiles and reproductive performance during internal parasites in Goat and Sheep	Dinesh Mahto (2017). *International Journal of Agricultural Invention* 2(1):103 – 109.		
	Sero-epidemiology of Bluetongue and Caprine arthritis -encephalitis in goats of	Pankaj Kumar , PK Pandia, Dinesh Mahto, Abhay Kumar and A Kumari		

	middle Indo-Gangetic plains	(2018) *Indian journal of Animal Science* , 88 (1): 26–29		
	Comparative effect of pre & post A.I. antibacterial drugs infusion in repeat breeding cross bred cows	Dinesh Mahto and Maroof Ahmad (2018) *Journal of livestock Biodeversities* , 2(7):96-100		
	Detrimental effects of different isolates of *Beauveria bassiana* on developmental profile of *Spodoptera litura*	Harikesh Singh and Wajid Hasan 2017. *Int.J.Curr.Microbiol.App.Sci*, 6(7): 2378-2394.		
	Study on the biology and life cycle of cucurbit fruit fly, *Bactrocera cucurbitae* (Coquillett).	Sohrab, CS Prasad and Wajid Hasan 2018. *Journal of Pharmacognosy and Phytochemistry*; SP1: 223-226.		
	Impact of Frontline Demonstration of KVK on the Yield of Paddy (Sahbhagi dhan) in Nalanda District of Bihar, India.	Singh, N.K., Sanjeev Kumar, Wazid Hasan and Anand Kumar. 2018. *Int.J.Curr.Microbiol.App.Sci* . 7(03): 3606-3610		
	Influence of Weed Management Practices on Productivity of Wheat (Triticumaestivum L.) under Middle Indo-Gangetic Plains of Eastern India.	Paswan, A.K.; Mandal D.; Kumar J. and Kumar Rakesh 2017.*Internatio Journal of Current Microbiology and Applied SciencesISSN*: 2319-7706 *Volume* 6 *Number* 6 (2017) *pp*. 2486-2491.		
	Efficacy of Separate and Premix Formulation of Metsulfuron-Methyl and Carfentrazone-Ethyl on Weeds in Wheat: A Review.	Paswan A. K.; DevendraMandal; MandalDevendra; Kumar J.; KumarRakesh; Singh, A.K. and KumarAnil.*Int.J.Curr.Microbiol.App.Sci* (2017) 6(7): 2439-2453.		
	Development of GIUH model for a new ungauged water shed	Suresh, R., Safi, H. and Kumar, J. (2017). *International Journal of Agricultural Invention* 2(1):54-59.		
	Profile wise soil moisture extraction pattern of wheat and maize	Kumar, J. and Singh, A.K.P (2018). J. of Pharma. and phytochem ., SPI:773- 780		
Seminar/conference/ symposia	Impact of NRM intervention under NICRA project in Jehanabad	Proceedings of National COnference on CCAP, 6-08th		

papers	district of Bihar: some reflections	April 2017, BAU, sabour: 394- 395		
	Impact of improved crop intervention suitable for climate resilient agriculture	Proceedings of National COnference on CCAP, 6-08th April 2017, BAU, sabour: 396- 397		
Abstract	Adoption of pig-rearing practices by trained & untrained farmers at Jehanabad. *1st National Conference organized by The Society of Krishi Vigyan and the Association of Aquaculturists at ICAR- Central Institute of Freshwater Aquaculture, Bhubaneswar, Odisha.* Page No ; 40	Dinesh Mahto and Shobha Rani (2018). Page No ; 40		
	Animal Health intervention at village level and its impact in Bihar. *"International Conference & Expo on Agriculture & Veterinary Sciences: Research and Technology"* 23-25 October 2017, Hyderabad, India	Pankaj Kumar, Pradeep Kumar Ray, Dinesh Mahto, Abhay Kumar and A. Dey (2017)		
	Effect of different green fodder for milk production in cattle. *1st National Conference organized by The Society of Krishi Vigyan and the Association of Aquaculturists at ICAR- Central Institute of Freshwater Aquaculture, Bhubaneswar, Odisha.* Page No ; 42.	Dinesh Mahto and Dr. Shobha Rani (2018).		
	Disease spectrum in Buffaloes of Indo Gangetic plains: Comparative analysis	Pankaj Kumar, Dinesh Mahto, Narendra Kumar, P K Ray, Amitava Dey and Abhay Kumar(2018) 9th Asian Buffalo congress at ICAR CIRB Hisar Hariyana 1-4 February 2018		
Books				
Bulletins				
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	rsyguh Qlyksa ¼jkbZ ,oa fry½ dh iSdst iz.kkyh	Mk0 'kksHkk jkuh] bZ0 thrsUnz dqekj] MkW okftn glu] Jh vftr dqekj ikloku	1000	
News letter	tqykbZ ls flracj 2017	Mk0 'kksHkk jkuh] bZ0 thrsUnz dqekj] MkW okftn glu] Jh vftr dqekj ikloku	1000	
	vDVwcj ls fnlacj 2017	Mk0 'kksHkk jkuh]	1000	

		bZ0 thrsUnz dqekj] MkW okftn glu] Jh vftr dqekj ikloku		
	tuojh ls ekpZ 2018	Mk0 'kksHkk jkuh] bZ0 thrsUnz dqekj] MkW okftn glu] Jh vftr dqekj ikloku	1000	
	vizSy ls twu 2018	Mk0 'kksHkk jkuh] bZ0 thrsUnz dqekj] MkW okftn glu] Jh vftr dqekj ikloku	1000	
Popular Articles	Aam ke bagon me tapak widhi dwara sinchai. Krishak sandesh, Jan to March 2018	Er Jeetendra Kumar		
Book Chapter				
Extension Pamphlets/ literature				
Technical reports	MPR (English), MPR (Hindi), QPR (April-June 2017, July-Sept. 2017, Oct.- Dec. 2017, Jan.- March 2018) Annual Progress Report (2017-18) of KVK • Annual Action Plan (2018-19) of KVK • Annual Report (2017-18) of NICRA • Annual Action Plan (2018-19) of NICRA • Extension Council Report (April- Sept. 2017, Oct. 2017- March 2018) • NICRA QPR (April-June 2017, July-Sept. 2017, Oct.- Dec. 2017, Jan.- March 2018)	Dr. Shobha Rani[1], Er. J. Kumar[2] Sr. Scientist & Head, KVK, Jehanabad, B.A.U., Sabour 2 Scientist (Agril. Engg.), KVK Jehanabad		
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.	CAFT training	Biopesticide for crop protection and improvement	Dr. Wajid Hasan, SMS (Ento.)	02-22 Feb. 2018	GBPUA&T, Pantnagar
2.	NICRA review	NICRA review	Dr. Shobha Rani, Sr.	13-15 Jan. 2018	Nimpeeth,

	workshop	workshop	Scientist & Head		West Bengal
3.	CAFT training	Advances in ICT in Agricultural Extension	Er. Jeetendra Kumar, SMS (Agril Engg.)	4-24 Jan. 2018	BAU, Sabour
4.	ToT training	Quality seed grower	Sri Ajit Kr. Paswan, SMS (Agro.)	28-31 Dec. 2017	BAU, Sabour
5.	Training (BSDM)	Skill development training	Dr. Shobha Rani, Sr. Scientist & Head, Dr. Wajid Hasan, SMS (Ento.), Sri Ajit Kr. Paswan, SMS (Agro.)	01.11.2017	BAMETI, Patna
6.	Workshop	State level rabi workshop	Dr. Shobha Rani, Sr. Scientist & Head	5-6 Oct 2017	BAMETI, Patna
7.	Workshop	District level rabi workshop	Dr. Shobha Rani, Sr. Scientist & Head	11.10.2017	ATMA training centre, Jehanabad
8	Workshop	Dairy entreprize/ entreprenure	Dr. Dinesh Mahto, SMS (Ani. sc.)	18.09.2017	DDM, NABARD, Jehanabad
9	Convention	Women convention	Dr. Shobha Rani, Sr. Scientist & Head	5-6 Aug. 2017	BAU, Sabour
10	Training	Mridaparikshak meeting	Dr. Shobha Rani, Sr. Scientist & Head	05.07.2017	ICAR, RCER, Patna
11	Workshop	Pro poor livestock policy formulation	Dr. Dinesh Mahto, SMS (Ani. sc.)	13-14 June 2017	Gargee hotel, Patna
12	Workshop	NICRA workshop	Dr. Shobha Rani, Sr. Scientist & Head	29.05.2017 to 02.06.2017	UBKV, West Bengal
13	Symposium	National Symposium	Dr. Dinesh Mahto	6-8 April 2017	BAU, Sabour
14	Conference	National conference	Er. Jeetendra Kumar, SMS (Agril Engg.)	6-8 April 2017	BAU, Sabour
15	ToT training	ToT training	Dr. Wajid Hasan, SMS (Ento.)	24.04.2017 to 03.05.2017	BAU, Sabour

Meetings

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Forecast application for risk management in agriculture (FARM) school training	Planning meeting	Dr. Shobha Rani, Sr. Scientist & Head	7-8 March 2018	RIMES, Thiland
2.	Meeting	Infrastructure	Er. Jeetendra Kumar, SMS (Agril Engg.)	21.02.2018	BAU, Sabour
3.	Meeting	CFLD meeting	Dr. Shobha Rani, Sr. Scientist & Head	8-9 Jan. 2018	CPRI, Patna
4	Meeting	Extension council meeting	Dr. Shobha Rani, Sr. Scientist & Head	14.10.2017	BAU, Sabour
5	Meeting	NHM review meetng,, seed review meeting	Dr. Shobha Rani, Sr. Scientist & Head	19-20 Sept. 2017	BAU, Sabour
6	Meeting cum training	Skill development	Dr. Shobha Rani, Sr. Scientist & Head	01.08.2017	BAMETI, Patna
7	Meeting	ZREAC meeting	Dr. Shobha Rani, Sr.	23.08.2017	ARI, Patna

			Scientist & Head		
8	Meeting cum training	Skill development	Dr. Shobha Rani, Sr. Scientist & Head	01.07.2017	BAMETI, Patna
9	Meeting	Account related and BSDM meeting	Dr. Shobha Rani, Sr. Scientist & Head	17-18 July 2017	BAU, Sabour
10	Meeting	Review meeting of CFLD	Dr. Shobha Rani, Sr. Scientist & Head	20.06.2017	ICAR-RCER, Patna

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

Success stories1

Name of farmer	Sri Badhan Prasad
Address	Vill- Dhamapur, Block- Modanganj, Distt. Jehanabad
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	1 ha
Name and description of the farm/ enterprise	Agarbatti making**,** crop production and fishery: Mr. Badhan Prasad is a progressive farmer of village Dhamapur, Block-Modanganj, Jehanabad. Rice-wheat is major cropping system in his village. But input cost is higher for wheat production and the return is poor as compared to chickpea. In the year 2016-17 he started scientific cultivation of chickpea, alternate source of income like Agarbatti making and fishery are source of good income Agarbatti making and fishery are done round the year. During Rabi season, he grew chickpea which is sown at residual moisture of paddy. Cost of cultivation is higher in wheat. He came in contact with Krishi Vigyan Kendra, Jehanabad where he got technical training by Scientist (Agronomy) on scientific cultivation of chickpea including selection of improved variety, use of improved inputs. agricultural implements and machineries and he used 11 rows zero till seed cum ferti. drill for wheat sowing.
Economic impact	

Impact factor	**Before Adoption**	**After Adoption**
Farmer Practice	Rice- wheat	Rice-Chickpea
Yield of Product	31q	16q
Fixed Cost	-	-

	Recurring Cost	28000	20200
	Gross Income	47275	96000
	Net Profit	19275	75800
	B:C Ratio	1.68	4.75
	Marketing	Local Market	Local Market
	Dissemination of knowledge in the locality	1	2
	Knowledge gain based on 1-5 scale*	1	4
	Feeling of economic security based on 1- 5 scale*	1	2
	Ability to understand and solve problems based on 1- 5 scale*	1	2
	Self image in community based on 1- 5 scale*	1	2
	Self confidence based on 1- 5 scale*	2	3
Social impact	Awareness among the group of farmers for income generation by taking different enterprizes suitable to their land size and capital.		
Environmental impact	Judicious use of small acrage for getting maximum output with inclusion of environmental friendly inputs like pulse crop rotation and integrated farming		
Horizontal/ Vertical spread	A group of farmers of like interest has been formed for Agarbatti making.		

Success stories 2

Name of farmer	Sri Sudhir Kumar
Address	S/o Sri Krishna Prasad Singh is a progressive farmer of village-Muther, Block- Jehanabad
Contact details (Phone, mobile, email Id)	8507174401
Landholding (in ha.)	3 ha
Name and description of the farm/ enterprise	Stall feeding of goat farming: He is attending long duration training organized for Rural Youth in KVK, Jehanabad, he started goat farming on small scale intially with 10 goats. Meanwhile, he always remains in touch of KVK, Jehanabad and followed all the technical advices provided by the scientists. The KVK scientists also continuously monitored and supervised his farm. Gradually, seeing the success and getting income, Mr. Sudhir Kumar became very much motivated to introduce goat rearing through barbari and Sirohi breed braught from CIRG, Makdum, U.P. He

<table>
<tr><td></td><td>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 Mr. Sudhir Kumar has increased the number of goats up to 55 in his goat farm.</td></tr>
<tr><td>Economic impact</td><td>
<table>
<tr><th>Impact factor</th><th>Before Adoption</th><th>After Adoption</th></tr>
<tr><td>Farmer Practice (Goat)</td><td>5</td><td>40</td></tr>
<tr><td>Yield of Product</td><td></td><td></td></tr>
<tr><td>Fixed Cost</td><td>10000</td><td>80000</td></tr>
<tr><td>Recurring Cost</td><td>15000</td><td>120000</td></tr>
<tr><td>Gross Income</td><td>24000</td><td>240000</td></tr>
<tr><td>Net Profit</td><td>1000</td><td>40000</td></tr>
<tr><td>B:C Ratio</td><td>0.9</td><td>1.2</td></tr>
</table>
</td></tr>
<tr><td>Social impact</td><td>Goat is ideally suited for the poorest of the poor people because of short gestation period, low risk capital investment and low cost of maintenance</td></tr>
<tr><td>Environmental impact</td><td>The climate in district Jehanabad remains critical in all seasons while Goatry is a profession that especially suited to small and marginal farmers with low socio economic status.</td></tr>
<tr><td>Horizontal/ Vertical spread</td><td>The technology has been also adopted by the other farmers and they are influence with him</td></tr>
</table>

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.**

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

A. PRA.
B. Survey using (Questionnaires & Schedule)
C. Meeting-Discussion.
D. Observation (Participant & Non Participant observation)

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

Sl. No	Name of the Equipment	Qty.
	Mridaparikshak a mini Kit	02

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			
458	-	458	458	102	-

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	Seminar	565	4	Sri A.C. Jain, JDA, Magadh Range, Gaya Sri S.K. Jha, DAO, Jehanabad Sri Kailash Nath, ADAE, Jehanabad Assistant Director, Soil Chemistry	300	300

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	20 (Chekdam, Pond, 5% medel)	-	87 (during training)	6 (Visit by ZMC members)

3.13. Technology week celebration

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

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N)

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
09.03.2018	Dr. Chandan Kumar, BAU, Sabour, Bhagalpur	PPV& FRA training
14.12.2017	Dr. A.K. Mehta, Chairman, NICRA, Dr. A.K. Singh, Co-chairman, NICRA, Dr. D.V.V. Ramana, Member, NICRA, Dr. R.K. Sohane, Member, NICRA, Dr. S.K. Bal, Member, NICRA, Dr. A.K. Singh, Member, NICRA	ZMC visit to NICRA village Sakrorha
05.12.2017	Sri A.C. Jain, JDA, Magadh Range, Gaya Sri S.K. Jha, DAO, Jehanabad Sri Kailash Nath, ADAE, Jehanabad Assistant Director, Soil Chemistry	World Soil Day
15.10.2017	Smt. Sita Devi, Hon'ble Jila Parishad, Modanganj, Jehanabad, Smt. Mamta Kumari, JEEVIKA, Modanganj	Mahila kisan diwas
07.09.2017	Chairman, Jila Parishad, Mrs. Abha Rani, District Nodal Officer, NYK, Sri Narendra Rai	Padosh Yuva Sansad programme
07.09.2017	Chairman, Jila Parishad, Mr. Abha Rani, District Nodal Officer, NYK, Sri Narendra Rai	Nutritional Awareness training programme
25.08.2017	Dr. Arun Kumar, Hon'ble M.P., Jehanabad Sri Manoj Kumar Singh, D.M., Jehanabad Sri Shankar Jha, DAO, Jehanabad Sri, Arvind Kumar Singh, PD, ATMA, Jehanabad Sri Shashi Bhushan Sharma, Branch Manager, MBGB, bandhuganj, Jehanabad Dr. R.K. Prasad, Dist. Animal Husbandry Officer, Jehanabad Sri Shambhu Kumar, Dist. Fishery Officer, jehanabad Sri Rakesh Kumar, Deputy Project Director, ATMA, Jehanabad Smt. Ragini Kumari, DPM, JEEVIKA, Jehanabad & Sri Abhiral Kumar Singh, JEEVIKA, Jehanabad & Sri Sudhir Kumar, Manager, JEEVIKA BAO of Modanganj, Ghosi, Jehanabad, Kako, Hulasganj, Ratni Faridpur, Makhdumpur Agriculture Co-ordinators & BTM, Dist. Agriculture Dept. Kisan Salakars Dist. Agriculture Dept. Co-ordinator's, Asst. Co-ordinator & members of Kisan Club Jaikishunbigha, Keshopur, Safepur, Rampure Charui, Khalispur (Jehanbaad) Smt. Indu Kumari, Chairman of Barabar Swamm Sidha WomenGroup, Makhdumpur, Jehanabad District Animal Husbandry Officer, Jehanabad DDM, NABARD	New India Sankalp Se Sidhi Programme
06.09.2017	Dr. Anjani Kumar, Director, ATARI, Zone IV, Patna, Dr. R.K. Sohane, Director Extension Education, BAU, Sabour, Dr. Arvind Kumar, Chief Scientist, IRS, Vikramganj, Sri Sankar Kumar Jha, DAO, Jehanabad, Thakur RSP Singh, DHO, Jehanabad, Sri Shambhu Kumar, DFO, Jehanabad, Sri kamlesh Sharma, Chairman, Magadh Dairy, Gaya, Sri S B Sharma, Branch Manager, MBGB, Bandhuganj, Smt. Ragini Kumari, DPM, JEEVIKA, Sri R N Sharma, LDM, Jehanabad, Sri Rakesh	SAC meeting

	Kumar, DPD, ATMA, Jehanabad	
30.06.2017	District Development Manager (DDM), NABARD, Jehanabad, Mr. Pankaj Kumar	Training cum exposure visit programme of farmers producers society, Makhdumpur

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)
Beekeeping	260	23	46000	64000
Zero tillage	163	10	57000	62000
Poultry farming	184	30	50000	80000
Mushroom cultivation	265	22	-	40000
Goatry	86	20	20000	60000
Dairy	992	40	250000	300000
Piggery	47	15	8000/ month	10000/ month
Fishery	73	5	-	50000

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.	Technology	Adoption rate
1	Single seedling transplanting of paddy (%)	76%
2	Vermicompost production (no.)	1530 units
3	Use of improved farm implements (%) (ex :Rotavator, combined harvester)	68%
4	Income generating activities Like vermicompost production, Rice/rice flakes selling, poultry, dairying, goatry, processing (%)	48%
5	Participation of Farm women in agril. programme	75%
6	Seed replacement rate (%) in the adopted villages (paddy, wheat, rai, gram, lentil, moong etc.)	85%

7	Participation of NGO's in KVK-activities (no.)	12
8	Area under ZTT (ha)	600
9	Bee Keeping (%)	28%
10	Mushroom Production (%)	30
11	Pulse crop coverage (Lentil, chickpea, field pea, pigeonpea), ha	15900
12	Oilseed crop coverage (Musturd, Linseed), ha	1500
13	Drought Tolerant Paddy (Sahabhagi), ha	160
14	Medium Duration Paddy(R.Sweta, S. Ardhjal), ha	1800
15	SRI Paddy, ha	800
16	Community Nursery (Paddy), ha	24
17	Green Manuring (Green Gram, dhaincha), ha	3200
18	No. of Pheromon trap used in paddy	150

4.4. Details of innovation

Innovations recorded by the KVK

Thematic area	Goat Farming
Name of the Innovation	Stall feeding
Details of Innovator	Name: Sudhir Kumar Father's Name: Krishna Prasad Address of correspondence: S/o Krishna Prasad, Village- Muther, Sikariya, Jehanabad Mobile No: 8507174401 Aadhar No: 255848501091
Back ground of innovation	During winter season use of bamboo sheet + paddy straw bag as layout for maintenance of room temperature
Technology details	Care and management of housing system during winter season for goats. At first, sprayed lime powder on the floor in goat house then bamboo sheet (chacherry in local language). The insert paddy straw in plastic bags for lying over the bamboo sheet. Putting of bulb at house for control of cold during winter season. Second things, all the windows and door are closed so that internal temperature of goat house is maintained. Then after, making of stall feeding i.e. lentil straw, wheat chokar, mustard cake, Rice police(chunni), turmeric and gur is used for maintenance of body temperature during winter/cold season that resulted less mortality of goat along with kids. Presently our farm milk production is as follows: Goat milk from barbari goats per day 6 kg (@ 600/kg goat milks).
Practical utility of innovation	Regular Income generation

Thematic area	Natural fibres art
Name of the Innovation	Scenery & Potet of paddy straw
Details of Innovator	Name: **Mrs. Sunita Kumari** Father's Name: Raju Prasad Address of correspondence: W/O-Raju Prasad, Tehta,Makhdumpur, Jehanabad

	Mobile No:7004320186, 9334026122 Aadhar No: 559493562744
Back ground of innovation	Hot iron pressed on cut straw for spreading
Technology details	Paddy straw scenery is prepared in three stages. (i)Broadening of paddy straw, (ii) pasting the broadened straw on the whole supporting picture and (iii) then scenery is drawn with paddy straw in actual shape and size then after cutting the drawn picture and pasting straw on it.
Practical utility of innovation	Use of paddy straw for scenery making

Thematic area	Moisture conservation
Name of the Innovation	Use of "Noni" (Old soil dust) for better wheat yield in moisture stress condition
Details of Innovator	Name of the farmer: Sant Kumar Sinha Village and Block: Sakrorha, Block- Modanganj Mob no. : 7321002392
Back ground of innovation	During winter season, due to lack of irrigation facility he is compelled to sow the wheat crop in poor moisture condition that affect the wheat germination.
Technology details	Wheat seeds were mixed with moist Noni for the whole night and then next day they are sown, so land is utilized. During winter season, due to lack of irrigation facility he is compelled to sow the wheat crop in poor moisture condition that affect the wheat germination. Keeping in view this problem, an idea developed in his mind. The village has 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. He collected it for better germination of wheat. Actually what he does, is in those fields where there is less moisture for wheat sowing and chances of poor germination of wheat, he used moist wheat seed. He dipped the wheat seed in water, bring out the seed and kept it jute sack for 4-5 hour, after that mixed noni in equal amount with wheat seed so that, wheat seed is coated with 'Noni'. He sows the coated wheat seed after field preparation that resulted better germination of wheat
Practical utility of innovation	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 10ha upland soil of this village which 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.

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 diagonostic 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 influeced 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 diagonostic 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 braught 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 influeced by the nearby farmers

4.6. Any other initiative taken by the KVK

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 2017-18 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Mahila Kisan Diwas	Training cum awareness programme	15.10.2017	ICAR	Training cost by KVK
Kharif Kisan Sammelan (District foundation day)	Training cum awareness programme	01.08.2017	DAO, Jehanabad	DAO, Jehanabad
Padosh Yuva Sansad programme for rural youth under Ministry of Youth programme and sports, GOI	Training cum awareness programme	07.09.2017	NYK, Jehanabad	Training cost by NYK, Jehanabad
Nutritional Awareness training programme	Training cum awareness programme	07.09.2017	ICAR	KVK
New India Manthan, Sankalp Se Sidhi Programme	Training cum awareness programme	25.08.2017	ICAR	75000/-
World Soil Health Day	Training cum awareness programme	05.12.2017	ICAR	80000/-
Jai kisan Jai Vigyan Diwas	awareness programme		ICAR	
Yoga diwas	Training cum awareness programme	21.06.2017	KVK, Jehanabad	KVK
International environment day	Training cum awareness programme	05.06.2017	KVK, Jehanabad	KVK
Krishi shiksha diwas	Training cum awareness programme	03.12.2017	KVK, Jehanabad	KVK
International Women day	Training cum awareness programme	08.03.2018	ICAR	KVK
Veterinary World Day	Training cum awareness programme	29.04.2018	ICAR	
World food day	Training	16.10.2017	KVK, Jehanabad	KVK, Jehanabad

Agro Expo exposure visit	Training cum awareness programme	11-13 Jan 2018	ICAR	ICAR-RCER, Patna
Exposure visit to ICAR, RCER, Patna	Training cum awareness programme	22.02.2018	ICAR	Transportation of farmers financed by ICAR-RCER, Patna
Training cum bonus distribution programme	Training cum awareness programme	20.06.2017	Magadh Dairy & COMFED	Financed by Magadh Dairy, Gaya & COMFED, Jehanabad
PPV&FRA training programme	Training cum awareness programme about PPV&FRA act 2001	09.03.2018	BAU, Sabour	Rs. 80000/-
International Agri. Tech Mela	Training cum awareness programme	11.03.2018	Agri. depart., Bihar Govt.	Agri. depart., Bihar Govt.
Krishi Yantrikaran Mela	Mela	30.01.2018	DAO, jehanabad	DAO, jehanabad
Krishi Unnati mela	Live TV telecast of Hon'ble PM of India	17.03.2018	ICAR	100000/-
Animal Health Checkup	Health Checkup	19.03.2018, 12.09.2017	INTAS Pharmaceuticals	INTAS Pharmaceuticals
Vaccination cum animal health programme	vaccination & Health Checkup	06.02.2018, 17.11.2017, 29.08.2017	Dept. of Animal Husbandry, Jehanabad, INTAS & GET WELL Pharmaceuticals	Dept. of Animal Husbandry, Jehanabad
Bonus distribution programme	Bonus distribution	27.07.2017, 20.06.2017	COMFED, Jehanabad	COMFED, Jehanabad
Distribution of dewormer for livestock	Distribution of dewormer	05.10.2017	Dept. of Animal Husbandry, Jehanabad	Dept. of Animal Husbandry, Jehanabad
Gramin Jagrukta programme for AI Workers & dairy farmers	Training	14.11.2017	COMFED, Jehanabad	COMFED, Jehanabad, NDDP, Gujrat
Training to Farmer producer organization	Training	30.6.2017	NABARD, Jehanabad	NABARD, Jehanabad
BLOTP Training	BLOTP Training	31.07.2017	NABARD, Jehanabad	Kisan club, Keshopur
BLOTP Training of kisan club	BLOTP Training	17.07.2017	NABARD, Jehanabad	Kisan club, Safepur
BLOTP Training of kisan club	BLOTP Training	24.07.2017	NABARD, Jehanabad	Kisan club, Rampurcharui
BLOTP Training of kisan club	BLOTP Training	19.07.2017	NABARD, Jehanabad	Kisan club, Jaikisunbigha

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	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Mushroom Unit	2013	75 (Sq.mt)	Oyster	Oyster Mushroom	25 kg	-	2500	
2.	Vermi Compost Unit	2014	144 sq. ft.	Vermi compost	Vermi compost	15 qtl	-	-	Used in KVK farm
	Total								

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Wheat (2016-17)	HI 1563	90		
Paddy (2017)	Rajendra Sweta	176 (Unprocessed)	228594.00	94
Paddy (2017)	Sahbhagi	10 (Unprocessed)		
Vegetable pea	Kashi Ageti	2.05 (Unprocessed)		
Wheat	HD 2967	105 (Unprocessed)		
Grand Total				

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy (2017)	June 2017	Dec. 2017	5	Rajendra Sweta	C/S	176 (Unprocessed)		228594.00	
Paddy (2017)	June 2017	Oct. 2017	0.5	Sahbhagi	T/L	10 (Unprocessed)			
Vegetable pea	Oct. 2017	Feb. 2018	0.33	Kashi Ageti	F/S	2.05 (Unprocessed)			
Wheat	Dec. 2017	April 2018	5.5	HD 2967	C/S	105 (Unprocessed)			

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.	Vermi Compost	1500	Used agro-waste of KVK Farm	-	Used in KVK farm.

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.							

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)
Dec 17- Jan 18	29	25	
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: yes

No. of staff quarters: 6

Date of completion: 2014

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	

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

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

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				

1	Pay & Allowances	7830000	7565647	264353
2	Traveling allowances	130000	126485	3515
3	Contingencies			
A	HRD	30000	20050	9950
B	O/E	755000	753343	1657
C	Training	490000	455601	24399
D	FLD	120000	116872	3128
E	OFT	85000	84544	456
F	Soil & water lab.	28000	28000	0
G	Maintenance of building	70000	61294	8706
H	Extension activity	42000	35150	6850
I				
J	Swatchta Expenditure			
TOTAL (A)		9580000	9269966	310034
B. Non-Recurring Contingencies				
1	NICRA	840000	828292	11708
2				
3				
4				
TOTAL (B)		840000	828292	11708
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		10420000	10098258	321742

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2014-15	2527379.50	847155.00	396009.85	2978524.65+ (Kind)
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	358961.55	4924153.19 (Kind Rs. 750000)

7.6. (i) Number of SHGs formed by KVKs: 8
(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.

a. Milk.
b. Vegetable production.
c. Marigold flower production.
d. Goatry.
e. Pickles Making.
f. Mushroom production.
g. Agarbatti Making

7.7. Joint activity carried out with line departments and ATMA

Nameof 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

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
False Smut	Paddy	Oct. 2017	400 ha	qualitative loss 42 %	Recomendation Seed treatment with tricychalazole 75 WP @ 2 g per kg seed followed by spray of propiconazole 30 EC @ 1ml per litre water at the time of booting stage (400 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)
F.M.D	Cow & Buffalo	Oct. 2017	5 %		Vaccination programme conducted by Dept. of Animal Husbandry (Govt. of Bihar)

9.1. Nehru YuvaKendra(NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	
Padosh yuva sansad programme	07.09.2017	07.09.2017	151		Funded by NYK

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
09.03.2018	Dr. Chandan Kumar, BAU, Sabour	116	-	-

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

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

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	*0*
4.	Name of the App	*0*
5.	Language of the App	*0*
6.	Meant for crop/ livestock/ fishery/ others	*0*
7.	No. of times downloaded	*0*

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
23.09.2017, 7.10.2017, 14.10.2017	Awareness and training regarding environmental cleanliness, hygine, 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 SeemaSurakshaBal (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
Hardaspur , Karwa, Shekhpura Block Ghosi	23.12.2017, 11.11.2017, 26.08.2017	Ghosi Block	Training
Chiraitad Block Jehanabad	12.08.2017	Jehanaabd Block	Training
Mahadeo bigha Block Makhdumpur	29.07.2017	Makhdumpur Block	Training
Jagat Betauli Block Hulasganj	08.07.2017	Hulasganj Block	Training

Give good quality 1-2 photograph(s)

9.9. Details of '*Sankalp Se Siddhi'* 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 Darshan (Yes/ No)	Coverage by other channels (Number) Radio
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
25.08.2017	-	1	-	-		1	1	935	8	946	Yes covered by door darshan, Patna	Yes by coverd by Akashwani, Patna

9.10. Details of Swachhta Hi Sewaprogramme organized (15th September to 2nd October 2017)

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1.	Sewa Divas (17th Sept. 2017)	KVK threshing floor	11	-	-
2.	Samagra Swatch Divas 24th Sept. 2017	2	81	-	-
3.	Sarwatra Swachha 25th Sept. 2017	2	62	-	-
4.	Swachhta of nearby Tourist on 01.10.2017	1	95	-	-

5.	Public Function/ Award ceremony (16.09.2017 & 23.09.2017)	2	70		
6.	Other Misc. activities				
	Oath taken by KVK employees & cleaning of farmers hostel premises on 15.09.2017	-	12	-	-
	Awareness & cleaning of primary school premises on 18.09.2017	1	62	-	-
	Cleaning of demo unit (Vermi compost) on 19.09.2017	-	12	-	-
	Cleaning of automatic weather station & awareness at disadvantaged village on 20.09.2017	1	30	-	-
	Cleaning of NHM unit on 21.09.2017	-	22	-	-
	Cleaning of building premises on 22.09.2017	-	43	-	-
	Cleaning of KVK, lawn on 02.10.2017	-	10	-	-
	Training on Goat farming (Sanitation & Hygiene in housing system & disease control) on 19-22 Sept. 17	-	32	-	-
7	Training on hygienic milk production for dairy cattle on 18.09.2017	1	42	-	-

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Kisan Gosthi on women epowerment	5	51	2	Smt. Sita Devi, Hon'ble Jila Parishad, Modanganj, Jehanabad, Smt. Mamta Kumari, JEEVIKA, Modanganj

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Shankar Singh	Vill.- Gandhar, Modanganj	Progressive
2	Bhushan Sharma	Vill- Jaikishunbigha ,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	Nagmani	Vill.-Makhdumpur, Makhdumpur	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.- Jaikishunbigha, 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.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Forecast application for risk management in agriculture (FARM) school training	7-8 March 2018	Dr. Shobha Rani	Sr. Scientist & Head	RIMES Bankok, IMD N. Delhi & BAU, Sabour
Infrastucture Meeting	21.02.2018	Er. Jeetendra Kumar	SMS (Agril Engg.)	BAU, Sabour
CAFT training	02-22 Feb. 2018	Dr. Wajid Hasan,	SMS (Ento.)	GBPUA&T, Pantnagar
Meeting	8-9 Jan. 2018	Dr. Shobha Rani	Sr. Scientist & Head	CPRI, Patna
NICRA review workshop	13-15 Jan. 2018	Dr. Shobha Rani	Sr. Scientist & Head	Nimpeeth, West Bengal
CAFT training	4-24 Jan. 2018	Er. Jeetendra Kumar	SMS (Agril Engg.)	BAU, Sabour
ToT training	28-31 Dec. 2017	Sri Ajit Kr. Paswan	SMS (Agro.)	BAU, Sabour
Training (BSDM)	01.11.2017	Dr. Shobha Rani, Dr. Wajid Hasan, Sri Ajit Kr. Paswan,	Sr. Scientist & Head SMS (Ento.) SMS (Agro.)	BAMETI, Patna
Workshop	5-6 Oct 2017	Dr. Shobha Rani	Sr. Scientist & Head	BAMETI, Patna
Meeting	14.10.2017	Dr. Shobha Rani	Sr. Scientist & Head	BAU, Sabour
Workshop	11.10.2017	Dr. Shobha Rani	Sr. Scientist & Head	ATMA training centre, Jehanabad
Workshop	18.09.2017	Dr. Dinesh Mahto	SMS (Ani. sc.)	DDM, NABARD, Jehanabad

Meeting	19-20 Sept. 2017	Dr. Shobha Rani	Sr. Scientist & Head	BAU, Sabour
Meeting cum training	01.08.2017	Dr. Shobha Rani	Sr. Scientist & Head	BAMETI, Patna
Convention	5-6 Aug. 2017	Dr. Shobha Rani	Sr. Scientist & Head	BAU, Sabour
Meeting	23.08.2017	Dr. Shobha Rani	Sr. Scientist & Head	ARI, Patna
Meeting cum training	01.07.2017	Dr. Shobha Rani	Sr. Scientist & Head	BAMETI, Patna
Meeting	17-18 July 2017	Dr. Shobha Rani	Sr. Scientist & Head	BAU, Sabour
Training	05.07.2017	Dr. Shobha Rani	Sr. Scientist & Head	ICAR, RCER, Patna
Workshop	13-14 June 2017	Dr. Dinesh Mahto	SMS (Ani. sc.)	Gargee hotel, Patna
Workshop	29.05.2017 to 02.06.2017	Dr. Shobha Rani	Sr. Scientist & Head	UBKV, West Bengal
Meeting	20.06.2017	Dr. Shobha Rani	Sr. Scientist & Head	ICAR-RCER, Patna
Symposium	6-8 April 2017	Dr. Dinesh Mahto	SMS (Ani. sc.)	BAU, Sabour
Conference	6-8 April 2017	Er. Jeetendra Kumar	SMS (Agril Engg.)	BAU, Sabour
ToT training	24.04.2017 to 03.05.2017	Dr. Wajid Hasan	SMS (Ento.)	BAU, Sabour

9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Revolving fund	1013785.00	KVK

9.15. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	BSDM	Skill Development Training	Institutional charges	31552	
2	Nehru Yuva Kendra	Training	Rent of Training Hall	1500	
3	Dr. Reddy's Foundation	Training	Rent of Training Hall	11000	

9.16. 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

9.17. Contingent crop planning

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

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

a) Year:
b) Introduction / General Information:

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

11. Details of TSP

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

Programmes	**Physical achievements**
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of otherprogrammes (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 outcomeunder 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
In-situ moisture conservation practices					
Bund strengthening in paddy	-	4	1.5	4	
Land leveling of paddy field	-	8	4	8	
Plastic Mulching in Okra	-	4	0.40	4	
Straw Mulching in Bitter guard		15	2.0	15	
Straw Mulching in Cauliflower		4	0.4	4	
Conservation tillage where appropriate					
Use of Rotavator in paddy field prep.	1	2	5	2	
Zero Tillage Technology, wheat	1	20	16.25	20	
Water harvesting and recycling for supplemental irrigation					
7 Pond Renovation	7	7	39	94	
Construction of 8 Check dam	8	8	68	132	

Construction of miniature pond (5) in fields	5	5	0.66	5	
Ground water recharge					
Renovation of 3 open wells	3	3	3	3	
Micro irrigation systems					
Sprinkler System in Wheat HD2733	1	1	12	26	
Lentil (var. HUL 57)	-	16	4	16	
Rai (R. Suflam)	-	10	2	10	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks
Advancement of planting dates of rabi crops in areas with terminal heat stress			
Contingency crop planning			
Pegeonpea as alternate crop for uplands	2.5	6	
Crop diversification	.50	10	
Drought tolerant varieties			
short duration, drought tolerant paddy	.50	5	
Moisture stress management			
Nutrient management	40	68	
Pest and disease management	40	74	
Seed production			
Short duration varieties	60	106	
Varietal evaluation			
Water saving paddy cultivation methods (SRI, aerobic, direct seeding) Other intervention (pl specify)	3.4	10	
Community Nursery for delayed monsoon			
Use of pond Water	2.5	42	

Livestock and fisheries

Name of intervention	Number	Number	Area	No of	Remarks

undertaken	of animal covered	of units	(ha)	farmers covered / benefitted	
Animal health check up camp	53		64		
Artificial Insemination					
Breed up gradation	65		66		
De-worming in livestock	89		95		
Improved shelters for reducing heat stress in livestock					
Insurance coverage for livestock	12		12		
Lively hood security					
Mitigation of mineral deficiencies in animals	63		63		
Popularization of backyard poultry	2		70		
Popularization of duck farming	3		18		
Preventive vaccination	82		135		
Management of fish ponds/ tanks during water scarcity and excess water	1		.20		
Hygienic Milk production					
Clean milk		12	30		

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks
Climate literacy through a village level weather station	1	-		
Commodity groups				
Mechanization through custom hiring for timely planting	1	15.5	18	
		15.5	6	
Fodder bank		0.5	36	
Seed bank		0.4	12	
Community nursery		2.5	42	
Nutritional garden		0.1	8	

Post-harvest losses				
Other intervention (pl specify)				
Community irrigation		12	8	

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total
Farm implements and machineries	1	15	0	15
Home Science	1	15	8	23
Natural resource management	1	9	7	16
Mushroom Production	1	8	7	15
Feeding Management	1	15	5	20
Value addition	1	12	03	15
Resource conservation technologies	1	12	03	15
Resource conservation technologies	1	11	4	15
Post Harvest Technology	1	11	4	15
Water conservation	1	15	4	19
Natural resource management	1	67	15	82
Resource conservation technologies	1	17	1	18

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total
Method demonstrations	4	32	4	36
Agro advisory services	6	82	8	90
Awareness	1	12	3	15
Exposure visits	-	-	-	-
Field Day	-	-	-	-
Group discussion	9	140	14	154
Diagnostic .visit	6	62	6	68
Zonal Monitoring Committee Visit	1	61	14	75

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	Kisan mela stall prize	2017	BAU, Sabour	Certificate	
2	Best Oral presentation award, (Dr. Shobha Rani)	2017	SAID, Kathmandu	Certificate	
3	Excellence in Extension award, (Dr. Shobha Rani)	2017	SAID, Kathmandu	Certificate	
4	Excellence in Research award, (Dr. Shobha Rani)	2017	SVWS, Lucknow	Certificate	
5	Fellow Award, (Dr. Wajid Hasan)	2017	ATDS, Ghajiabad	Certificate	

6	Young Extension Worker Award, (Dr. Wajid Hasan)	2017	SAID, Ranchi	Certificate	
7	Young Extension Worker Award, (Er. Jeetendra Kumar)	2017	SAID, Ranchi	Certificate	
8	Yooung Scientist Award, (Er. Jeetendra Kumar)	2017	ICFA, Dhanbad	Certificate	

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Innovative Farmer	Sri Braj Kishore	2017	BAU, Sabour	Certificate and Shawl	Kisan Mela BAU, Sabour
2	Consolation Prize	Sri Ganesh Prasad	2017	BAU, Sabour	Certificate	Horticultural Exhibition, Kisan Mela BAU, Sabour
3	3rd prize	Sri Laxmi Kant Azad	2017	State Govt.	Certificate	State level mango diversity exhibition cum competion
4	85th Golden Jubilee Celebration of IFFCO, India	Sri Laxmi Kant Azad	2017	IFFCO	Certificate	Outstanding work in agriculture
5	Progressive farmer award during Agri Expo 11-13, Jan. 2018	Sri Laxmi Kant Azad	2018	ICAR-RCER, Patna	Momento	A step towards doubling the income, ICAR-RCER, Patna
6	Outstanding performance in agriculture field	Sri Gaurav Raj	Feb, 2018	ICAR-RCER, Patna	Certificate	18th Foundation day of ICAR
7	Best Innovative farmer	Sri Gaurav Raj	Feb, 2018	BAU, Sabour	Certificate	Regional Kisan Mela, BAU, Sabour, 24-26, Feb. 2018

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, Jaikishunbigha		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 the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Veg. Pea var. Azad P-3	• A farmer get Market price double in comparison to local one • Pod size 1.5 times in comparison to local one • Cost benefit ratio of demo. is 5.53 while in local one (farmer variety) 3.60	221120	160	
2	Dairy -Crop Production	Head to head dairy farm • Cereal (paddy, Wheat), Pulses (Lentil, Chickpea)	2.75 lakh	8	

3.	Goatry	• Goat rearing through barbari and Sirohi breed braught from CIRG, Makdum, U.P. • He followed the entire 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% increases), Sirohi crossed with black bengal goat gave increased body weight of 25-30 kg. & additional income Rs. 5000 per goat.	77000/-	38	
4.	Rice-Pulse Production + Fishery	• Rice-Pulse Production + Fishery • Scientific cultivation of chickpea, alternate source of income like Agarbatti making and fishery are source of good income	75000/-	32	

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	256	5442	-	-	Advisory through SMS Portal
II (up-to 24.04.218)	-	-			
Total					

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

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

Signature

Sr. Scientist & Head
KVK, Jehanabad

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CFLD (LENTIL) LIST : 2017-18 (RABI)

Annexure I

Sl. No.	Farmers name	Fathers name	Village	Block	Aadhar No.	Mobile No.	
1	Kamlesh Sharma	Baleshwar Sharma	Bharthu	Ghoshi	336268325555	9102996001	
2	Ajit Kumar	Lt. Ashok Kumar	Pitambar Pur	Modanganj	697984822200	7463918753	
3	Dhirendra Kumar	Ramprit Paswan	Pitambar Pur	Modanganj	697983742436		
4	Chandan Kumar	Vijay Sharma	Pitambar Pur	Modanganj	974802722315	7563872186	
5	Guddu Kumar	Abdhesh Sharma	Pitambar Pur	Modanganj	724238835941		
6	Rajkumar Paswan	Devalak Paswan	Pitambar Pur	Modanganj	313273963616	7766093714	
7	Ranjiv Kumar	Arun Kumar	Rampur Charui	Modanganj	890240963657	8709082058	
8	Ramkumar Sharma	Kapildev Sharma	Rampur Charui	Modanganj	713766966228	8521892752	
9	Ranjit Kumar	Dharmanand Sharma	Surdas Pur	Modanganj	568795837233	720711834	
10	Rajendra Singh	Lt. Bachhu Singh	Pitambar Pur	Modanganj	369435758598	9771866014	
11	Kirpanandan Sharma	Nanhak Mistri	Pahar Pur	Modanganj	493492204805	9102466003	
12	Dinesh Kumar	Sitaram Yadav	Mustafa Pur	Modanganj	852546914310	7542042401	
13	Kanchan Prabhakar	Rama Avtar bhagat	Khalish Pur	Kako	448248593473	8294369530	
14	Gulabi Prasad	Yogi Yadav	Khalish Pur	Kako	646821648601	8541025410	
15	Sapna Devi	Amit Kumar	Sakraudha	Modanganj	303611042090	9934415807	
16	Uday Kumar	Naresh Yadav	Satan Pur	Kako	255056758548	8002597715	
17	Shivnarayan Yadav	Lt. Punit Yadav	Lohgarh	Makhdum Pur	437287890095	9973138251	
18	Amrendra Kumar	Mahendra Prasad	Bandhuganj	Modanganj	388689040509	9852345417	
19	Indu Devi	Ramadhar Prasad Singh	Heridih	Makhdum Pur	512598641892	966113855	

20	Surbanshi Sharma	Lt. Munni Singh	Vaina	Modanganj	96311428443		
21	Sidhnath Prasad	Lt. Ganauri Mahto	Khalish Pur	Kako	705648591383	8084833536	
22	Arvind Kumar	Abdhesh Ram	Rukunpura	Modanganj	503460776843	9973341947	
23	Umesh Prasad yadav	Sidheshwar Prasad Yadav	Mohan Bigha	Kako	935159908265	7870962537	
24	Lila Devi	Lt. Bhushan Yadav	Gitua Bigha	Modanganj	220810332701	9852165019	
25	Pramila Kumari	Gopal Prasad	Gitua Bigha	Modanganj	420572860607	9955012851	
26	Navin Kumar	Yamuna Singh	Jagpura	Makhdum Pur	552208363729	9504624591	
27	Arvind Choudhary	Badri Choudhary	Sahpur	Ghoshi	352645079379	9631497772	
28	Kaushlendra Kumar	Lt. Binda Singh	Vaina	Modanganj		7782097225	
29	Ganesh Prasad	Lt. Tulsi Mahto	Kesho Pur	Kako	483411019247	9934152346	
30	Sachidanand Singh	Ramchandra Prasad	Safepur	Kako	692688135231	9576934180	
31	Ramswarup Kumar	Lt. Ramvilash Mahto	Safepur	Kako	692688135231	9576934180	
32	Vijay Prasad	Lt. Dwarika Prasad	Safepur	Kako	946529036985	9934886834	
33	Suresh Prasad	Lt. Ram Pratap Singh	Kesho Pur	Kako	377067635026	7071400542	
34	Balanand Prasad	Lt. Rambrish Mahto	Kesho Pur	Kako	48959400439	9204365032	
35	Surendra Sharma	Lt. Ramdeni Singh	Jaikishun Bigha	Modanganj	49050442020	8002822729	
36	Rajiv Ranjan Kumar	Jagat Narayan paswan	Thana Bigha	Modanganj	295386777514	9470700670	
37	Parmila Devi	Sidheshwar Paswan	Bandhuganj	Modanganj	692628135231	9934128691	
38	Doman Paswan	Lt. Gulteni Prasad	Khalish Pur	Kako	849355283241		
39	Rahul Kumar	Ashok Singh	Bandhuganj	Modanganj	46803656107	9504581120	
40	Rajiv Kumar	Kaushal Kishor	Vaina	Modanganj	626121085316	9110177120	
41	Sanjiv Kumar	Kashtripati Singh	Sahpur	Ghoshi	465191813515	9504255301	
42	Prabhu Dayal Prasad	Lt. Yaduvanshi Prasad	Safepur	Kako	48313475436	9199763368	
43	Tulshi Paswan	Lt. Tunnu Paswan	Saiyesta Pur	Modanganj	920509666754	8521199772	
44	Vinay Kumar	Faidar Mahto	Nonhi Math	Kako	906528328223	8084841349	
45	Dwarika Prasad	Rambilash Prasad	Safepur	Kako	2057274449447	8969926088	
46	Sunil Prasad	Lt. Janki Prasad	Safepur	Kako	584375754156	9204282464	
47	Narendra Kumar	Triveni Sharma	Ushri	Kako	774910503269	9135884943	
48	Ravi Ranjan Kumar	Mahesh Prasad	Saristabad	Modanganj	972762363482	7481963072	
49	Chandan Kumar	Ramesh Prasad	Bhoutal Bigha	Ghoshi	478684939217	5844562903	
50	Mundrika Prasad	Lt. Rambilash Mahto	Safepur	Kako	795472534096	8509857909	