KRISHI VIGYAN KENDRA

SIPAYA, GOPALGANJ

भाकृअनुप
ICAR

ANNUAL PROGRESS REPORT

(APRIL, 2018 TO MARCH, 2019)

SUBMITTED IN ZONAL LEVEL WORKSHOP

HELD AT

UBKVV, COOCHBEHAR

(08TH JUNE TO 10TH JUNE, 2019)

DIRECTORATE OF EXTENSION EDUCATION

DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY, BIHAR

PUSA (SAMASTIPUR) 848125

KRISHI VIGYAN KENDRA, SIPAYA, GOPALGANJ

ANNUAL REPORT2018-19 (April 2018 to March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
K.V.K, Sipaya Farm, P.O-Sipaya, Gopalganj (Bihar) Pin: 841501			head.kvk.sipaya@rpcau.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Dr. Rajendra Prasad Central Agricultural University, Bihar, Pusa (Samastipur)-848125	06274-240226	06274-240255	vc@rpcau.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Ramakrishna Roy		9135025137	head.kvk.sipaya@rpcau.ac.in

1.4. Year of sanction of KVK:2006

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr. Ramakrishna Roy	Sr. Scientist & Head	Animal Science	79800-199300	16.06.2015	Permanent	Others
2	Subject Matter Specialist	Shri Sanjay Kumar	SMS	Entomology	57700-144000	29.01.2018	Permanent	Others
3	Subject Matter Specialist	Dr. Md. SajidHussain	SMS	Agronomy	57700-144000	27.01.2018	Permanent	Others
4	Subject Matter Specialist							
5	Subject Matter Specialist							
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Shri Sanjeev Kumar	Programme Assistant	Soil Sc.	35400-112400	27.02.2018	Permanent	Others
9	Computer Programmer							
10	Farm Manager	Shri Ravikant Kumar	Farm Manager	Agro.	35400-112400	08.12.2017	Permanent	OBC
11	Accountant / Superintendent	Mr. PankajRai	Assistant		35400-112400	23.11.2017	Permanent	OBC
12	Stenographer	Mr. Chintu Kumar	Stenographer		25500-81100	27.02.2018	Permanent	SC
13.	Driver							
14.	Driver					22.08.2015	Permanent	Others
15.	Supporting staff	Shri Mukesh Kumar	Lab Attendant					
16.	Supporting staff							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	-
2.	Under Demonstration Units	-
3.	Under Crops	13.0
4.	Orchard/Agro-forestry	1.0
5.	Others with details	6.0
	Total	20.0

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					✓		Use	
2.	Farmers Hostel					✓		Use	
3.	Staff Quarters (6)					✓			
4.	Piggery unit								
5	Fencing					✓		Use	
6	Rain Water harvesting structure								
7	Threshing floor					✓		Use	
8	Farm godown					✓		Use	
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit					✓		use	
14.	Shade house					✓		use	
15.	Soil test Lab (mini lab)					✓		use	
16	Others,Please Specify								

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Jeep (Bolero)	2007	5.0 lakh	250060	Required to be replaced

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Moisture meter	2012	1200	Good	DSF, Dholi
Digital scale (cap 2kg)	2017	4100	Good	ICAR
E-scale (Cap 6 kg)	2017	1961	Good	ICAR
b. Farm machinery				
Tractor	2006	328738	Good	ICAR
Power weeder	2010	75000	Not working	Department of S/C
Sugar cane cutter planter	2011	72450	Good	Department of S/C
Square baler	2012	840000	Good	Government of Bihar Project under PHT &Management
Zero Till Drill			Good	
Cultivator	2017	22000	Good	ICAR
Disc Harrow	2017	43000	Good	ICAR
c. AV Aids				
Computer & Accessories	2007	70000	Good	ICAR
Handycam DCR-DVD 710E	2009	24990	Not working	ICAR
Multimedia Projector	2009	95000	Good	ICAR
Photostat machine	2009	64000	Not working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Avery balance	2009	39398	Not working	Department of S/C
Bag closer machine	2010	5400	Not working	DSF, Dholi
Sprayer hi Tech	2007	1250	Good	Department of S/C
Sprinkler System	2007	30,000	Not working	Department of S/C
Ridger	2007	8500	Good	Department of S/C
Dal maker	2007	6200	Good	Department of S/C
Hand operated fan (winnower)	2007	2850	Good	Department of S/C
Cultivator 9 tyne	2008	14500	Good	Department of S/C
Rocker Sprayer (Aspee)	2008	4100	Good	Department of S/C
Knapsack sprayer (Aspee)	2009	6000	Good	Department of S/C
Disc Plough	2010	24600	Good	Department of S/C
Disc bund former	2010	16900	Good	Department of S/C
Ridger	2010	17500	Good	Department of S/C
Power weeder	2010	75000	Good	Department of S/C

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.	28.06.2018	19	01. Seed of recent varieties of Sugarcane as per farmer requirement to be produced	01. Sugarcane variety COP 112 has been planted in spring. O2. Rajendraganna 1 to be planted in Autumn.	
			02. The ATR of SAC has to be quantitative	Will be done in upcoming SAC	
			03. Farm Trial on Direct Seeded Rice to be conducted	Is being conducted	
			04. Mushroom Trainings to be conducted and trained farmers to be used in training other farmers.	Numerous mushroom trainings on oyster mushroom and button mushroom organized, trained farmers are being utilized for mushroom	

				popularization	
			05. The work done/ event at KVK to be uploaded daily on KVK portal		
			06. Mushroom Spawn production Centre to be established at KVK.		Paucity of fund
			07. Broiler, Layer and Hatchery to be established at KVK.		Paucity of fund
			08. Hybrid seed to be incorporated in OFT on False Smut disease in Paddy.	incorporated	
			09. Training on seed Production and Processing in different crops to be imparted to farmers.	Is being done	
			10. More trainings per scientist to be conducted.	Incorporated in the action plan	
			11. Joint programmes to be organized with Agriculture and allied departments and Extension Functionaries training to be conducted with Jeevika	Numerous joint programmes have been organized	
			12. At least 12 Practising Farmers trainings to be conducted in Animal Science discipline	Incorporated in the action plan	
			13. Field Days on Frontline demonstrations and Cluster Frontline demonstrations to be increased.	Has been increased	
			14. In OFT on Plant Protection Biological control, Yellow stick Traps and Integrated Pest management.		
			15. Green fodder crop cafeteria at KVK Farm	Established	
			16. The orchard to be managed scientifically for enhancing productivity	Canopy management done, fertigation	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

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

Sl. no.	Item	Information				
1	Major Farming system/enterprise	i. Crop based farming System a. Rice-wheat b. Rice-wheat-green gram c. Sugarcane-wheat ii. Dairy iii. Poultry iv. Goat				
2	Agro-climatic Zone	Zone-I				
3	Agro ecological situation (AES)	AES	Characteristics			
		Upland	Sandy loam soil, flat topography, no water logging, calcareous soil having free calcium carbonate 30-40%, easier in tillage operation with medium water table.			
		Medium land	Soil loam in texture, flat topography, water logging for shorter period, calcareous soil with 20-30% free calcium carbonate, Low water holding capacity & good quality ground water.			
		Low land	Deep soil, clay loam texture, flat in topography, tillage operation is difficult, high water table.			
		Diara land	Soil is sandy in texture. Highly porous with poor water holding capacity.			
4	Soil type	Soil Type	Characteristics			
		Sandy Loam	Light soil, 30-40% free calcium carbonate, 7.8-8.5 pH, low fertility status, deficient in P,K,Zn,Fe,S and B with low organic carbon			
		Loam	Medium soil,20-30% free calcium carbonate, 8.0-8.5 pH, low to medium fertility status, deficient in P,K,Zn,Fe,B and S. Low in organic carbon			
		Clay Loam	Medium to heavy texture, <20% free calcium carbonate, <8.0pH, low to medium fertility status, deficient in P,Zn and S with low in organic carbon.			
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	S.N.	Crop	Area (ha)	Production (q)	Productivity (q/ha)
		1.Cereals	Rice	101250	1933875	19.10
			Wheat	96020	2477316	25.80
			Maize	9732	185395	19.05
		2. Pulses	Lentil	1840	16560	9.00

			Pigeonpea	6956	35615	5.12
			Pea	2375	18050	7.60
		3. Oilseeds	Mustard	3842	35731	9.30
			Linseed	1260	7560	6.00
		4. Cash Crop	Sugarcane	36223	16278410	449.40
			Potato	1205	229311	190.30
		5. Vegetables	Cauli flower	1903	225696	118.60
			Cabbage	1060	170342	160.70
			Tomato	1571	240834	153.30
		6.Spices	Garlic	23	1450	63.00
			Coriander	13	110	8.30

6	Mean yearly temperature, rainfall, humidity of the district	Month	Temperature (^{0} C)		Average Rainfall (mm)	Relative Humidity	
			Min Temp	Max Temp		Max	Min
		May-2018	26.53	41.02	58.1	56.53	33.79
		June-2018	27.61	38.16	51.4	70.76	54.74
		July-2018	26.14	32.99	248.8	82.48	73.64
		Aug-2018	26.10	32.45	317.0	83.45	76.52
		Sept-2018	25.32	32.23	222.8	81.85	75.39
		Oct-2018	21.52	31.84	0	74.82	67.91
		Nov-2018	14.57	28.73	0	70.76	60.66
		Dec-2018	9.80	24.62	0	75.30	59.69
		Jan-2019	6.23	23.20	3.4	77.50	57.91
		Feb-2019	11.39	26.32	20.7	67.26	46.21
		Mar-2019	16.34	32.50	5.4	51.41	30.82
		April-2019	22.18	37.49	13.0	45.50	24.71

7	Production of major livestock products like milk, egg, meat etc.	Category	Population (in '000)	Productivity
		Cattle		
		Crossbred	17.1	2000 L/lactation. 10-12 L/day
		indigenous	171.4	1000 L/lactation, 4-5 L/day
		Sheep		
		indigenous	1.1	
		Goats	216.3	10 kg meat/Goat

		Pigs		
		indigenous	7.5	
		Poultry		
		Commercial	76.7	
			Layer	280 eggs/bird
			Broiler	1.5-2 kg live wt. /bird
		Ducks	0.56	
		Fisheries		
		Farmer owned ponds	30 nos.	2.0 t/ha
		Reservoirs	229	
		Village tanks	209	
		Water spread area (ha)	997.8	
		Fish Production (in '000 tons)	2113.4	
		Yield (t/ha)	3.2	

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

Sl. No.	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Kuchaikote	Khemamtihiniya	Paddy, wheat, sugarcane, vegetables, Dairy	Cereals- traditional farming, Lack of knowledge about recommended practices, losses due to insect-pest, imbalance use of fertilizer Livestock- diseases, parasites, imbalanced feeding	Crop diversification, High value agriculture, Inclusion of pulses in cropping system, skill oriented trainings for agri-based enterprises.
2.	Kuchaikote	Amwa Bijaypur	Paddy, wheat, mustard and vegetables	Cereals- traditional farming, Lack of knowledge about recommended practices, losses due to insect-pest, imbalance use of fertilizer Livestock- diseases, parasites, imbalanced feeding	Crop diversification, High value agriculture, Inclusion of pulses in cropping system, skill oriented trainings for agri-based enterprises. Disease diagnostic services, vaccines Treatments
3.	Unchkagaon	Dahibhatta	Paddy, wheat, maize, sugarcane, mustard	Crop and livestock diseases and pests, monsoon dependent, imbalanced use of fertilizer, imbalanced feeding of livestock	Skill oriented trainings on mushroom, livestock, horticultural crops and cereals, addressing crops and livestock disease and pests,
4.	Gopalganj	Chaturbagha	Paddy, wheat, maize, sugarcane, mustard	Crop and livestock diseases and pests, monsoon dependent, imbalanced use of fertilizer, imbalanced feeding of livestock	Skill oriented trainings in High Value Agriculture especially horticulture, mushroom, farm mechanization, addressing crops and livestock disease and pests.
5.	Gopalganj	Baraipatti	Paddy, wheat, maize, sugarcane, mustard, potato	Crop and livestock diseases and pests, monsoon dependent, imbalanced use of fertilizer, imbalanced feeding of livestock	Skill oriented trainings in Rural crafts, embroidery, processing and value addition, horticulture, mushroom, farm mechanization, addressing crops and livestock disease and pests

6.	Kuchaikote	Narayanpur	Paddy, wheat, mustard, potato	Crop and livestock diseases and pests, monsoon dependent, imbalanced use of fertilizer, imbalanced feeding of livestock	Skill oriented trainings, Farm mechanization, addressing crops and livestock disease and pests

2. c. Details of village adoption programme:

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

Name of village	Block	Action taken for development
Khemmatihiniya (adopted by Sr. Scientist and Head)	Kuchaikote	i. Trainings on Dairy farming ii. Disease Diagnostic and Treatments iii. Addressing production problems in crops and livestock
Amwa Bijaypur (adopted by SMS (Agronomy)	Kuchikote	i. Trainings ii. FLDS iii. Crop and Livestock disease diagnosis and treatment
Dahibhatta (adopted by SMS (Plant Protection)	Unchkagaon	i. PF Trainings ii. FLDs on Oilseed
Chaturbagha (adopted by SMS, Horticulture)	Gopalganj	i. Data\collection
Baraipatti (adopted by SMS Home Sc.)	Gopalganj	i. Data collection ii. Trainings
Narayanpur (adopted by SMS, Ag. Engg.)	Gopalganj	i. Trainings ii. FLDs

2.1 Priority thrust areas

S. No	Thrust area
1.	Needs to sustain crop productivity through integrated crop and field management approach
2.	Crop diversification
3.	Need to increase area under Vegetables/horticultural/medicinal crops.
4.	Establishment of employment generated agri -based enterprises like seed production/Vermi culture/nursery development/poultry and dairy.
5.	Need based seed production in seed villages to meet the requirement of the district.
6.	Needs to increase cultivation of pulse/oil seed crops which is marginal in the district.
7.	Integrated Disease and pest management
8.	Integrated Nutrient management
9.	Prevention, control and treatment of livestock Diseases
10.	Awareness on deworming and vaccination
11.	Mineral supplementation and protein incorporation in livestock feed
12.	Green fodder cultivation

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
6	4	45	1				24		25		25				7	0	0	0	72	0	79	0	79

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
84	63	2178	170	47	0	0	1376	161	1546	208	1754	552	2187	2450	86	1	0	0	2138	16	2224	17	2241

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

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
378	396.7	1,00000.00	Nil

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

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Effect of Rice establishment methods of yield attributes, grain yield and income
2.	Problem diagnosed	Lack of knowledge different methods of Rice establishment causing low yield and higher cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Design: RBD Replication: 5 Treatment: 5 Crop: Rice Variety: Rajendra Bhagwati Season: Kharif2018-19 Plot Size: 500 m^2
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr RPCAU, Pusa
5.	Production system and thematic area	Irrigated crop Production
6.	Performance of the Technology with performance indicators	Details mentioned below
7.	Final recommendation for micro level situation	Direct seeding (dry bed) by seed drill resulted in low cost of cultivation
8.	Constraints identified and feedback for research	More no. of trials to be conducted for 2-3 years for final conclusion
9.	Process of farmers participation and their reaction	Trainings, field visit

Thematic area: Crop Production

Problem definition: Lack of knowledge of different methods of rice establishment causing low yield and higher cost of cultivation

Technology assessed: Cost of Production of Rice in Bihar is High due to higher cost involve in raising nursery at transplanting. Direct seeding dry bed by seed drill reduce cost of cultivation and yield achieved 35.10 q/ha is found to be at par with that of manual transplanting.

able 1: Effect of different combinations of nutrients on yield of wheat

Treatment	No. of Trials	No. of effective tillers/sq. m	No. of grains /panicle	Test wt. (g) (1000 grain)	Yield q/ ha	Gross cost (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
P.F: Manual transplanting without maintain spacing (Puddle Condition)	5	160.60	83.40	26.41	35.40	25500	54870	29370	2.15
T_1 : Manual transplanting at 20X15 cm spacing (Puddled)		175.00	87.60	27.22	37.05	27500	57428	29928	2.00
T_2: Direct seeding (dry bed) by seed drill		145.20	81.20	26.13	35.10	17700	54405	36705	3.07
T_3 : Drum seeding of sprouted seed in line at 20X15 cm spacing in wet bed.		132.40	77.80	25.76	30.20	19500	46888	27388	2.40
T_4 : Broadcasting of sprouted seed (wet bed)		111.20	70.40	25.19	25.15	18300	38983	20683	2.13
CV%		11.33	7.90	8.09	13.37	-	-	-	-
CD (P=0.05)		22.02	8.48	NS	5.84	-	-	-	-

Results: Direct seeding (dry bed) by seed drill resulted 35.1 q/ha yield which was found to be at par with that of PF and T_1 however direct seeding involve low cost of cultivation Rs. 17700.00 and higher net return Rs. 36705 and B:C 3.07 in compression to manual transplanting, drum seeding and broadcasting method of Rice establishment. Hence farmers are recommended to use direct seeding methods of Rice establishment for getting higher income and saving of labour, water and diesel.

OFT 2

1.	Title of On farm Trial	Selection of suitable intercrops in autumn planted sugarcane for higher income generation
2.	Problem diagnosed	Sole sugarcane results in low income
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	F.P.: Sugarcane (sole) T.O 1: Sugarcane + Potato (1:2) T.O. 2: Sugarcane +Rajmash (1:2) T.O 3: Sugarcane + lentil (1:2) T.O. 3: Sugarcane + Coriander (1:2) Replication: 5
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr RPCAU, Pusa
5.	Production system and thematic area	Irrigated crop Production
6.	Performance of the Technology with performance indicators	Cane equivalent Yield, Cane weight, Cane yield, BC ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Farmers are illiterate and skilled
9.	Process of farmers participation and their reaction	Trainings, field visit

Result: Awaited

OFT 3

1.	Title of On farm Trial	Assessment of different fungicides against false smut disease of paddy (Rajendra Bhagwati)
2.	Problem diagnosed	Lack of knowledge for proper selection of suitable fungicides and time of application
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Design- RBD, Replication: 5 Treatment: 4, Crop :Paddy, variety- Rajendra Bhagwati, season Kharif 2018, plot size: 500m2
4.	Source of Technology	ICAR
5.	Production system and thematic area	IDM
6.	Performance of the Technology with performance indicators	Mean ears incidence%, Yield (q/ha) and B:C
7.	Final recommendation for micro level situation	Seed treatment with carbendazim50 WP @ 2gm/kg seed + Trifloxystrobin 25% + Tebuconazole 50% (Native 75 WG @0.4gm/lit of water at 50% or 100% panicle emergence. The disease incidence of paddy was also less.
8.	Constraints identified and feedback for research	Unavailability of fungicides in local market
9.	Process of farmers participation and their reaction	Farmers are participated curiously and reacted positively

Thematic area: Integrated Disease Management
Problem definition: Lack of knowledge for proper selection of suitable fungicide and its time of application.

Technology assessed:

Treatment	No. of trials	Ear incidence %	Yield (q/ ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return	BCR
FP: Seed treatment with carbandazim 50 WP@2gm/kg seed	10	16.60 (24.04)	25.3	25800	39215	13415	1.52
. T.O.1: Seed treatment with carbendazim50 WP @2gm/kg seed + foliar spray of Copper oxychloride 50 WP@3gm/lit of water at 50% or 100% panicle emergence		10.3 (19.37)	36.6	26400	56730	30330	2.14
. TO. 2: ST with carbendazim50 WP @ 2gm/kg seed + Kresoxim methyl (Ergon 44.3 sc w/w)@0.5gm/lit of water at 50% or 100% panicle emergence		8.23 (16.64)	40.2	26550	62310	35760	2.34
TO3: Seed treatment with carbendazim50 WP @ 2gm/kg seed + Trifloxystrobin 25% + Tebuconazole 50% (Native 75 WG @0.4gm/lit of water at 50% or 100% panicle emergence		5.83 (13.94)	43.3	26500	67115	40615	2.53
Sem(±)		0.262		-		-	-
CD(P=0.05)		0.924		-		-	-

*Figure in parentheses are arcsine transform values
Market price of Paddy yield @ Rs 1550/quintal
Result: Out of the three technologies the third technology option where seed treatment with carbendazim 50 wp @ 2gm /kg seed +Trifloxystrobin 25%+ Tebuconazole 50% @ 0.4gm/lit of water at 50% and 100% panicle emergence was found most effective in terms of yield and disease incidence parameter

OFT 4

1.	Title of On farm Trial	Effect of different insecticides on management of pod borer in pigeon pea
2.	Problem diagnosed	Farmers do not follow proper or timely application of selective insecticide with recommended dose
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	F.P: Monocrotophos 36 SL @ 1000ml/ha T.O. 1: Thiodicarb 75 WP @500 g/ha T.O. 2: Novaluron 10 EC @ 800 ml/ha T.O. 3: NPV @ 300 LE /ha +pheromone trap 15 /ha Design: RBD Crop : Pigeonpea Replication: 5 Treatment: 3 Season: Kharif 2018 Area: 10,000 m^2
4.	Source of Technology	ICAR
5.	Production system and thematic area	IPM
6.	Performance of the Technology with performance indicators	Pod infestation %, Yield (q/ha), BC ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Result: Awaited

OFT 5:

1.	Title of On farm Trial	Evaluation of methods to increase conception in repeat breeders
2.	Problem diagnosed	i. Repeat breeder problem in field condition ii. Distress selling of such animal by farmer.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	F.P. : Sprouted wheat (0.5 to 1.0 Kg for a week) T.O. 1: Deworming+ Mineral Mixture (50 g/day) T.O. 2: Deworming + Mineral mixture (50 g/day) +Multivitamin liquid containing Vit A 1,20000 + Vit D3 60,000+ Vit E 480 mg +Vit H (biotin 0.5 mg + Nicotinamide 30 mg T.O. 3: Deworming + Mineral mixture + Multivitamin liquid + Clomiphene Citrate (300 mg) along with Copper sulphate 1500 mg daily for 5 days
4.	Source of Technology	TANUVAS, Chennai
5.	Production system and thematic area	Intensive Disease Management
6.	Performance of the Technology with performance indicators	Percentage of animals conceived
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Mostly the farmer sells the animal just after parturition, reason that he is fed up of feeding the animal for such a long time, the parturition provides him the opportunity to sell the animal at premium price
9.	Process of farmers participation and their reaction	i. Identifying repeat breeding cases in field through diagnostic field visits, training on reproductive problems and discussion with farmers. ii. Instruction handouts iii. Visiting and ascertaining cases.

***Thematic area*:** Disease Management
***Problem definition*:** Repeat breeding cases.
Result:

Treatments	% animals conceived
F.P. : Sprouted wheat (0.5 to 1.0 Kg for a week)	20
T.O. 1: Deworming+ Mineral Mixture (50 g/day)	60
T.O. 2: Deworming + Mineral mixture (50 g/day) +Multivitamin liquid 10 ml orally/ day for 5 days containing Vit A 1,20000 + Vit D3 60,000+ Vit E 480 mg +Vit H (biotin 0.5 mg + Nicotinamide 30 mg	60
T.O. 3: Deworming + Mineral mixture + Multivitamin liquid + Clomiphene Citrate (300 mg) along with Copper sulphate 1500 mg daily for 5 days	80

.

Result: Among all the technical options T.O.3 viz. T.O. 3: Deworming + Mineral mixture + Multivitamin liquid + Clomiphene Citrate (300 mg) along with Copper sulphate 1500 mg daily for 5 days the conception percentage was very high (80 %)

OFT 6

1.	Title of On farm Trial	Evaluation of area specific mineral mixture in cattle
2.	Problem diagnosed	Mineral deficiencies in field condition resulting in Pica, anoestrus etc.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	F.P. : Inadequate mineral supplementation T.O. 1: Area specific mineral mixture* (ICAR-RCER, Patna) T.O.2 : Commercial mixture** *Area specific mineral mixture contains: Calcium (25.46 %), Phosphorus (13.2 %) , Iron (0.16 %), Copper (0.12 %), Mn (0.16 %) , Zn (0.99 %), Co (0.02 %), Iodine (1.04 %) , Sulphur (1.04 %). ** Commercial mineral mixture contains : Calcium (21.68 %) , P (9 %), Iron (0.15 %), Copper (0.35 %), Mn (0.15 %), Mg (0.6 %), Zn (0.8 %), Co (0.015 %), Iodine (0.0325 %), Sulphur (0.72 %), K (0.01 %), Se (0.01 %), Na (0.0006 %), Cr (0.0065 %), Vitamins (Per kg vit A :7,00,000 I,U, Vit D3 :70,000 I.U, Vit E 275 mg, Nicotinamide 1000 mg)
4.	Source of Technology	ICAR-RCER, Patna
5.	Production system and thematic area	Intensive Feed Management
6.	Performance of the Technology with performance indicators	Milk yield per day pre and post treatment
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Non uniform feeding regimen of the farmers
9.	Process of farmers participation and their reaction	Field visits, trainings

Result: Awaited.

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ Demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	Crop Production	Variety COR 51	20	6	2	0	0	0	10	0	12	0	12	
2.	Sorghum	Fodder production	MP Chari	-	2	0	0	0	0	13	0	13	0	13	
3.	Berseem	Fodder Production	Mescavi	2	2	0	0	0	0	20	0	20	0	20	
4.	Oats	Fodder Production	UPO 212	2	2	1	0	0	0	11	0	12	0	12	
5.	Mushroom	Mushroom Production	Oyster	25	22	4	0	0	0	11	0	15	0	15	
6.	Mushroom	Mushroom Production	Compost +Button			0	0	0	0	7	0	7	0	7	

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					

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

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

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

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy	Crop Production	Variety (COR 51)	12	5	38.4	26.5	44			27500	59520	32020	2.16	24300	41075	16775	1.69
Sorghum	Fodder Production	Variety (MP Chari)	13	2	550	450	24			13000	55000	37000	2.8	12000	45000	33000	2.7
Oats	Fodder Production	Variety (UPO 212)	12	2	540	450	20			15000	54000	39000	2.6	14000	45000	31000	2.2
Berseem	Fodder Production	Variety(Mescav)i	12	2	640	450	42			25000	64000	29000	1.1	24000	45000	21000	0.87
		Total															

Livestock

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

Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

Fisheries

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

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	1 kg spawn/demo (5 bag/kg spawn)	15	15	7.25 kg/bag	4.6 kg/bag	57.6			300	1087	787	3.6	390	690	570	1.76
Button mushroom	1 kg spawn+1 quintal compost/demo (5kg compost/bag)	7	7	18 kg/bag	11.5 kg/bag	56.5			1190	3600	2410	3.0	1210	2300	1090	1.90

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)			
					Demons ration	Check									

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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										

Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Paddy	Short duration paddy
2.	Sorghum	In some well managed farm green fodder yield was very high (700 q/ha)
3.	Berseem	Cattle farmers who have grown berseem once continue it, but increase in acreage is difficult because farmers grow green fodder as per their landholding and cattle nos.
4.	Oats	
5.	Mushroom (oyster)	Farmers are enthusiastic and Farmers groups are also interested. Remuneration less compared to button
6.	Mushroom (Button)	More remunerative yet seasonal production is a handicap

Extension and Training activities under FLD

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

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

A. Technical Parameters:

S. N.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	No. of farmers	Area (ha)	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
	Pigeon pea	Baisakha	11.30	-119	-447	-1370	Pusa-9, Boron, herbicide, insecticide	25	10	20.9	12.7	16.8	34	6	-48

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Pusa 9	17400	64128	46728	3.68	19800	95340	755340	4.81

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.	Pusa 9	16800	13440	56.75	200	3160	Family day to day need	8

D. Pulse Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/ improvement, if any
1.	Variety Pusa 9, Boron, Herbicide, insecticide	Upland condition	Seed size, colour, test	All farmers can afford	Nil	Yes	Timely showing under assured moisture increase yield

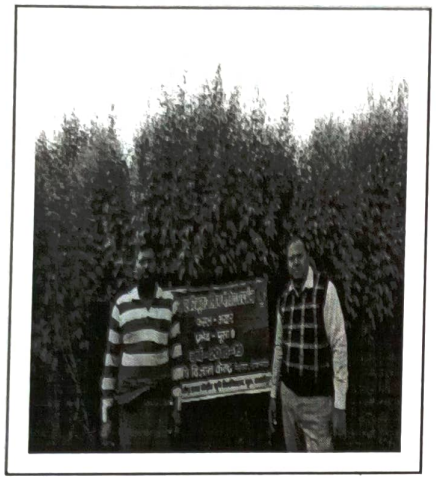
E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
High yielding	Good	Better than local check	Timely sowing under assured moisture increased yield

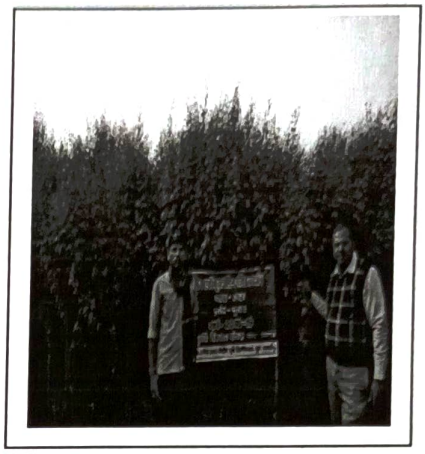
F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	04.08.18, KVK campus	25 ✓
2.	Field Visit	05.10.18 Khemmatihiniya 08.10.19 Tiwarimatihiniya 09.10.19 Bisunpura 23.01.19 Bisunpura 23.02.19 Bisunpura	25
3.	Field Day	08.01.18 Bisunpura	51

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

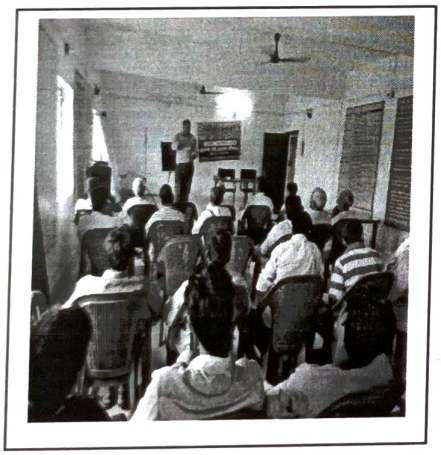


Field visit



Field Visit

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.)
Pigeonpea	i) Critical input	67, 500.00	47522.00	(+)67,600.00 (Previous year) (+)14,302.00
	ii) TA/DA/POL etc. for monitoring		3076.00	
	iii) Extension Activities (Field day)		2600.00	
	iv)Publication of literature		-	
	Total	**67,500.00**	**53198.00**	**(+)81,902**

K . Farmers' List (Pigeonpea)

S. .No.	Name of farmer	Father's name	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes /No)	Recommendation based on soil test value	Seed Qty. used
						Lat.	Long.			
1.	Sanjay Singh	Jagat Narayan Singh	Salehpur	Kuchaikot	9740478392	26034'27" N	84022'45" E	No	-	10
2.	Bijendra Shahi	Jadish Shahi	Balalri	Kuchaikote	8294261019					
3.	Mirtunjay Kumar	Kedar Nath Prasad	Rupchap	Kuchaikote	9939246426	26034'50" N	84022'58" E			
4.	Raja Ram Prasad	Sita Ram Prasad	Khem Matihiniya	Kuchaikote	8804920522	26034'35" N	84023'20" E			
5.	Narendra Kumar Ojha	Raghunath Ojha	Tiwari Matihiniya	Kuchaikote	9931411576	26033'53" N	84019'58" E			
6.	Diwaker Kumar Pandey	Jayprakash Pandey	Bisunpura	Kuchaikote	9162353982	26033'12" N	84023'16" E			
7.	Daroga Yadav	Gulli Yadav	Bisunpura	Kuchaikote	9939393527	26035'14" N	84025'18" E			
8.	Vishal Kumar Gor	Ashok Gor	Bisunpura	Kuchaikote	9570962310	26032'10" N	84022'15" E			
9.	Umesh Prasad	Ram Prasad Yadav	Bisunpura	Kuchaikote	8294264018	26033'11" N	84022'16" E			
10.	Phulmati Devi	Ram Prasad Bhagat	Bisunpura	Kuchaikote	8969010349	26036'17" N	84025'17" E			
11.	Upendra Prasad	Babu Ram Prasad	Bisunpura	Kuchaikote	7763053805	26032'13" N	84024'15" E			
12	Niteshwar Dube	Rabindra Dubey	Sipaya	Kuchaikote	9006413201	26032'21" N	84023'13" E			
13.	Sandeep Kumar		Rupchap	Kuchaikote	9631527390	26033'51" N	84021'57" E			
14.	Virendra Rai	Viswanath Rai	Sipaya Khas	Kuchaikote	8651890473	26033'21" N	84023'14" E			
15.	Wakil Chaudhary	Shiv Chaudhary	Bisunpura	Kuchaikote	9801819206	26034'12" N	84023'14" E			
16.	Hirdya yadav	Luxman Yadav	Bisunpura	Kuchaikote	9771097906	26032'10" N	84025'15" E			
17.	Lakki Verma	Barister Verma	Bisunpura	Kuchaikote	7739916542	26033'13" N	84024'17" E			
18.	Upendra Yadav	Daroga Yadav	Bisunpura	Kuchaikote	7250885374	26034'13" N	84024'16" E			
19.	Upendra Gupta	Madan Lal Gupta	Bisunpura	Kuchaikote	9572453920	26035'13" N	84024'14" E			
20.	Sonu Yadav	Shri Krishndev	Bisunpura	Kuchaikote	9939393527	26034'13" N	84024'17" E			

		Yadav								
21.	Rajiv Kumar Prasad	Anil Kumar Prasad	Khem Matihiniya	Kuchaikote	8757289600	26033'32" N	84022'20" E			
22.	Ram Pravesh Prasad	Raj Raushion Prasad	Khem Matihiniya	Kuchaikote	8804020006	26034'34" N	84023'21" E			
23.	Shambhu Ram	Parmanand Ray	Bhakhari	Kuchaikote	9006173942	26038'39" N	84029'27" E			
24.	Rajesh Kumar Pandey	Kashi nath Pandey	Amwa Gopalganj	Kuchaikote	8083067101	26032'35" N	84029'20" E			
25.	Virendra Rai	Shivnath Rai	Sipaya Khas	Kuchaikote	9801040676	26034'19" N	84022'43" E			

Crop 2: Crop (Lentil)

A. Technical Parameters:

S. N.	Crop demon strated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology Demons.	No. of farmer	Area (ha)	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
	Lentil	BR 25	7.80	150	-150	-1220	HUL 57 seed treatment with PSB+Rhizobium+Fungicide, Line sowing and application of sulphur and boron	50	20	16.6	8.90	12.75	102	37	56

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	HUL 57	12750	34905	22155	2.74	15700	57575	41875	3.67

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/ household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Man days/ house hold)
1.	HUL 57	25500	17850	44.75	50	7600	Family day to day need	16

D. Pulse Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/ improvement, if any
1.	HUL 57 seed, treatment with PSB+Rhizobium +Fungicide + Line sowing+Sulphur+ Boron	Suitable for sugarcane based intercropping sysytem	Small seed	All farmers can afford	Nil	Yes	Timely showing under assured moisture increase yield

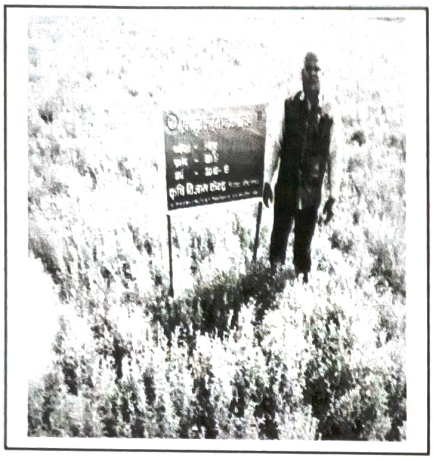
E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Lush brown colour, small grain size preferred by farmers	Good	Better than local check	Timely sowing under assured moisture increased yield

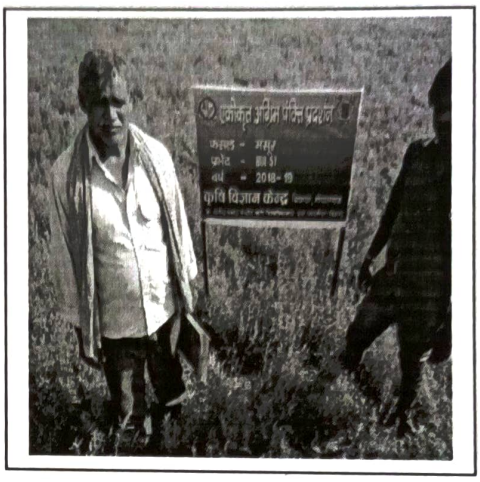
F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	15.11.18, KVK campus	30
2.	Field Visit	08.01.19 Baraipatti 09.01.19 Bisunpura 10.01.19 Amwa Bijaypur 11.01.19 Khemmatihiniya 19.01.19 Baliwan Sagar 23.01.19 Kuchaikote 01.02.19 Khematihinya 02.02.19 Shyampur 23.02.19 Kuchaikote 07.03.19 Baraipatti 12.03.19 Khemmatihiniya 27.03.19 Khemmatihiniya	45
3.	Field Day	14.03.19 Khemmatihinya	40

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

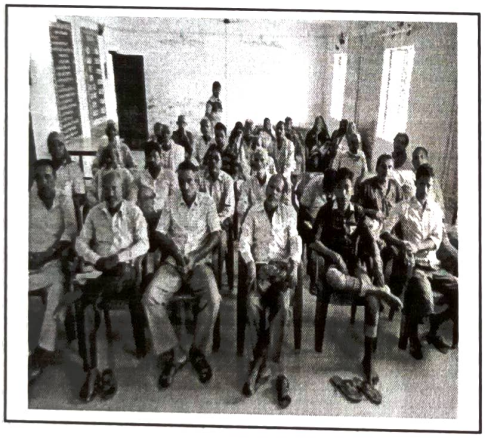


Field Visit

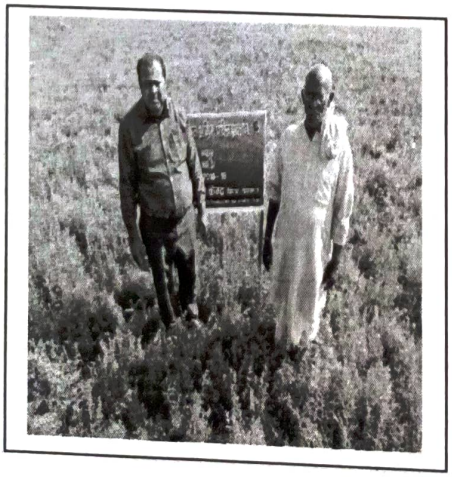


Field Visit

H. Farmers' training photographs



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



J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil	i) Critical input	1, 80000.00	87,896.00	(-) 1,07,520.00 (Previous expenditure) (+)41,000.00 (Current year)
	ii) TA/DA/POL etc. for monitoring		5500	
	iii) Extension Activities (Field day)		504.00	
	iv)Publication of literature		-	
	Total	**1,80000.00**	**93,900.00**	**(-)66,420.00**

Farmers' List (Lentil)

S No.	Name of farmer	Father's name	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes /No)	Recommendation based on soil test value	Seed qty. used
						Lat.	Long.			
1.	Shushila Devi	Vivekakanand Prasad	Bindwaliya	Kuchaikote	9570352253	26°28'42	84°20'47	No	-	12
2.	Ranjeet Kumar Yadav	Rameshwar Yadav	Baliwansagar	Kuchaikote	7011576327	26°33'52	84°19'58			
3.	Haji Noorul Hoda	Jainul Miyan	Amwan vijaypur	Kuchaikote	9931703721	26°39'33	84°55'21			
4.	Durgawati Devi	Narayan Prasad	Khem Matihiniya	Kuchaikote	9939395192	26°34'27	84°22'42			
5.	Muna Kumar Yadav	Rambli Yadav	Khem Matihiniya	Kuchaikote	9801184765	26°34'36	84°23'0			
6.	Rameshwar thakur	Ganesh Thakur	Khem Matihiniya	Kuchaikote	7277204439	26°30'32	84°23'01			
7.	Ramakant Dube	Kisundev Dube	Sipaya Dube Tola	Kuchaikote	9852536621	26°29'31	84°24'02			
8.	Bhagwati Tiwari	Gunjeshwar	Sipaya Khas	Kuchaikote	9199040575	26°34'27	84°22'42			
9.	Kamrul Hoda	Jainul MIyan	Amwa Vijaypur	Kuchaikote	90060099433	26°39'33	84°55'21			
10.	Rajesh Rai	Avadh Rai	Roopchap	Kuchaikote	8804176501	26°34'50	84°22'58			
11.	Nand lal Prasad	Saral Singh	Khem Matihiniya	Kuchaikote	9006410051	26°34'27	84°22'42			
12	Ashutosh Kumar	Sanjay Pandey	Bishunpura	Kuchaikote	9570536677	26°34'13	84°24'17			
13.	Rajesh Kumar Pandey	Kashinath Pandey	Amwa Vijaypur	Kuchaikote	9931081863	26°39'33	84°55'21			
14.	Hirdyanand Prasad		Shayampur	Kuchaikote	9576754102	26°34'45	84°23'52			
15.	Subash Chandra Tiwari	Ramchandra Tiwari	Tiwari Matihiniya	Kuchaikote	8084857103	26°33'43	84°22'42			
16.	Parduyman Sah	Amla Sah	Khem Matihiniya	Kuchaikote	9852976538	26°30'32	84°23'01			
17.	Musafir Ray	Mahesh Roy	Khem Matihiniya	Kuchaikote	9771830375	26°34'27	84°22'42			
18.	Nitin Kumar Kuswaha	Chandeshwar Prasad	Khem Matihiniya	Kuchaikote	9852059325	26°34'36	84°23'0			
19.	Santosh sharma	Lalan Sharma	Tola Sipaya	Kuchaikote	9934017648	26°34'27	84°22'42			
20.	Gudan Thakur	Sarnami Thakur	Tola Sipaya	Kuchaikote	9661033536	26°35'26	84°23'43			
21.	Pramod Kumar	Chandram Bhagat	Khem Matihiniya	Kuchaikote	7709014707	26°34'27	84°22'42			

22.	Phoolmate Devi	Ramprasad Bhagat	Bishunpura	Kuchaikote	8969010349	26°34'13	84°24'17			
23.	Dharmadev Chaudhary	Dip Chaudhary	Bishunpura	Kuchaikote	9006866432	26°34'13	84°24'17			
24.	Prabhaker Pandey	Harinarayan Pandey	Bhojchhaper	Kuchaikote	9006890880	26^{0}34'44"	84^{0}19'23"			
25.	Ramashanker Chaudhary	Laxmi Chaudhary	Katgharwa	Kuchaikote	9955217445	26^{0}38'34"	84^{0}53'22"			
26	Harendra Chaudhary	Ramayan Chaudhary	Nawadakhas	Kuchaikote	7041823042	26°38'32	84°54'19			
27	Shiv Kumar Yadav	Madeshwar	Tiwari Matihiniya	Kuchaikote	7488568076	26°33'43	84°22'42			
28	Annirul Ansari	Sagir Miyan	Durg Matihiniya	Kuchaikote	9934257755	26°34'13	84°23'17			
29	mansa Kumari	Dariga Yadav	Bisunpura	Kuchaikote	9939393527	26°34'13	84°24'17			
30	Punam Devi	Umesh Prasad	Bishunpura	Kuchaikote	8294264018	26°34'13	84°24'17			
31	Sangeeta Devi	Vijay Yadav	Bishunpura	Kuchaikote	9939393527	26°34'12	84°24'16			
32	Shanker Roy	Laxman Roy	Sipaya Khas	Kuchaikote	9973216207	26°34'27	84°22'42			
33	Amit Raj	Jaleshwar Nath Roy	Braipatti	Kuchaikote	9931594099	26°34'13	84°24'14			
34	Aadarsh Kumar Roy	Ashok Roy	Braipatti	Kuchaikote	9973002094	26°34'13	84°24'14			
35	Tribhuwamn Chaube	Nagnarayan Chaube	Vinod Matihiniya	Kuchaikote	9934821929	26°33'54	84°19'28			
36	Umashanker Yadav	Viran Yadav	Durg Matihiniya	Kuchaikote	9006755262	26°34'13	84°23'17			
37	Rampravesh Prasad	Rajroshan Prasad	Durg Matihiniya	Kuchaikote	8809020006	26°34'13	84°23'17			
38	Swaminath Prasad	Vindeshwari Prasad	Khem Matihiniya	Kuchaikote	9771719322	26°34'36	84°23'0			
39	Riteshwar Kumar	Balram Prasad	Khem Matihiniya	Kuchaikote	9801322300	26°34'35	84°23'01			
40	Swati Devi	Birendra Roy	Sipaya Khas	Kuchaikote	8651890473	26°34'24	84°21'42			
41	Ekbal Roy	Raghunath Roy	Sipaya Khas	Kuchaikote	9162581865	26°33'27	84°22'41			
42	Dinesh Roy	Dharmraj Roy	Sipaya Khas	Kuchaikote	7739620574	26°34'29	84°22'42			
43	Ajeet Kumar Tiwari	Harilal Tiwari	Bishunpura	Kuchaikote	6206709662	26°34'12	84°24'16			
44	Bayash Singh	Satnarayan Singh	Gulariya	Kuchaikote	9939051458	26^{0}34'33"	84^{0}23'20"			
45	Dhurupdeb Singh	Sihasan Singh	Gulariya	Kuchaikote	8294263362	26^{0}32'35"	84^{0}21'25"			
46	Bakil Roy		Sipaya	Kuchaikote	9117406045	26°34'27	84°22'42			
47	Manju Devi	Naresh Rawat	Kala Matihiniya	Kuchaikote	9504836861	26°33'53	84°19'58			
48	Bhulan Mushar	Mukul Mushar	Kala Matihiniya	Kuchaikote	9117403240	26°31'40	84°21'52			
49	Vakil Yadav	Vir Yadav	Kala Matihiniya	Kuchaikote	7979080814	26°35'42	84°24'55			
50	Raja Ram Prasad	Sita Ram Prasad	Khem Matihiniya	Kuchaikote	8804920522	26°34'36	84°23'0			

Oilseeds

Crop 3: Crop (Rapeseed and Mustard)

A. Technical Parameters:

S. N.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology Demons.	No. of farmer	Area (ha)	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
	Rapeseed and mustard	Panchali	11.60	242	-107	-840	R. Suflam, seed treatment with carbendazim , application of boron and sulphur	75	30	18.5	9.8	14.15	9	34	41

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	R. Suflam seed treatment with PSB, Carbendazim, application of sulphur and Boron	12300	48720	36420	3.96	13500	59430	45930	4.40

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Man days/ house hold)
1.	Rapeseed & Mustard R. Suflam	42450	38205	42.00	45.00	4200	Family need	24

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.	R.suflam seed treatment with PSB, Carbendazim, Application of Sulphur and boron	Suitable for sugarcane based intercropping sysytem	Bold grain size and high oil % age	All farmers can afford	Nil	Yes	Timely sowing increase yield

E. Specific Characteristics of Technology and Performance

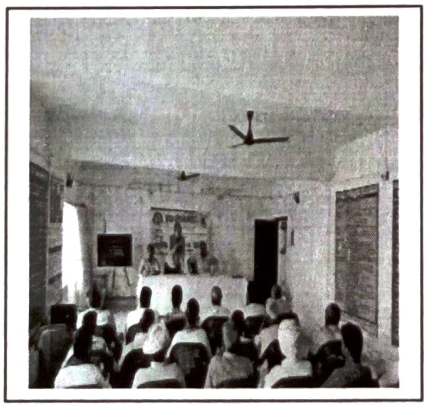
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
High yielding and suitable for sugarcane based cropping system	V. Good	Better than local check	High yield and oil percentage preferred.

F. Extension activities under FLD conducted:

S. No.	Extension Activities organized	Date and place of activity	Nos. of farmer attended
1.	Training	02.11.18 , KVK campus	35
2.	Field Visit	08.01.19 Baraipatti 09.01.19 Bisunpura 16.01.19 Khemmatihiniya 19.01.19 Baliwan Sagar 23.01.19 Kuchaikote 01.02.19 Khemmatihinya 02.02.19 Shyampur 20.02.19 Nararyanpur 23.02.19 Kuchaikote 12.03.19 Khemamtihiniya 27.03.19 Khemmatihiniya	150
3.	Field Day	16.01.19 Khemmatihinya 20.02.19 Narayanpur	69

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

H. Farmers' training photographs



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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rapeseed and Mustard	i) Critical input	1,69,500.00 (OB)	61,729.00	(+)55,895.00
	ii) TA/DA/POL etc. for monitoring		2376.00	
	iii) Extension Activities (Field day)			
	iv)Publication of literature		-	
	Return to ATARI, Patna		49,500.00	
	Total		**1,13.605.00**	**(+)55, 895.00**

Farmers' List (Oilseed) (Rapeseed and Mustard)

SL.No	Name of farmer	Father's name	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes /No)	Recommendation based on soil test value	Seed qty. used
						Lat.	Long.			
1.	Mithlesh Kumar Tiwari	Krishna Tiwari	Binod Matihiniya	Kuchaikote	7488200025	26°33'54	84°19'57	No	-	2
2.	Vishal Giri	Harishanker Giri	Shyampur	Kuchaikote	9558433193	26°34'45	84°23'52			
3.	Ramashanker Mishra	Pahwari Mishra	Srishiyan	Kuchaikote	7320960292	26°39'33	84°55'21			
4.	Ajit Kumar Giri	Vidhya Giri	Baliwan Sagar	Kuchaikote	8809815952	26°33'52	84°19'58			
5.	Maheshwar Dubey	Usay Narayan Dubey	Narayanpur	Kuchaikote	9631883373	26°32'48	84°20'49			
6.	Shrikant Kumar Dubey	Maheshwar Dubey	Narayanpur	Kuchaikote	7503812490	26°32'47	84°20'48			
7.	Raja Ram Prasad	Sita Ram Prasad	Khem Matihiniya	Kuchaikote	8804920522	26°34'36	84°23'0			
8.	Shanker Sah	Raju Sah	Khem matihiniya	Kuchaikote	7277027803	26°34'36	84°23'0.5			
9.	Ajay Dubey	Ram Vichar Dubey	Narayanpur	Kuchaikote	7086908707	26°32'10.5	84°20'3.3			
10.	Bharat Dubey	Paras Nath Dubey	Narayanpur	Kuchaikote	9931935317	26°32'8.7	84°20'2.7			

11.	Pritvi Nath Dubey	Ramprasad Dubey	Narayanpur	Kuchaikote	9801382688	26°32'8.1	84°20'1.2				
12	Prashuram Prasad	Halmun Singh	Khem Matihiniya	Kuchaikote	7766964134	26°40'33	84°53'18				
13.	Bhabhikhan Singh	Kapildev Singh	Khem Matihiniya	Kuchaikote	8809548388	26°34'36	84°23'17				
14.	Babunand Singh	Kumar Singh	Khem Matihiniya	Kuchaikote	9801040631	26°34'36	84°23'16				
15.	Amarul Hoda	Kamral Hoda	Amwa Vijaypur	Kuchaikote	8887938669	26°34'27	84°22'42				
16.	Karpuri Yadav	Sakchan yadav	Tola Sipaya	Kuchaikote	7091731813	26°34'27	84°22'42				
17.	Harikesh Prasad	Rampujay Prasad	Rupchhap	Kuchaikote	8084080613	26°34'50	84°22'58				
18.	Umesh Yadav	Lalbabu Yadav	Khem Matihiniya	Kuchaikote	9504345042	26°34'42	84°22'51				
19.	Vinay Kumar Dubey	Glorbhram Dubey	Narayanpur	Kuchaikote	8084049096	26°32'46	84°20'47				
20.	Dinesh Prasad	jatashanker Prasad	Baliwan Sagar	Kuchaikote	9934930602	26°33'52	84°19'58				
21.	Raghavendra Tiwari	Satendra Tiwari	Tiwari Matihiniya	Kuchaikote	7258806096	26°33'43	84°22'42				
22.	Tunna Kumar Yadav	Ramadhar Yadav	Tola Sipaya	Kuchaikote	9162717952	26°34'44	84°23'35				
23.	Abhishek Kumar Dubey	Ram Dubey	Narayanpur	Kuchaikote	9525870932	26°32'16.7	84°20'8.2				
24.	Haji Nurul Hoda	Jainul Miyan	Amwa Vijaypur	Kuchaikote	9931703721	26°34'28	84°22'43				
25.	Mukesh Dubey		Narayanpur	Kuchaikote	8084462121	26°32'16.7	84°20'8.2				
26	Lalan Singh		Khairtwa	Kuchaikote	9771649361	26°34'44	84°23'36				
27	Baban Prasad		Khem Matihiniya	Kuchaikote	9097968994	26°34'36	84°23'0				
28	Ravi Ranjan Kumar		Khem Matihiniya	Kuchaikote	8083788551	26°34'35	84°24'02				
29	Mithlesh Kumar Singh		Chhitauna	Kuchaikote	9661772354	26°35'40	84°27'14				
30	Dhrupdev Singh	Dharbram Singh	Panchdeori	Kuchaikote	9162354416	26°43'34	84°10'19				
31	Akhilesh Kumar Singh	Chhota Bagat	Panchdeori	Kuchaikote	9373258130	26°43'32	84°10'20				
32	Ramekbal Bhagat	Raghunand Bhagat	Panchdeori	Kuchaikote	8114580775	26°43'30	84°10'22				
33	Rita Devi	Bagendra Chauhan	Panchdeori	Kuchaikote	9631175817	26°43'31	84°10'21				
34	Amlesh Kumar	Bra Babu Bath Singh	Panchdeori	Kuchaikote	8873021412	26°43'30	84°10'19				
35	Rajeshwar Dube		Tola Sipaya	Kuchaikote	9199125209	26°34'27	84°22'42				
36	Vishal Kumar Dubey	Suresh Dubey	Narayanpur	Kuchaikote	8002295178	26°32'10.5	84°20'3.3				
37	Tarkeshwar Pandey	Rameshwar Pandey	Narayanpur	Kuchaikote	7250220111	26°32'8.7	84°20'2.7				
38	Birbahadur Dubey	Ram Chandra Dubey	Narayanpur	Kuchaikote	9939496117	26°32'8.1	84°20'1.2				
39	Tarkehswar Yadav	Pramatma Yadav	Khem Matihiniya	Kuchaikote		26°34'32	84°24'01				
40	Dilip Kumar Yadav	Nagendra yadav	kala Matihiniya	Kuchaikote	7277113639	26°33'53	84°19'59				
41	Anil Kumar Yadav	Ramashanker Yadav	Bindwalia	Kuchaikote	9162889499	26°28'42	84°20'47				
42	Navin Prakash Mishra	Taneshwar Mishra	Bindwalia	Kuchaikote	7634952351	26°28'41	84°20'45				
43	Krishkant Yadav	Harishanker Prasad	Bindwalia	Kuchaikote	9662689036	26°28'43	84°20'41				
44	Bhola Dubey	Ramchand Yadav	Narayanpur	Kuchaikote	8292153487	26°32'46	84°20'47				
45	Satendra Yadav	Lal Bihari	Khem Matihiniya	Kuchaikote	9939042014	26°34'33	84°24'02				
46	Pramod Kumar	Chandramoha n Bhagat	Khem Matihiniya	Kuchaikote	7709014707	26°34'31	84°24'01				
47	Janardan Dubey	Pandit Dubey	Narayanpur	Kuchaikote	9661102647	26°33'52	84°19'42				
48	Rampravesh Baitha	Pheku Baitha	Kuchaikot	Kuchaikote	9801391137	26°33'50	84°19'56				
49	Ajay Kumar Singh	Binod Singh	Kuchaikot	Kuchaikote	9771123252	26°33'50	84°19'56				
50	Ramanand Sah	Sunil Sah	Kuchaikot	Kuchaikote	9771204238	26°33'53	84°19'54				

51	Badrinath Dube	Sri Ram Dubey	Kuchaikot	Kuchaikote	9931570868	26°33'56	84°19'55			
52	Jitendra Choubey	Boli Choubey	Kuchaikot	Kuchaikote	9934655108	26°33'49	84°19'52			
53	Abhiram Choubey	Master Choubey	Kuchaikot	Kuchaikote	7320834213	26°33'50	84°19'56			
54	Santosh Choubey	Indrajeet	Kuchaikot	Kuchaikote	8298215209	26°33'53	84°19'57			
55	Harinath Dubey	Krishnadev Dubey	Sipaya Tola	Kuchaikote	8002215661	26°34'27	84°22'42			
56	Vivek Kumar Rai	Mithlesh Kumar Rai	Baraipatti	Kuchaikote	9852407069	26°34'13	84°24'14			
57	Uma Devi	Chandram Bhagat	Khem Matihiniya	Kuchaikote		26°34'34	84°24'05			
58	Niteshwar Dubey	Ravindra Dubey	Tola Sipaya	Kuchaikote	9006413291	26°34'29	84°22'44			
59	Vijay Prakesh Gupta	Sudama Prasad	Khem Matihiniya	Kuchaikote	9852626615	26°34'31	84°24'02			
60	Manoj Kumar	Viokram Prasad	Bishambhar pur	Kuchaikote	8507272056	26°34'13	84°24'17			
61	Sugandh Kumar Kuswaha	Panchdev Prasad	Khem Matihiniya	Kuchaikote	9504635042	26°34'33	84°24'04			
62	Mukesh Kumar	Birbahadur Prasad	Khem Matihiniya	Kuchaikote	9661021066	26°34'32	84°24'01			
63	Shayamjee Kumar	Bahadur Prasad	Khem Matihiniya	Kuchaikote	8521368734	26°34'35	84°24'06			
64	Lakshmi Devi	Rampravesh Prasad	Khem Matihiniya	Kuchaikote	8804020006	26°34'32	84°24'02			
65	Bulet Kumar	Shankar Sah	Khem Matihiniya	Kuchaikote	8130145794	26°34'31	84°24'01			
66	Ajayshanker Prasad	Suvpuhjan Prasad	Khem Matihiniya	Kuchaikote	9162599541	26°34'30	84°24'00			
67	Niraj Kumar	Baban Singh	Khem Matihiniya	Kuchaikote	8804588947	26°34'36	84°24'04			
68	Panjeet Kumar Yadav	Rameshwar Yadav	Baliwan Sagar	Kuchaikote	7011576327	26°33'52	84°19'58			
69	Sujeet Kumar	Manoj Singh	Hirapakar	Kuchaikote	9939862631	26°54'52	84°32'28			
70	Madan Yadav	Vishwni Yadav	Khem Matihiniya	Kuchaikote	9572751550	26°34'35	84°24'06			
71	Naveen Kumar Pathak	Prakash Pathak	Kuchaikot	Kuchaikote	8077192615	26°33'56	84°19'55			
72	Omprakash Pathak	Suresh Pathak	Kuchaikot	Kuchaikote	8757499899	26°33'54	84°19'52			
73	Hiradayanand Prasad		Shayampur	Kuchaikote	9576754102	26°34'45	84°23'36			
74	Gudan Thakur	Sarrami Thakur	Tola Sipaya	Kuchaikote	9661053536	26°34'27	84°22'42			
75	Santosh Sharma	Lalan Sharma	Tola Sipaya	Kuchaikote	9934017648	26°34'24	84°22'40			

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	1	28	0	28	4	0	4	0	0	0	32	0	32
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	4	104	2	106	14	0	14	0	0	0	118	2	120
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts	1	0	16	16	0	11	11	0	0	0	0	27	27

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any Farm Mechanization	2	47	0	47	4	0	4	0	0	0	51	0	51
VII. Plant Protection													
Integrated Pest Management	1	22	0	22	2	1	3	0	0	0	24	1	25
Integrated Disease Management	1	27	0	27	2	0	2	0	0	0	29	0	29
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any Mushroom Production	1	10	4	14	1	6	7	0	0	0	11	10	21
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**11**	**238**	**22**	**260**	**27**	**18**	**45**	**0**	**0**	**0**	**265**	**40**	**305**

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	4	92	6	98	7	1	8	0	0	0	99	7	106
Bee-keeping													
Integrated farming													
Seed production	1	19	0	19	2	0	2	0	0	0	21	0	21
Production of organic inputs	1	20	2	22	4	0	4	0	0	0	24	2	26
Integrated Farming	1	16	8	24	4	6	10	0	0	0	20	14	34
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	1	21	0	21	5	0	5	0	0	0	26	0	26
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	1	34	0	34	0	0	0	0	0	0	34	0	34
Sheep and goat rearing	1	12	10	22	2	8	10	0	0	0	14	18	32
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	21	0	21	3	0	3	0	0	0	24	0	24

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
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	1	10	22	32	2	0	2	0	0	0	12	22	34
TOTAL	**12**	**245**	**48**	**293**	**29**	**15**	**44**	**0**	**0**	**0**	**274**	**63**	**337**

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													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													

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 use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL													

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	28	0	28	4	0	4	0	0	0	32	0	32
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	1	20	0	20	5	0	5	0	0	0	25	5	30
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	7	161	6	167	21	3	24	0	0	0	182	9	191
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	16	12	28	0	0	0	0	0	0	16	12	28
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)	1	18	0	18	7	0	7	0	0	0	25	0	25
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	1	20	0	20	5	0	5	0	0	0	25	0	25
Management of young plants/orchards	1	25	0	25	2	0	2	0	0	0	27	0	27
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	1	24	0	24	3	0	3	0	0	0	27	0	27
Piggery Management													
Rabbit Management													
Disease Management	3	69	4	73	5	0	5	0	0	0	74	4	78
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	45	45	0	7	7	0	0	0	0	52	52
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													

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
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	23	3	26	0	0	0	0	0	0	23	3	26
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology	1	19	0	19	4	0	4	0	0	0	23	0	23
Others, if any Farm Mechanization	1	28	0	28	0	0	0	0	0	0	28	0	28
VII. Plant Protection													
Integrated Pest Management	10	210	9	219	15	2	17	0	0	0	225	11	236
Integrated Disease Management	1	24	0	24	1	0	1	0	0	0	25	0	25
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any Mushroom	1	19	9	28	0	2	2	0	0	0	19	11	30
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													

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
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	**33**	**704**	**88**	**792**	**72**	**14**	**86**	**0**	**0**	**0**	**776**	**107**	**883**

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 (IPM)	1	27	0	27	2	0	2	0	0	0	29	0	29
Seed production	1	20	0	20	5	0	5	0	0	0	25	0	25
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													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail 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
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	**2**	**47**	**0**	**47**	**7**	**0**	**7**	**0**	**0**	**0**	**54**	**0**	**54**

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	5	142	3	145	35	0	35	0	0	0	177	3	180
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													

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
Crop intensification													
TOTAL	5	142	3	145	35	0	35	0	0	0	177	3	180

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	28	0	28	4	0	4	0	0	0	32	0	32
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	1	20	0	20	5	0	5	0	0	0	25	5	30
Integrated Crop Management	1	28	0	28	4	0	4	0	0	0	32	0	32
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	11	265	8	273	35	3	38	0	0	0	300	11	311
TOTAL	**14**	**341**	**8**	**349**	**48**	**3**	**51**	**0**	**0**	**0**	**389**	**16**	**405**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	16	12	28	0	0	0	0	0	0	16	12	28
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)	1	18	0	18	7	0	7	0	0	0	25	0	25
TOTAL	**2**	**34**	**12**	**46**	**7**	**0**	**7**	**0**	**0**	**0**	**41**	**12**	**53**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	20	0	20	5	0	5	0	0	0	25	0	25
Management of young plants/orchards	1	25	0	25	2	0	2	0	0	0	27	0	27
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL	2	45	0	45	7	0	7	0	0	0	52	0	52
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL	4	79	12	91	14	0	14	0	0	0	93	12	105
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													

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 Management	1	24	0	24	3	0	3	0	0	0	27	0	27
Piggery Management													
Rabbit Management													
Disease Management	3	69	4	73	5	0	5	0	0	0	74	4	78
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL	**4**	**93**	**4**	**97**	**8**	**0**	**8**	**0**	**0**	**0**	**101**	**4**	**105**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	45	45	0	7	7	0	0	0	0	52	52
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts	1	0	16	16	0	11	11	0	0	0	0	27	27
Capacity building													
Women and child care													
Others, if any													
TOTAL	**3**	**0**	**61**	**61**	**0**	**18**	**18**	**0**	**0**	**0**	**0**	**79**	**79**
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	23	3	26	0	0	0	0	0	0	23	3	26
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology	1	19	0	19	4	0	4	0	0	0	23	0	23
Others, if any Farm Mechanization	3	75	0	75	4	0	4	0	0	0	79	0	79
TOTAL	**5**	**117**	**3**	**120**	**8**	**0**	**8**	**0**	**0**	**0**	**125**	**3**	**128**
VII. Plant Protection													
Integrated Pest Management	10	232	9	241	17	3	20	0	0	0	249	12	261
Integrated Disease Management	2	51	0	51	3	0	3	0	0	0	54	0	54
Bio-control of pests and diseases													
Production of bio control agents													

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
and bio pesticides													
Others, if any Mushroom Production	2	29	13	42	1	8	9	0	0	0	30	21	51
TOTAL	**14**	**290**	**22**	**312**	**19**	**10**	**29**	**0**	**0**	**0**	**309**	**32**	**341**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													

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
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	**44**	**942**	**110**	**1052**	**99**	**32**	**131**	**0**	**0**	**0**	**1041**	**142**	**1183**

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	4	92	6	98	7	1	8	0	0	0	99	7	106
Bee-keeping													
Integrated farming	2	43	8	51	6	6	12	0	0	0	49	14	63
Seed production	2	39	0	39	7	0	7	0	0	0	46	0	46
Production of organic inputs	1	20	2	22	4	0	4	0	0	0	24	2	26
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	1	21	0	21	5	0	5	0	0	0	26	0	26
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	1	34	0	34	0	0	0	0	0	0	34	0	34
Sheep and goat rearing	1	12	10	22	2	8	10	0	0	0	14	18	32
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	21	0	21	3	0	3	0	0	0	24	0	24
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													

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 scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	1	10	22	32	2	0	2	0	0	0	12	22	34
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	**14**	**292**	**48**	**340**	**36**	**15**	**51**	**0**	**0**	**0**	**328**	**63**	**391**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Course	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	5	142	3	145	35	0	35	0	0	0	177	3	180
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	**5**	**142**	**3**	**145**	**35**	**0**	**35**	**0**	**0**	**0**	**177**	**3**	**180**

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

Discipline	Clientele	Title of the training programme	Duration in day	Venue (Off /On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
25.04.18	PF	Scientific cultivation of spring sugarcane	1	off	22	0	22	2	0	2
19.06.18	PF	Importance of micronutrient viz Zn in paddy cultivation	1	off	24	6	30	4	3	7
21.06.18	PF	Nursery management in paddy	1	off	25	0	25	5	0	5
04.07.18	PF	Technique of raising paddy in SRI method	1	off	25	0	25	0	0	0
02.08.18	PF	Scientific cultivation of Kharif Maize	1	off	28	1	29	6	0	6
04.08.18	PF	Scientific cultivation of Arhar	1	on	25	0	25	5	0	5
05.09.18	PF	Nutrient Management in Paddy crop	1	on	32	0	32	4	0-	4
02.11.18	PF	Scientific Cultivation of Rabi Oilseed (Mustard)	1	on	34	1	35	3	0	3
15.11.18	PF	Scientific Cultivation of Rabi Pulses	1	on	30	0	30	4	0	4
20.12.18	PF	Weed Management in Rabi crop	1	off	32	0	32	4	0	4
03.01.19	PF	Ratoon management in Sugarcane	1	off	23	2	25	5	0	5
10.01.19	PF	Scientific Cultivation of spring sugarcane	1	off	30	0	30	3	0	3
22.02.19	PF	Scientific cultivation of spring sugarcane	1	off	30	0	30	1	0	1
16.03.19	PF	Scientific cultivation of green gram	1	on	29	1	30	2	0	2
Plant Protection										
28.04.18	PF	IPM in green gram	1	off	26	0	26	8	0	8
07.05.18	PF	IPM in vegetable Crop	1	off	28	4	32	2	1	3
05.06.18	PF	IPM in paddy crop	1	off	24	2	26	2	0	3
27.06.18	PF	Mushroom production	1	off	19	11	30	0	2	3
09.07.18	PF	IPM in paddy crop	1	off	19	6	25	0	0	0
18.07.18	PF	IPM in paddy crop	1	off	27	0	27	0	0	0
29.08.18	PF	IPM in vegetable crop	1	off	31	0	31	1	0	1
31.08.18	PF	Management of insect pests of Mango and Litchi crop	1	off	23	0	23	0	0	0
11.10.18	PF	Different methods of seed treatment in Pulse crops	1	off	25	0	25	1	0	1
28.11.18	PF	Seed treatment in Rabi crop	1	on	29	0	29	2	0	2
28.12.18	PF	Mushroom cultivation	1	on	11	10	21	2	0	2
08.01.19	PF	Management of major insect pest of mango and litchi	1	off	21	0	21	0	0	0
18.03.19	PF	Management of pest and disease in moong crop	1	off	24	1	25	2	1	3
Animal Science										
28.04.18	PF	Bio-security	1	off	25	1	26	4	0	4

28.0818	PF	Control of Parasitic diseases in dairy animals	1	off	24	3	27	0	0	0
22.01.19	PF	Poultry Production by FPO	1	off	27	0	27	3	0	3
26th-27th Feb, 2019	PF	Reproductive problem in Cattle	2	off	25	0	25	1	0	1
Horticulture										
10.01.19	PF	Management of mango orchard	1	off	27	0	27	2	0	2
27.02.19	PF	Nutrients management in horticultural crops	1	off	16	12	28	0	0	0
28.02.19	PF	Cultivation of Guava	1	off	25	0	25	5	0	5
18.03.19	PF	Scientific cultivation of summer vegetables	1	off	25	0	25	7	0	7
Agriculture Engineering										
30.11.18	PF	Farm mechanization and Calibration of ZT seed cum fertilizer drill	1	on	30	0	30	4	0	4
04.01.19	PF	Introduction to farm mechanization	1	on	21	0	21	0	0	0
07.01.19	PF	Sugarcane mechanization	1	off	23	0	23	4	0	4
27.02.19	PF	Special farm machines for sugarcane	1	off	28	0	28	0	0	0
19.03.19	PF	Irrigation technologies in summer vegetables	1	off	23	3	26	0	0	0
Home Science										
16.01.19	PF	Food groups and their function for healthy diet	1	off	0	25	25	0	2	2
26.02.19	PF	Paper Bag making	1	on	0	27	27	0	11	11
18.03.19	PF	Nutrition Garden	1	off	0	27	27	0	5	5
Agronomy										
22.05.18	RY	Direct Seeded Rice cultivation technique	1	off	20	5	25	5	0	5
5th-7th July, 2018	RY	Different IFS model for small and marginal farmers' income	3	on	20	14	34	4	6	10
26th-28th Sept, '18	RY	Technique of vermicomposting for higher income generation	3	on	24	6	30	4	0	4
29.01.19	RY	INM in Rabi crops	1	on	21	0	21	2	0	2
Plant Protection										
6th -8th Aug, 18	RY	Mushroom cultivation	3	on	27	1	28	1	0	1
23rd-27th Oct, '18	RY	Button mushroom production	5	on	20	6	26	2	1	3
14.12.18	RY	Button mushroom cultivation	1	on	25	1	26	2	0	2
21.12.18	RY	Management of major insect pest in rabi crops	1	off	29	0	29	2	0	2
14th-16th Jan, '19	RY	Mushroom cultivation	3	on	26	0	26	2	0	2
Animal Science										
9th-12th July, '18	RY	Goat production	4	on	14	18	32	2	8	10
7th-11th Jan, '19	RY	Cattle Production	5	on	34	0	34	0	0	0
12th-16th March, '19	RY	Poultry Production	5	on	24	0	24	3	0	3
Horticulture										
23rd-25th	RY	Nursery management of	3	on	26	0	26	5	0	5

Jan, '19		mango, litchi and guava								
Home Science										
24.01.19	RY	Training of handicrafts for raising income of rural youth	1	on	12	22	34	2	0	2
Agronomy										
09.10.18	EF	ZT method of wheat production	1	off	28	4	32	4	0	4
12.10.18	EF	ZT method of Wheat production	1	off	68	0	68	15	0	15
19.01.19	EF	INM in Rabi crops	1	off	23	2	25	4	0	4
Plant Protection										
14.09.18	EF	IPM in Kharif crop	1	off	35	0	35	11	1	12
10.01.19	EF	Management of store grain pest of cereals and pulses crop	1	off	30	1	31	3	0	3

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client PF/ RY/ EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total
1	Soil Sampling technique	Soil and water testing	April '18	1	EF	1	400	20	0	10	6	0	410	26	0	436	ATMA Gopalganj
2	IPM in Kharif crops	IPM	May '18	1	PF	1	250	30	0	10	10	0	260	40	0	300	ATMA Gopalganj
3	IPM in Kharif crops	IPM	May '18	1	EF	1	50	20	0	10	9	0	60	29	0	89	JDA Saran
4	IPM in Kharif crops	IPM	May '18	1	EF	1	220	50	0	10	6	0	230	56	0	286	ATMA Gopalganj
5	IPM in Kharif crops	IPM	May '18	1	PF	1	190	6	0	10	2	0	208	0	0	208	ATMA Gopalganj
6	IPM in Kharif crops	IPM	May '18	1	PF	1	200	30	0	50	5	0	250	55	0	255	ATMA Gopalganj
7	IPM in Kharif crops	IPM	May '18	1	PF	1	200	26	0	35	5	0	226	40	0	266	ATMA Gopalganj
8	IPM in Kharif crops	IPM	May '18	1	PF	1	150	35	0	20	8	0	185	28	0	213	ATMA Gopaganj
9	IPM in kharif crops	IPM	May '18	1	PF	1	300	2	0	10	8	0	302	18	0	320	ATMA Gopalganj
10	Scientific cultivation of kharif crops	Cultivation of crop	May '18	1	PF	1	35	5	0	3	2	0	38	7	0	45	ATMA Gopalganj
11	Scientific cultivation of kharif crops	Cultivation of crop	May '18	1	PF	1	80	12	0	10	3	0	90	15	0	105	ATMA Gopalganj
12	Scientific cultivation of kharif crops	Cultivation of crop	May '18	1	PF	1	300	47	0	2	1	0	302	48	0	350	ATMA Gopalganj
13	Scientific cultivation of kharif crops	Cultivation of crop	May '18	1	PF	1	145	33	0	10	2	0	155	35	0	190	ATMA Gopalganj
14	Scientific cultivation of kharif crops	Cultivation of crop	May '18	1	PF	1	140	28	0	8	4	0	148	32	0	180	ATMA Gopalganj
15	Scientific cultivation of kharif cops	Cultivation of crop	May '18	1	EF	1	400	28	0	2	0	0	402	28	0	430	ATMA Gopalganj

16	Scientific cultivation of kharif crops	Cultivation of crop	May '18	1	PF	1	700	125	0	33	12	0	733	137	0	870	ATMA Gopalganj
17.	Neem Plantation	Production and use of organic input	July '18	1	EF	1	40	0	0	25	0	0	65	0	0	65	IFFCO Gopalganj
18	Rabi fodder crops	Feed Management	Oct '18	1	EF	1	750	240	0	15	10	0	990	25	0	1015	JDA, Saran
19	Livestock diseases	Disease Management	Oct, '18	1	PF	1	300	40	0	25	15	0	340	40	0	380	ATMA Gopalganj
20	Livestock diseases	Disease Management	Oct '18	1	PF	1	200	20	0	20	10	0	220	30	0	250	ATMA Gopalganj
21	Livestock diseases	Disease Management	Oct '18	1	PF	1	200	30.	0	50	20	0	230	70	0	300	ATMA Gopalganj
22	Livestock Diseases	Disease Management	Oct '18	1	PF	1	300	60	0	100	40	0	360	140	0	500	ATMA Gopalganj
23	Rabi Fodder crops	Feed Management	Oct '18	1	PF	1	310	25	0	250	35	0	335	285	0	620	ATMA Gopalganj
24	ZT for sowing of wheat crop, repair and maintenance of ZT	RCT	Oct'18	1	PF	1	120	40	0	45	20	0	160	65	0	225	ATMA Gopalganj
25	ZT for sowing of wheat crop, repair and maintenance of ZT	RCT	Oct '18	1	PF	1	150	65	0	50	35	0	215	85	0	300	ATMA Gopalganj
26	ZT for sowing of wheat crop, repair and maintenance of ZT	RCT	Oct '18	1	PF	1	95	50	0	45	25	0	145	70	0	215	ATMA Gopalganj
27	ZT for sowing of wheat crop, repair and maintenance of ZT	RCT	Oct'18	1	PF	1	150	50	0	40	20	0	200	60	0	260	ATMA Gopalganj
28	Scientific cultivation of Rabi crops	Cultivation of crop	Oct '18	1	PF	1	300	40	0	25	15	0	340	40	0	380	ATMA Gopalganj

29	Scientific cultivation of Rabi crops	Cultivation of crop	Oct '18	1	PF	1	275	25	0	30	10	0	300	40	0	340	ATMA Gopalganj
30	Scientific management of Rabi and summer crops in Taal Diara area	Cultivation of crop	Dec'18	1	PF	1	120	20	0	7	3	0	140	10	0	150	ATMA Gopalganj
31	Mushroom Cultivation	Mushroom Production	Dec'18	1	PF	1	31	1	0	1	7	0	32	8	0	40	DHO Gopalganj
32.	Livestock Diseases	Disease Management	Dec '18	1	PF	1	900	50	0	35	15	0	950	50	0	1000	IFFCO Gopalganj
33	Farm Mechanization	Farm Mechanizati on	Jan '19	1	PF	1	200	50	0	40	10	0	240	60	0	300	DAO, Gopalganj
34	Farm Mechanization	Farm Mechanizati on	Jan '19	1	PF	1	225	75	0	50	25	0	275	100	0	375	DAO Gopalganj
35	Farm mechanization in taaal diara area	Farm Mechanizati on	Jan '19	1	PF	1	45	0	0	15	0	0	50	0	0	50	ATMA Gopalganj
36	IFFCO Kisan Mitra samooh Prasikshan Karyakram	Soil Fertility Management	Feb '19	1	PF	1	50	4	0	0	0	0	54	0	0	54	IFFCO Gopalganj
37	Cultivation of spring sugarcane	Cultivation of crop	Feb '19	1	PF	1	210	28	0	12	0	0	238	12	0	250	ATMA Gopalganj
38	Cultivation of summer moong	Crop diversificatio n	Feb'19	1	PF	1	230	20	0	10	0	0	250	10	0	260	ATMA Gopalganj
39	Seed Production technique in Pulse crops	Seed Production	March'1 9	1	PF	1	20	3	0	5	2	0	23	7	0	30	NABARD Gopalganj
40	Seed production technique in crops	Seed Production	March '19	1	PF	1	70	4	0	20	6	0	74	26	0	100	BSSOC Patna
Total				**40**		**40**	**9051**	**1437**	**0**	**1148**	**406**	**0**	**10225**	**1827**	**0**	**12002**	

18-19

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		Male	Female	Total	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	7	273	7	280	14	10	0	10	290	0	300
KisanMela	3	686	34	720	10	5	0	5	691	34	725
KisanGhosthi	2	92	0	92	10	7	0	7	99	0	99
Exhibition											
Film Show	2	173	168	341	5	10	0	10	183	168	351
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons	14	94	0	94		0	0	0	94	0	94
Advisory Services											
Scientific visit to farmers field		834	4	838	5	10	0	10	844	4	848
Farmers visit to KVK		1290	12	1302	6	0	0	0	1290	12	1302
Diagnostic visits											
Exposure visits	2	180	45	225	5	4	0	4	184	45	229
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Vaccination Camp	2	7	5	12		0	0	0	7	5	12
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
MahilaMandals Conveners meetings											
Celebration of important days (specify)											
World Soil Day	1	50	0	50	5	8	0	8	58	0	58
Kisan Diwas	1	32	8	40	5	5	0	5	37	8	65
Mahila Kisan Divas	1	0	54	54	15	6	0	6	54	6	60
International Women Day	1	0	50	50	5	6	0	6	6	54	60
Farmer Scientist Interaction	1	154	46	200		15	1	16	169	47	216
Total											

37

4419

11002

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	10
Radio talks	-
TV talks	-
Popular articles	-
Extension Literature	-
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			
					SC	ST	Other	Total
Total								

KVK farm

S. No.	Crop	Variety	Area (ha)	Quantity of seed (q)	Type of seed	Seed (q) sold to			Value (Rs)	Number of farmers to whom seed provided			
						Univ	Farmers	Non seed		SC	ST	Other	Total
1	Wheat	HD 2733	2.0	56.5	BS	56.5	-	-					
2	Wheat	HD2733	4.0	150.5	FS	150.5	-	-					
3	Gram	BG372	1.0	9.0	BS	9.0	-	-					
4	Pea	HFP 14	0.4	11.0	FS	0.4							
5.	Green Gram	PDM139	2.0	4.10	FS	4.10							
6.	Paddy	Shahbhagi	2.0	65.20	FS	65.20							
7.	Paddy	R. Bhagwati	4.0	100.4	FS	100.4							
8.	Sugarcane	COP2061	2.0	Non seed		939.15		Sugar mill					
9.	Rapeseed	R. suflam	1.0	7.58	TL		5.58	2.0					
Grand Total			18.4			1325.5	5.58	2.0					

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower							
Cabbage							
Tomato							
Brinjal							
Chilli							
Onion							
Others							
Fruits							
Mango							
Guava							
Lime							
Papaya							
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total							

Production of Bio-Products

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

Production of livestock materials

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

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

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

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	Response of nutrients in submergence prone rainfed low land rice ecosystem with different food histories	Ranjan Laik, Santosh Kumar Singh, Bipin Kumar, Kumara BH, Nidhi, Anupama Kumari, **Md. Sajid Hussain,** Hemchandra Choudhary, Sudhansu Singh and Virendra Kumar	56 (1), pp 61-67	
Seminar/conference/ symposia papers	Effect of timely seeding is weakened by poor irrigation and weed management	**Ramakrishna Roy,** Prabhat Kumar, **Md. Sajid Hussain,** Moben Ignatius	Poster presented at CSISA annual workshop 9th-10th Dec, 2018	-
	Sheep rearing practices and common diseases in J & K	**Ramakrishna Roy** and Pankaj Kumar	Paper presented at "National seminar on current Scenario and future strategies for augmenting productivity in small ruminants" held at BASU from 14th-16th Feb, 2019.	
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training	CSISA –KVK Diagnostic	Dr. Ramakrishna Roy Sr. Sc. And Head	15-17th May, 2018	Dr RPCAU, Pusa
			Dr. Md. Sajid Hussain SMS (Agronomy)		
2	Training	PFMS	Dr Ramakrishna Roy Sr. Sc and Head)	3rd-4th July, 2018	Dr RPCAU, Pusa
			Shri Sanjay Kumar SMS (Entomology		
			Shri Pankaj Rai Asistant		
3.	Training	Rejuvenation of senile orchard and plant canopy management in litchi	Dr. Md. Sajid Hussain SMS (Agronomy)	29thsept-1st Oct, 2018	Dr RPCAU, Pusa
			Shri Ravikant kumar Farm Manager		
			Shri Sanjeev Kumar Lab Tech		
4.	Orientation	State orientation on Ankuran Scale Up	Dr. Ramakrishna Roy Sr. Sc and Head	21st-22nd Dec, 2018	Dr RPCAU, Pusa

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

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

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

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

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

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

b. Give details of organic farming practiced by the farmer

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

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

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

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

Sl. No	Name of the Equipment	Qty.
1.	Mridaparikshak	1

3.11.b. Details of samples analyzed so far

:

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
25			25	12	Nil

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.	Farmers training and SHC distribution	50	Nil	Nil	1229 farmers (through Distt. Ag.)	1256

The world Soil Day celebration at KVK, Gopalganj was organized of 5th December 2018.

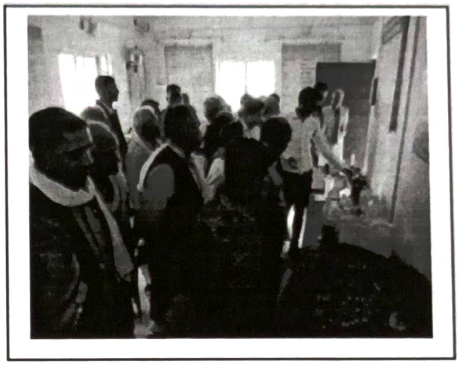
One Hundred Eighty Seven Soil samples (grid wise) had been collected from the Panchayats of Gopalganj District through district agriculture department. Out of these samples , Fifty samples were analysed by the soil science department Dr. RPCAU, Pusa, Samastipur the previous year and the soil analysis report submitted to the district agriculture department for Soil Health Card printing and distribution on the occasion of world soil day 2017.

This year the remaining One Hundred Thirty Seven samples (of 1229 farmers) were analyzed by the Soil Science department, Dr RPCAU, Pusa and the analysis report submitted to the district agriculture

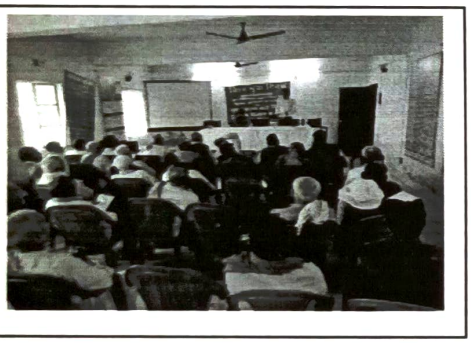
department for printing of soil health card and distribution on the occasion of world soil day, 2018. Further soil samples submitted to KVK by 27 farmers were analyzed by the district line department. Since these samples were not collected grid wise, hence their soil health cards were distributed by the KVK on the occasion of world soil day celebration at KVK on 5th December 2018.

A training programme was organized at KVK on "Collection of soil samples and importance of Soil analysis". Scientists delivered lectures on "RCT in agriculture", "SHC recommendation based fertilizer application"," Green manuring, crop rotation and bioferttilizer application for soil Health". Fifty farmers participated in the training programme.

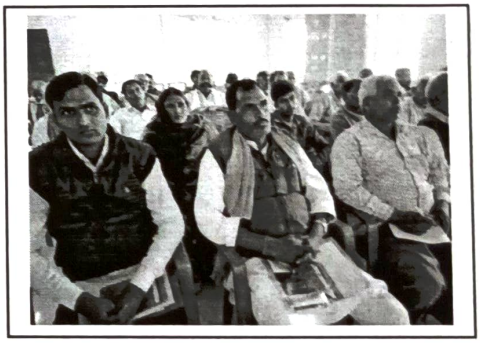
SHC distribution



Lab session



Training session



Farmers in training

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.13. Technology week celebration

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

3.14. RAWE/ 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

4. IMPACT

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

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

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

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

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

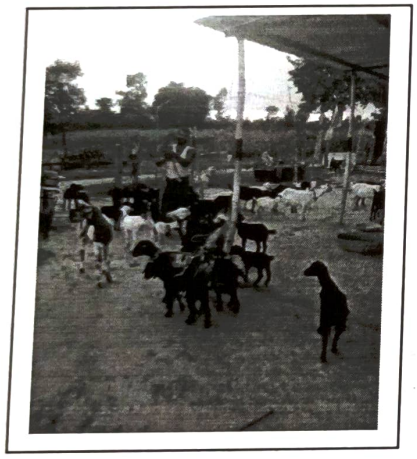
4.3.Details of impact analysis of KVK activities carried out during the reporting period

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

4.4. Details of innovations recorded by the KVK

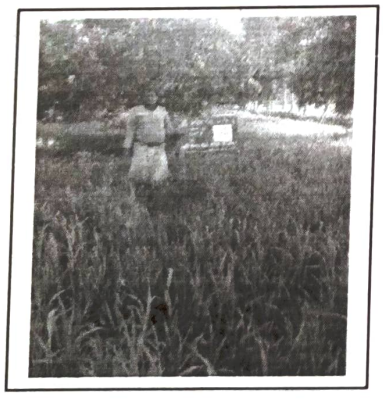
Thematic area	Goat Farming
Name of the Innovation	
Details of Innovator	Name of the Farmer: Mr. Mrityunjay Kumar Address: Village- Roopchap Post- Durgmatihiniya Block: Kuchaikote District: Gopalganj Mobile No. 620403114 Age; 44 years Education: Matriculation Size of land holding (ha) 3.0 ha
Back ground of innovation	• Starting the enterprise with small size • Purchasing pregnant animals to increase farm size. • Investment in housing in the initial phase with capacity for expansion. • Fodder cultivation (seasonal fodder) in the Litchi orchard • Following vaccination of Peste-des-Petits Ruminants (PPR) and Enterotoxaemia (ET) for disease prevention.

	• Expanding the enterprise with local purchase or nearby market. • Observing the farm on regular basis and attending the disease problem immediately
Technology details	• Investment in housing, utensils: Rs. 4 lakhs • Investment in purchase of goats: Rs.2.5 lakhs • Present value of enterprise: Rs. 3.25 lakhs • Profit in one year: 0.75 lakhs • The profit can be enhanced by future expansion and increase in flock size. • Assured green fodder supply has been identified as constraint • Goat farming has been accepted by the resource poor farmer as low investment and high return enterprise • Farmers of the adjoining villages of Sipaya and Khemmatihiniya have either started the enterprise or planning to start
Practical utility of innovation	• Starting the enterprise with small investment • Assured market. • Model for unemployed youth to start enterprise and earn livelihood. • Providing employment to illiterate person in the farm.



Farmer at unit

Goat grazing in pasture



Silvipastoral

Vaccination

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
1. District Agriculture Department	Meetings, trainings, joint implementation, contingent plan, technical support, Farm Mechanization shivirs
2. ATMA, Gopalganj	Meetings, Kharif and Rabi Abhiyan, Farmer Scientist interaction, Exposure visits, Trainings
3. District Sugarcane Department	Trainings
4. NABARD Gopalganj	Trainings, exposure visits, FPOs
5. Lead Bank (CentralBank, Gopalganj)	Trainings, Meeting and farmer schemes
6. District Rural Livelihoods (Jeevika)	Meetings
7. District Animal Husbandry Department	Meetings
8. District Fisheries Department	Meetings
9. District Horticulture Department	Meetings, Mushroom training
10. District seed Farm, Sipaya	Technical support
11. NHM, DrRPCAU, Pusa	Financial assistance for training, seed production, nursery development
12. Directorate of seed and Farm, TCA, Dholi	Seed production, seed sale, source of seed, seed reviews
13. SRI, Pusa	Seed Production, sugarcane
14. IFFCO, Gopalganj	Trainings
15. BSSOCA, Patna	Trainings
16. Biscomaun	Fertilizer requirement for farm

5.2. List of special programmes undertaken during 2018-19 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
CSISA	ODK (open data kit for data collection)			

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq.m)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Vermi-compost	2008	35	E. fetida					Training and demo
2.	Nursery	2008	10,000	Mango, litchi, aonla, guava,					Training and Demo
3.	Shed Net	2008	105	Seedlings					Training and Demo
4	Processing Plant	2010							Non functional
5.	Mushroom Unit	2018	55	Oyster Button					Training and demo
6	Azolla	2018	2.5						Training and Demo
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Wheat	22nd-28th Nov, 2017	12.04.18	4.0	HD 2733	FS	56.5			
Wheat	22-28th Nov, 2017	12.04.18	2.0	HD2733	BS	150.5			
Green Gram	11th-13th April, 2018	13-30th June, 2018	2.0	PDM 139	FS	4.10			
Paddy	19.06.18	22.10.18	2.0	Shahbhagi	FS	65.2			
Paddy	24.06.18	30.10.18	4.0	R. Bhagwati	FS	100.4			
Gram	26th-28th Nov, 2018	23-29th April, 2019	2.0	BG372	FS	Result Awaited			
Lentil	27.11.18	10th-11th April, 2019	0.4	KLS218	FS	Result Awaited			
Pea	08.12.18	1st-2nd April, 2019	0.4	HFP4	FS	Result Awaited			
Wheat	29th Nov-6th Dec, 2018	22.04.19	6.0	HD2733	FS	Result Awaited			

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

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

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:
No. of staffquarters:
Date of completion:
Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK Main Account	Uttar Bihar Gramin Bank	Sipaya	1005231130000070
KVK RF Account	Uttar Bihar Gramin Bank	Sipaya	1005231010005130
KVK NHM Account	Uttar Bihar Gramin Bank	Sipaya	1005231010005207

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	
Rapeseed and Oilseed		1.69 (OB)		1.136	0.559

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	Summer	Kharif	Rabi	Summer	
Pigeonpea	0.675	-		0.532	-		(+) 0.82
Lentil		1.35			0.939		(-)0.664
Green Gram			0.675			0.645	(+)0.03

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Salary				
1	Pay & Allowances	66.0	60.37	69.29
Total A		66.0	60.37	69.29
B	General Recurring	-	5.0	
2	Traveling allowances	1.0		1.0
3.	HRD	0.3		0.19
3	Contingencies			
A	Stationary, telephone, postage, and other charges, POL, repair of vehicle, tractor and equipment	4.0		4.91
B	Training of Farmers			
C	Training materials (posters , charts, demonstrations materials including chemicals etc. required for conducting training			
D	Training of extension functionaries			
E	Training of rural youth	2.50		2.33
F	Frontline demonstration other than pulses oilseeds	0.50		0.27
G	On Farm Testing (on need based location specific and newly generated information in the major production system of the year)	0.75		0.41
H	Soil and water testing lab	0		0
I	Extension activities/ exhibition/ kisan mela	0.45		0.45
J	Maintenance of building	0.5		0.5
K	SCSP (General)	0.5		0.5
K	Swachhta Expenditure	0.14		0.135
	TOTAL (B)	10.64	5	10.69
C. Non-Recurring Contingencies				
1	Works			
2	Vehicle			
3	Equipment, furniture and furnishing	3.5	3.5	0
4	Soil and water testing equipment			
5	IT			
6.	SCSP (Capital)	1.0	1.0	0
	TOTAL (C)	4.5	4.5	0
C. REVOLVING FUND				
	GRAND TOTAL (A+B+C)			

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	3276223.00	1028234.00	1353245.00	361234.00
2016-17	361234.00	879295.00	782396.00	3504335.00
2017-18	3504335.00	1060617.00	709706.00	3153423.00
2018-19	3153423.00	1549206.00	1818787.00	3423004.00

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Kisan Kalyan Karmshala	13	Kharif			With both
Kharif Abhiyan Sah Prasiksahn Karyakram	9	Kharif			With both
Kharif Mahahabhiyan sah Mahotsav	1	Kharif			With Both
Rabi Abhiyan cum Farmers training at block level	12	Rabi			With both
Training for PF (Taal Diara)	1	Rabi/summer		With ATMA	
Farm Machinery Fair	4	Rabi/summer	With DAO		
Krishak Vaigyanik Vartalap	1	Rabi/summer			With both
Farmers visit to siwan mela (ziradei)	1	Rabi/summer			With both
Exposure visit of farmers to KVK	1				With both

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)

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)
PPR	Goat	April 2019	10	Preventive measures undertaken at Amwa Bijaypur village	

9.1. Nehru Yuva Kendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. *mKisan*Portal (National Farmers' Portal/ 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	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

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

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with 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

Give good quality 1-2 photograph(s)

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

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

9.10. Details of Swachhta Hi Sewa programme organized

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

"Swachhata hi Sewa" under Swachhata Pakhwada (15th September to 2nd October 2018) a series of activities were organized by KVK Gopalganj.

A cleaning volunteer activity by the scientist and staff of the KVK was undertaken on 15th and 16th September 2018. On 15th cleaning of vermicompost unit and nearby areas was performed whereas on 16th September, the cleaning of Kisan ghar of KVK was performed.

Trainings (2 nos.) on "Waste decomposer" for farmers were organized on 25th and 26th September, 2018. In total, forty eight farmers participated in these training programmes. Demonstration on "waste decomposer" was carried out which involves mass multiplication and then decomposting. The mass multiplication is carried out in 200 litres tank filled with water, 2 kgs jaggery added and dissolved and 1 vial "waste decomposer" added to it and dissolved with a stick. The culture is ready after a week for

decomposting of 1 ton of agri-waste. The waste decomposer liquid is spread in layer over the agri-waste and left to decompose with occasional turning every week. It is useful for farmers who can undertake such activities at field for composting of agri-waste.

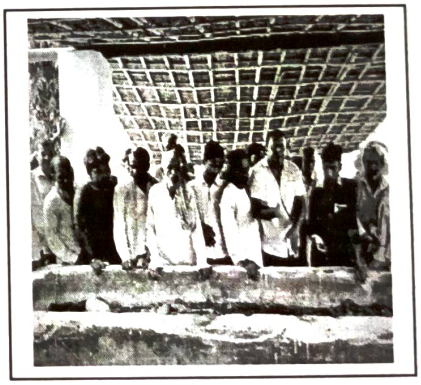
After these trainings and demonstrations were conducted the "waste decomposers" were distributed among farmers (37 nos) on for its use by the farming community.

Similarly on 29th September, 2018, a training on "agri-waste management was conducted at Government Polytechnic college, Sipaya, Gopalganj in which 79 students participated.

Cleaning of vermicompost

Demonstration on waste decomposer

Training at Polytechnic college



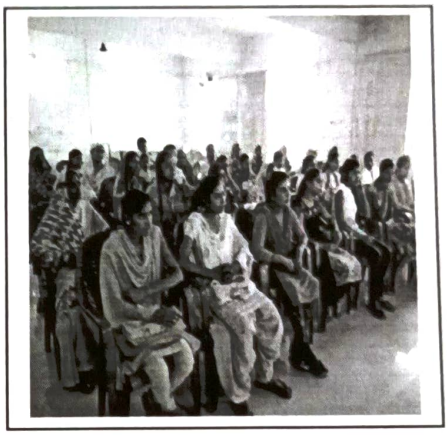
Farmers visiting vermi-compost unit

9.11. Details of Mahila Kisan Divas programme organized

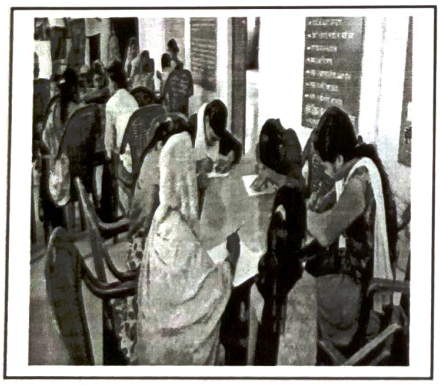
Sl. No.	Activity	No. of villages Involved	No. of Particip ants	No. of VIPs	Name (s) of VIP(s)
1.	Mahila kisan Diwas		54	Nil	

Mahila kisan Diwas (15 oct, 2018) was organized by KVK Gopalganj. In this program 54 women farmers including girls who are directly or indirectly involved in the agriculture have participated. Program was started with lightening the lamps. KVK personnel discussed the role of women farmers in the agriculture and their valuable contributions to raise the farm production. Participants have been gone through different agricultural practices, different agricultural schemes and drudgery reduction farm tool and implement. Three competitions namely essay writing, quiz and drawing were conducted. Photographs are attached below.

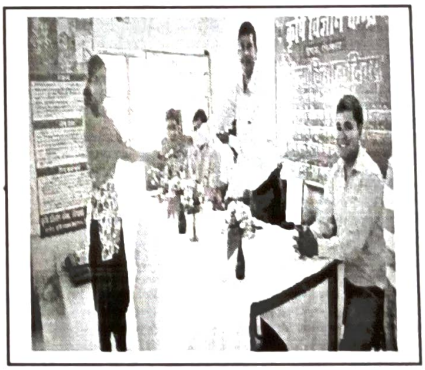
Lightening the lamp



Women/girl participants



Quiz, essay competition



Prize distribution

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

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
	IMD	Non-functional (Battery needs to be replaced, circuit restoration),

9.16. Contingent crop planning

Name of the state	Name of district/ KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Bihar	Gopalganj	Crop and fodder	The contingent plan has been incorporated in the extension literature published by the district agriculture for wide circulation among the farmers in the Kharif Mhahabhiyan		

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

a) Year: 2018
b) Introduction / General Information: Data collection through Open Data Kit (ODK) has been performed.

	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 outcome under TSP during 2017-18

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1.	Best KVK Award	2018	DrRPCAU, Pusa	-	

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Abhinav Kisan Puraskar	Shri Sunil Singh	2018	DrRPCAU, Pusa	Rs.5000/-	

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

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

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

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

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

17. Technologies for Doubling Farmers' Income

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

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

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

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

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

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

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							
2017-18							
2018-19							

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

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

21. Information on NARI Project(if applicable)

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

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

KrishiKalyanAbhiyan- I and II

A. Training

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

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

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

C. Livestock and Fishery related activities

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

D. Other activities

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

KrishiKalyanAbhiyan- III

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

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

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

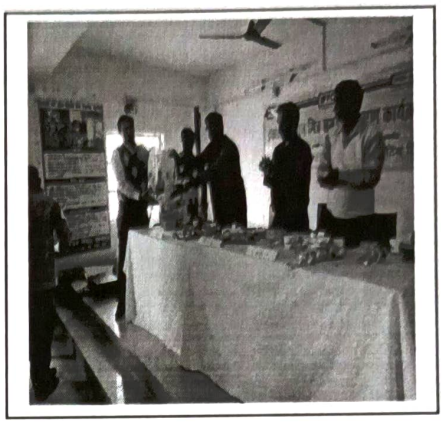
1. Teak, Mahogany and Arjun plants (300 nos.) planted beside road in the KVK
2. Varietal Trials conducted on:

i. Varieties of Pigeon pea
ii. Hybrid varieties of Paddy
iii. Paddy (Maudamini and Pratikhya)
iv. Varieties of Chickpea.

3 Participation and KVK stall at Kisan melas: Gandhi Maidan, Motihari, Parsauni (E Champaran), Ziradei (siwan), Krishi Kumbh, Gandhi Maidan, Motihari

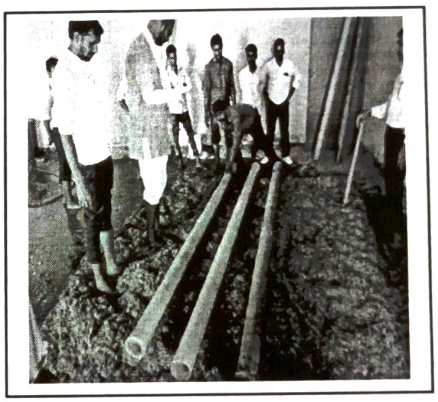
24. Good quality action photographs of overall achievements of KVK during the year (best 10)

Hon. MP at PM Kisan Samman Nidhi



IFFCO Kit distribution after training

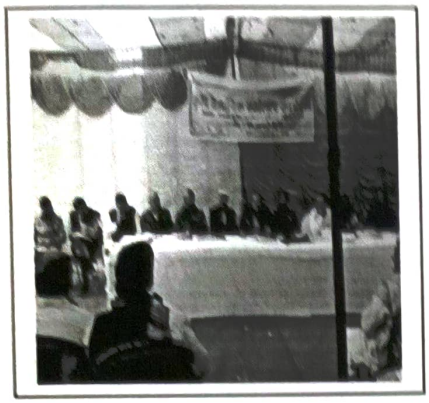
Investigating grain setting problem in maize



Button mushroom training

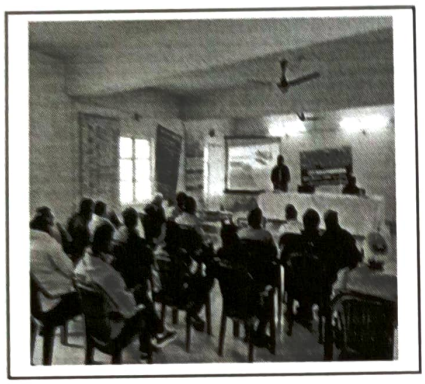
Oyster mushroom training

Azolla production at KVK



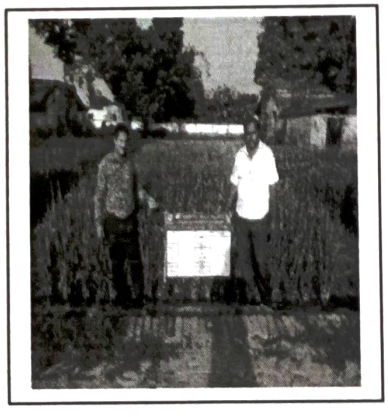
Farmer Scientist Interaction

Diagnostic Visit (mastitis)



Farm Mechanization training

IFFCO centre inauguration
Barharwa Kothi, E. Champaran



Varietal trial on Paddy Hybrids

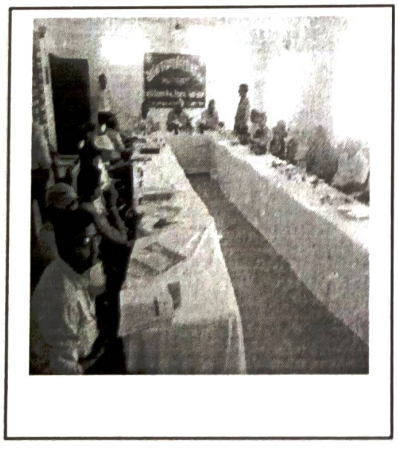
Varietal trials on Maudamini, Pratikhya

Neem Plantation meeting with FPO

Survey work in village

FPO farmer visit to vermicompost

Live telecast of Hon. PM (SHG)



SAC meeting

FLD on MP Chari

Vaccination of Goat

FLD on MP Chari (Luxuriant growth)

Caring environment-
Bhoosa Maker at Farm

FLD on oats (UPO 212)

***

वैज्ञानिक सलाहकार समिति की नौवीं बैठक की कार्यवाही।

कृषि विज्ञान केन्द्र, सिपाया, गोपालगंज की वैज्ञानिक सलाहकार समिति की नौवीं बैठक दिनांक 28 जून, 2018 को केन्द्र के प्रशिक्षण कक्ष में आयोजित की गई। इसकी अध्यक्षता डॉ. के. एम. सिंह, निदेशक प्रसार शिक्षा, डॉ0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा द्वारा की गई। बैठक में निम्नलिखित सदस्य उपस्थित थे:

1. डॉ0 के0 एम0 सिंह, निदेशक प्रसार शिक्षा, डॉ रा0प्र0के0कृ0वि0, पूसा – अध्यक्ष
2. डॉ0 ब्रजेश शाही, नोडल ऑफिसर, डॉ रा0प्र0के0कृ0वि0, पूसा
3. श्री प्रियरजंन, डी0 डी0 एम, नावार्ड, गोपालगंज
4. डा0 पवन कुमार, टी. भी. ओ., कुचायकोट
5. श्री त्रिमूर्ति कुमार पटेल, सचिव, एन.जी.ओ गोपालगंज
6. श्री देवतानंद प्रसाद, वैज्ञानिक सलाहकार समिति के सदस्य
7. श्री सुनिल सिंह, अध्यक्ष, एफ.पी.ओ प्रगति एग्रो कंपनी लिमिटेड, कुचायकोट
8. श्री सुनील तिवारी, प्रखंड तकनीकी प्रबंधक, आत्मा गोपालगंज
9. श्री शैलेन्द्र कुमार, आत्मा, गोपालगंज
10. श्री नितेश्वर दुबे, सदस्य, वैज्ञानिक सलाहकार समिति, के.वी.के गोपालगंज
11. श्री अभिजित शंकर, ए.सी, जीविका, कुचायकोट, गोपालगंज
12. श्री रजनीश कुमार मिश्रा, बी.पी.एम, कुचायकोट जीविका गोपालगंज
13. श्री राकेश कुमार, मैनेजर,जीविका गोपालगंज
14. श्रीमति अहिल्या कुमारी, एम.डी, मदर टेरेसा सेवा ट्रस्ट गोपालगंज
15. श्री मृत्युंजय कुमार, प्रगतिशील कृषक, गोपालगंज
16. श्री जलेश्वर नाथ राय, कृषक मित्र, उत्तर बिहार ग्रामीण बैंक, सिपाया
17. डा0 रामकृष्ण राय, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र गोपालगंज
18. श्री संजय कुमार, विषय वस्तु विशेषज्ञ (कीट विज्ञान) कृषि विज्ञान केन्द्र गोपालगंज
19. डा0 मो0 साजिद हुसैन, विषय वस्तु विशेषज्ञ (सस्य) कृषि विज्ञान केन्द्र, गोपालगंज

सर्वप्रथम डॉ. रामकृष्ण राय, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र गोपालगंज ने इस कार्यक्रम के माननीय अध्यक्ष डॉ. के. एम. सिह, डॉ ब्रजेश शाही, नोडल अधिकारी, जिले के आधिकारीगण, सम्माननीय किसानों, प्रगतिशील किसानों एवं प्रतिभागियों का स्वागत किया।

कार्यक्रम समन्वयक ने विगत आठवीं बैठक में लिए गए निर्णय पर केन्द्र द्वारा की गई कार्यवाही प्रस्तुत किया जिसे समिति द्वारा अनुमोदित किया गया।

तत्पश्चात् कार्यक्रम समन्वयक द्वारा केन्द्र की विगत वैज्ञानिक सलाहकार समिति की बैठक से अब तक (जून 2017 से मई 2018) का प्रगति प्रतिवेदन एवं अगले वर्ष (जून 2018 से मई 2019) का प्रस्तावित कार्यक्रम प्रस्तुत किया जिस पर समिति के माननीय सदस्यों द्वारा **गहन विचार–विमर्श कर निम्नलिखित सुझाव दिए गए:**

01. किसानों की मांग के आधार पर गन्ने के उन्नत प्रभेद का बीज उत्पादन केन्द्र के प्रक्षेत्र में किया जाए।

02. अनुपालन प्रतिवेदन संख्यात्मक हो।

03. धान की सीधी बुआई पर प्रक्षेत्र परीक्षण किया जाए।

04. मशरूम कृषकों को प्रशिक्षित कर उन्हें जिलें के अन्य कृषकों को प्रशिक्षण देने में सहयोग लें।

05. कृषि विज्ञान केन्द्र द्वारा संपादित कार्यों को केन्द्र के पोर्टल पर प्रतिदिन डालने का सुझाव दिया गया।

06. मशरूम स्पॉन उत्पादन प्रयोगशाला कृषि विज्ञान केन्द्र में स्थापित की जाए।

07. ब्रॉयलर, लेयर एवं हैचरी की स्थापना कृषि विज्ञान केन्द्र में की जाए।

08. आभासी कलिका रोग में किए जा रहे प्रक्षेत्र परीक्षण में धान के संकर प्रभेद को सम्मिलत किया जाए।

09. विभिन्न फसलों में बीज उत्पादन एवं प्रसंस्करण का प्रशिक्षण कृषकों की दी जाए।

10. प्रति वैज्ञानिक प्रशिक्षणों की संख्या बढ़ाई जाए।

11. कृषि एवं संबंद्ध विभागों के साथ साझेदारी कार्यक्रम की जाए तथा जीविका के साथ प्रसार कार्यकर्त्ता प्रशिक्षण की जाए।

12. पशुपालन एवं उससे जुड़े विषयों में कम से कम 12 कृषक प्रशिक्षण कार्यक्रम की जाए।

13. प्रक्षेत्र प्रदर्शन तथा एकीकृत प्रक्षेत्र प्रदर्शन के अंतर्गत प्रक्षेत्र दिवस की संख्या बढ़ाई जाए।

14. पादप सुरक्षा के प्रक्षेत्र परीक्षण में जैविक रसायन, पीला पाश तथा समन्वित कीट प्रबंधन सम्मिलित किया जाए।

15. केन्द्र के प्रक्षेत्र में हरे चारे का क्रॉप केफिटेरिया विकसित की जाए।

16. केन्द्र के उद्यान का प्रबंधन वैज्ञानिक तरीके से की जाए ताकि उत्पादकता बढ़े।

अपने समापन संबोधन में डॉ. के. एम. सिंह ने कहा कि कृषि विज्ञान केन्द्र, कृषि एवं संबद्ध विभागों के साथ समन्वय स्थापित कर कार्य करे ताकि अधिकाधिक किसानों के बीच कृषि विज्ञान केन्द्र की पहुँच हो तथा किसान वैज्ञानिक तरीके एवं नवीनतम तकनीक से रूबरू हो सकें जिससे किसानों की आय दुगुनी करने का प्रयास सार्थक हो।

अंत में डा0 मो0 साजिद हुसैन, वैज्ञानिक (शस्य), कृषि विज्ञान केन्द्र गोपालगंज ने बैठक में आए सभी माननीय सदस्यों, आगंतुको का धन्यवाद ज्ञापन किया एवं अध्यक्ष महोदय के आदेश से बैठक की कार्यवाही का समापन किया गया।

06/8/18
निदेशक प्रसार शिक्षा
डॉ0 रा0प्र0के0कृ0वि0, पूसा

06/08/18

कार्यक्रम समन्वयक
कृषि विज्ञान केन्द्र, सिपाया, गोपालगंज

Reg.No. 650/2019

डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय
पूसा (समस्तीपुर) – 848 125

कृषि विज्ञान केन्द्र, सिपाया, गोपालगंज

को

कृषि विकास में उत्कृष्ट योगदान के लिए

"सर्वोत्तम कृषि विज्ञान केन्द्र पुरस्कार–2018"

से सम्मानित किया जाता है।

(के0 एम0 सिंह)
निदेशक प्रसार शिक्षा

26 जनवरी, 2019

(आर0 सी0 श्रीवास्तव)
कुलपति