

## **PROFORMA FOR ANNUAL REPORT 2019 ( 1<sup>st</sup> January- 31<sup>st</sup> December 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			<a href="mailto:head.kvk.sipaya@rpcau.ac.in">head.kvk.sipaya@rpcau.ac.in</a>

#### 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 31<sup>st</sup> Dec, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	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. Sajid Hussain	SMS	Agronomy	57700-144000	27.01.2018	Permanent	Others
4	Subject Matter Specialist	Er. Naveen Kumar	SMS	Ag. Engg.	56100-177500	29.09.18	Permanent	OBC
5	Subject Matter Specialist	Dr. Amit Visen	SMS	Horticulture	56100-177500	18.12.18	permanent	others
6	Subject Matter Specialist	Dr. Anita Gautam	SMS	Home Sc.	56100-177500	18.12.18	Permanent	SC
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. Pankaj Rai	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							
15.	Supporting staff	Shri Mukesh Kumar	Lab Attendant	-	18000-56900	22.08.2015	Permanent	Others
16.	Supporting staff	Shri Awadhesh Narayan Jha	Lab Attendant	-	21700-69100	21.01.2019	Permanent	Others



\* 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	259027	Required to be replaced

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
<b>a. Lab equipment</b>				
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>b. Farm machinery</b>				
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
<b>c. AV Aids</b>				
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 (winnow)	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.	26.10.2019	23	Pending approval		

\* 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	<u>Month</u>	<u>Temperature (<sup>0</sup> C)</u>		<u>Average Rainfall</u>	<u>Relative Humidity</u>	
			<u>Min Temp</u>	<u>Max Temp</u>	<u>(mm)</u>	<u>Max</u>	<u>Min</u>
		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	6.4	45.50	24.71
		May 2019	26.53	41.02	3.4	56.53	33.79
		June 2019	27.61	38.16	113.3	70.76	54.74
		July 2019	26.14	32.99	593.7	82.48	73.64
		August 2019	26.10	32.45	106.9	83.45	76.52
		Sept, 2019	25.32	32.23	437.8	81.85	75.39
		Oct, 2019	21.52	31.84	6.6	74.82	67.91
		Nov, 2019	14.57	28.73	0.0	70.76	60.66
		Dec 2019	9.8	24.62	12.3	75.30	59.69
7	Production of major livestock products like milk, egg, meat etc.	<u>Category</u>			<u>Population (in '000)</u>	<u>Productivity</u>	
		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	

## b. Details of operational area / villages (2019)

Sl. No.	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Kuchaikote	Khemamtihiya	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 (2019) 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
12	5		0	1	0	1	28	0	28	1	38	9	4	145	3	0	0	0	76	0	79	0	51

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
104	96	2600	185	346	0	0	171	293	191	612	253	1760	3309	3099	-	-	0	0	788	55	788	55	84
			5				5		7		4							4	0	4	0	34	

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		

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

\* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	6	6000					
Technical reports							
Electronic Publication (CD/DVD etc)							
<b>TOTAL</b>	<b>6</b>	<b>6000</b>					

## 1 Achievements on technologies assessed and refined

## OFT 1

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	Intercropping of sugarcane with potato in autumn season
8.	Constraints identified and feedback for research	Most of the farmers are illiterate
9.	Process of farmers participation and their reaction	Trainings, field visit

Result:

Table: Productivity and income in sugarcane intercropping in autumn season.

Technology option	No. of trials	Yield component (Q/ha)			Cost of cultivation (Rs./ha)	Gross Income (Rs/ha)	Net income (Rs./ha)	BC ratio
		Sugarcane	Intercrop	Cane equivalent				
F.P. (Sugarcane as sole crop)	5	740	-	-	54000	214600	160600	3.97
T.O. 1 (Sugarcane+Potato 1:2)		810	120.00	1223.79	83700	354899	271199	4.20
T.O 2: (Sugarcane+Rajmas, 1:2)		710	10.70	876.00	67500	254040	186540	3.76
T.O. 3 ( Sugarcane+ Lentil, 1:2)		735	7.90	871.20	64800	252648	187848	3.89
T.O.4: (sugarcane + Coriander , 1:2)		680	4.80	828.96	63100	245198	182098	3.88

Price of sugarcane is Rs. 290/q, Potato Rs. 1000/q, Rajma Rs. 4500/q, Lentil Rs.5000/q and coriander Rs. 9000/q.

Recommendation: Intercropping of sugarcane with potato provided maximum returns in terms of sugarcane equivalent (1223.79 q/ha) , net income (Rs 1223.79/ha) and BC ratio 4.2 which was the highest compared to sole sugarcane, sugarcane+Rajma, sugarcane+ lentil or sugarcane + coriander, hence it is recommended that the sugarcane be intercropped with potato to maximize returns in autumn sugarcane.

## OFT 2

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 EC @ 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 <sup>2</sup>
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:

Table: Effect of different insecticides on Pod borer in pigeonpea

Treatments	No. of trials	Plant affected with pod borer (5 plants) in %		Yield (q/ha)	Cost of cultivation Rs./ha	Gross income (Rs./ha)	Net income (Rs./ha)	BC ratio
		Before spray	After spray					
F.P: Monocrotophos 36 EC @ 1000ml/ha		2.96 (9.81)	1.86 (7.71)	8.46	23000	42300	19300	1.83
T.O. 1: Thiodicarb 75 WP @500 g/ha		2.70 (9.46)	1.19 (6.02)	10.86	23700	54300	19740	2.29
T.O. 2: Novaluron 10 EC @ 800 ml/ha		2.74 (9.63)	1.27 (6.29)	10.33	23800	51650	17520	2.17
T.O. 3: NPV @ 300 LE /ha +pheromone trap 15 /ha		3.33 (8.72)	1.13 (6.55)	11.22	24100	56100	20780	2.32

- Figures in parentheses are arc sine transformed values.
- The price of pigeonpea is Rs.5000/q

Recommendation: Use of NPV @ 300 LE/ha alongwith pheromone trap 15/ha is the best compared to insecticides

## OFT 3:

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: Effect of different treatment measures in repeat breeders

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 4

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	Berseem	Fodder Production	Mescavi	2	2	0	0	0	0	20	0	20	0	20	
2	Oats	Fodder Production	UPO 212	2	2	1	0	0	0	11	0	12	0	12	
3	Mushroom	Mushroom Production	Compost +Button			0	0	0	0	7	0	7	0	7	
4	Paddy	Crop Production	Varietal (Rajendra Sweta)	6	6	2	0	0	0	13	0	15	0	15	

## 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 <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O					
Paddy	Kharif 2019	Irrigated	Sandi Loam	352.2	136.7	105.1	Green Gram	June	Novem ber	950 MM	40
				346.6	114.4	132.5					
				335.5	125.1	107.3					
				252.1	109.9	110					
				335.5	116.1	140.5					
				307.7	114.4	161.2					
				380	120.6	108.9					
				496.8	117	205.2					
				335.5	126	109.2					
				341.1	120.6	183.5					
				335.5	119.7	216.2					
				435.6	122.4	181.5					
				352.2	143	281.5					
				335.5	116.1	181					
252.1	125.1	101.2									

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		
Rapeseed and mustard																	
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	Rajendra Sweta	15	6	45.40	37.60	20.00			27800	82401	54601	2.96	26600	68244	41644	2.56
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			39	10													

## 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



## Women empowerment

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

## Farm implements and machinery

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

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

\*\* BCR= GROSS RETURN/GROSS COST





## Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Berseem (mescavi)	Cattle farmers who have grown berseem continue it but increase in acreage is difficult because farmers grow green fodder as per their landholding and number of cattle reared.
2.	Paddy (R. sweta)	Quality rice and satisfactory yield
3.	Mushroom (Button)	More remunerative yet seasonal production is a handicap.
4.	Oats (UPO 212)	Good cereal fodder, soil type favours its cultivation.

## 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 Summer, Kharif and Rabi 2019:

## Summer 2019

## Crop 1: Green Gram

## 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

## 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	IPM-02-03	16000	39025	23025	2.44	17500	48502	31002	2.77

**C. Socio-economic impact parameters**

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ household)
1.	IPM-02-03	8700	6525	5575	50	2125	Domestic purpose	8

**D. Pulse Farmers' Perception of the interventions 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.	IPM-02-03	Suitable for timely sowing	Medium seed, Lush green colour	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 green colour medium grain size preferred by farmers	Good	Much better than local	Timely showing under assured moisture increase yield

**F. Extension activities under FLD conducted:**

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	22.02.2019, Narayanpur, 16.03.2019, KVK, Gopalganj	30, 30
2.	Field Visit	01.04.2019, Baraipatti, 06.04.2019, Baraipatti, 07.06.2019, Amwan vijaypur, 07.06.2019, Khem Matihiniya, 08.06.2019, Dube Tola, 14.06.2019,	22

		Bithbhairwa, 15.06.2019, Khem Matihiniya, 17.06.2019, Bithbhairwa, 02.07.2019, Amwan vijaypur	
3.	Field Day	15.06.2019, Khem Matihiniya, 17.06.2019, Bithbhairwa	42

### 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 ( crop wise information )	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Green Gram	i) Critical input	67500.00	59651.00	<b>2971.00</b>
	ii) TA/DA/POL etc. for monitoring		3000.00	
	iii) Extension Activities (Field day)		1878.00	
	iv)Publication of literature		0.00	
	<b>Total</b>	<b>67500.00</b>	<b>64529.00</b>	





**Kharif 2019****Crop 2: Pigeonpea****A. Technical Parameters:**

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Avg.	D	S	P
1.	Pigeonpea	Baisakha	11.30				NDA-1, PSB, Rhizobium, Carbendazim, Sulphur, Zinc, Pendimethylene and insecticide	25	10	Crop standing					

**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
Crop in standing position									

**C. Socio-economic impact parameters**

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/household)
Crop in standing position								

**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
Crop in standing position							

**E. Specific Characteristics of Technology and Performance**

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Crop in standing position			

**F. Extension activities under FLD conducted:**

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	29.7.19	25
2.	Field visit	04.10.19	5
		11.10.19	18
		17.10.19	8
		30.11.19	5

**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.)
Pigeonpea	i) Critical input	81902 (OB)	64527	
	ii) TA/DA/POL etc. for monitoring		2405	
	iii) Extension Activities (Field day)		0	
	iv) Publication of literature		0	
	Total		66932	(+)14970

**Farmers' List of Cluster Frontline demonstration on Pigeon (Arhar) 2019-20**

S. N.	KV K	Name of farmer	Father Name	Address								GPS Coordinates		Crop Demonstrated
				Village	Block	District	Mob.No.	Adhar No	Input details	Cost of Inputs	Bank name & Account no	Longitude	Latitude	
1	Gopalganj	Arun Kumar	Lalan Singh	Khairatwa	Kuchaikote	Gopalganj	9097882638	7763479815616	Variety NDA-1, seed treatment with PSB+Rhizobium+Fungicide (Carbendazim), Line showing and application of sulphur, Zinc, Herbicide and insecticide	64,527.00	11451250547	26°52'80" N	84°41'30" E	Pigeon Pea
2		Dilip Kumar Singh	Bhulotan Sah	Bisunpura	Kuchaikote		9162607886	759774948630			577810110000454	26°30'18" N	84°26'18" E	
3		Raghavendra Tiwari	Satendra Tiwari	Tiwari Matihiniya	Kuchaikote		7258806096	543078916736			45641010007460	26°33'53" N	84°22'61" E	
4		Hirdaya yadav	Luxman Yadav	Bisunpura	Kuchaikote		9771097906	245350418437			1005051010002012	26°35'34" N	84°27'40" E	
5		Prashant Kumar	Surendra Singh	Khairatwa	Kuchaikote		9852233020	665866861272			3390595421	26°53'37" N	84°40'42" E	
6		Shashikant Roy	Yogendra Roy	Sipaya Khas	Kuchaikote		62877548010	708204123805			35002910735	26°55'38" N	84°42'35" E	
7		Ramashanker Mishra	Phawari Mishra	Sirisiya	Kuchaikote		7320960292	578580920193			3082410928	26°32'44" N	84°20'44" E	
8		Santra Bibi	Hajari Ansari	Bisunpura	Kuchaikote		9931819407	529308915187			577810110000255	26°34'22" N	84°24'17" E	
9		Vijay Kumar Rai	Shivpujan Rai	Baraipatti	Kuchaikote		9934711900	617445705167			1005231010001736	26°56'60" N	84°84'16" E	
10		Ashok Kumar Rai	Mangal Rai	Baraipatti	Kuchaikote		9973002094	909820335363			520101053123261	26°54'73" N	84°42'03" E	
11		Daroga Yadav	Guli Yadav	Bisunpura	Kuchaikote		9939393527	332712663700			101101100001738	26°32'22" N	84°24'20" E	
12		Umesh Prasad	Ram Prasad	Bisunpura	Kuchaikote			279760835975			1005051010003742	26°32'24" N	84°31'17" E	

13	Munna Kumar Rai		Baraipatti	Kuchaikote		9006672846	517462030877		17912191018910	26°56'65" N	84°34'44" E
14	Rajesh Ram	Vikarama Rai	Bithbhara wa	Kuchaikote		9852749217	842323533272		222901000005469	26°40'35" N	84°53'20" E
15	Rajesh Rai	Awadh Rai	Roochap	Kuchaikote		9939442673	739537464896		34867554337	26°34'48" N	84°21'58" E
16	Manoranjan Kumar Sinha	Bharat Prasad	Hasanpur	Barauli		9431057942	472226849277		1005101030062762	26°37'33" N	84°26'20" E
17	Sachitana nd Rai	Tukkar Rai	Sipaya Khas	Kuchaikote		9199459688	612796863968		11227077963	26°57'81" N	84°38'22" E
18	Bashishth Yadav	Gorakh Yadav	Rampur Tengrahi	Gopalganj		9955248761	929404795050		33891471436	26°34'15" N	84°24'16" E
19	Manoj Singh	Prabhunati Singh	Khairatwa	Gopalganj		9097313886	499158642957		33464182330	26°53'81" N	84°41'15" E
20	Aditya Kumar	Vikarama Singh	Kali Asthan Road	Gopalganj		9234271148	916055375870		11226975561	26°40'33" N	84°53'18" E
21	Jagat Narayan Singh	Lakshmi Singh	Salehpur	Kuchaikote		9128406172	409379185519		000934001007314	26°61'90" N	84°38'40" E
22	Nageshwar Kumar Verma	Paras Nath Verma	Bithbhair wa	Gopalganj		7004266870	267504257652		1879010039677	26°40'35" N	84°54'19" E
23	Rajesh Rai	Shankar Ray	Sipaya Khas	Kuchaikote		9973216207	745077015706		1005231010001256	26°57'52" N	84°37'50" E
24	Ramjee Ram	Vikram Ram	Kalamatih iniya	Kuchaikote		9939454692	895938195780		11451113146	26°33'53" N	84°19'58" E
25	Vinod Yadav		Bisunpura	Kuchaikote		9939442673	481191645775		36937870021	26°34'16" N	84°25'18" E

Cluster No. (I, II, III)	Variety and sowing details											
	Area (ha)	Variety used and release year	Crop Duration (d)	Seed rate (kg/ha)	Sowing method (line/broadcasting/R & F/ Raised bed etc.)	Seed Treatment (Y/N)	If yes then name of the chemical/biological agent	Source of seed (Agency)	Small/Bold seeded	D.O.S.	Benchmark productivity of cluster (q/ha)	Soil testing (Y/N)
6	10	NDA-1 1997	260	20	Line Sowing	Y	PSB+Rhizobium+Fungicide(Carbendazim)	KVK, Piparakothi	Small	20.07.2019	16.3	Y

Manure management		Fertilizer management (based on soil test value)										
Dose (kg/ha)	Application	N available (Kg/ha)	N applied (kg/ha)	P available (kg/ha)	P applied (kg/ha)	K Available (kg/ha)	K applied (kg/ha)	S available (Kg/ha)	S applied (kg/ha)	PH	EC %	OC %
N	N	308.7	20	52	45	215.2	25	N	12.5	6.95	0.78	N

Zn available (kg/ha)	Zn applied (kg/ha)	B Available (kg/ha)	B applied (kg/ha)	Fe Available (kg/ha)	Fe applied (kg/ha)	Mn Available (kg/ha)	Mn applied (Kg/ha)	Cu Available (kg/ha)	Cu applied (kg/ha)	Weed management			
										Interculture operation (y/N) If yes then give details		Weedicide used (Y/N)	
										Method & DAS	Major weeds in field	Method & DAS	Dose applied (ml/kg per ha)
N	12.5	N	N	N	N	N	N	N	N	Manual weeding at 30 & 45 DAS	Cyperous Spp	Pre-emergence 0-3 DAS	1000



**Rabi 2019**  
**Crop 3: Lentil**

**B. 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	
1.	Lentil	BR 25	7.80				HUL 57 seed treatment with PSB+Rhizobium+Fungicide, Line sowing and application of sulphur and boron	50	20							

**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	Crop in standing position							

**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.	HUL 57	Crop in standing position						

**D. Pulse Farmers' Perception of the interventions 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	Crop in standing position					

**E. Specific Characteristics of Technology and Performance**

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Crop in standing position			

**F. Extension activities under FLD conducted:**

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	14.11.2019 , KVK, Gopalganj	25
2.	Field Visit	03.02.2020, Khem Matihiniya, Durg Matihiniya 04.02.2020, Gumaniya, Amwa Vijaypur, Shyampur, Khem Matihiniya 06.02.2020, Kala Maitihiniya, Khem Matihiniya 07.02.2020, Baliwan Sagar, Paharpur, Narayanpur	4 10 5 5
3.	Field Day	03.02.2020, Durg Matihiniya	5

**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.)
Lentil	i) Critical input	(-) 66420 (OB)	118937	
	ii) TA/DA/POL etc. for monitoring		5932	
	iii) Extension Activities (Field day)		0	
	iv) Publication of literature		0	
	<b>Total</b>		<b>124869</b>	<b>(-)191289</b>

**Farmers List of cluster frontline demonstration on Lentil (2019-20)**

S. N.	KV K	Name of farmer	Father Name	Address							GPS Coordinates		Crop Demonstrated			
				Village	Block	District	Mob.No.	Adhar No	Input details	Cost of Inputs	Bank name & Account no	Longitude		Latitude		
1	Gopalganj	Abhinash Rai	Ramnarayn Rai	Kotnarayan	Kuchaikote	Gopalganj		685157984506		Variety HUL-57, seed treatment with PSB+Rhizobium+Fungicide (Carbendazim), Line showing and application of sulphur and Boron	124869.00		1011104000091066	26°28'42"	84°20'47"	Lentil HUL-57
2		Bhushan Yadav	Madan Yadav	Khem Matihiniya	Kuchaikote		9661020987	509451341990					20103338658	26°33'52"	84°19'58"	
3		Munna Yadav	Rambali Yadav	Khem Matihiniya	Kuchaikote		7319988163	424007101593					4120000100789035	26°39'33"	84°55'21"	
4		Sunil Yadav	Harilal	Khem Matihiniya	Kuchaikote		7301231800	546529533981					105231010004385	26°34'27"	84°22'42"	
5		Rajesh Rai	Awadh Rai	Roochap	Kuchaikote		9939442673	739537464896					34867554337	26°34'36"	84°23'0"	
6		Rajwali Yadav	Phoolen Chaudhary	Bisunpura	Kuchaikote		9662409860	890381337344					30802848504	26°30'32"	84°23'01"	
7		Manoj Kumar Singh	Chandra Prasad Singh	Pasarwa Kohonaiya	Kuchaikote		9973312098	291996999488					575520100000142	26°29'31"	84°24'02"	
8		Bihari Sharma	Baban Sharma	Salehpur	Kuchaikote		9631708841	918589032902					1005231030026131	26°34'27"	84°22'42"	
9		Rajesh Pandey	Kashinath Pandey	Amwa	Gopalganj		9931081863	842016132880					3126013664	26°39'33"	84°55'21"	
10		Madhumala Kumari	Ramanuj	Paharpur	Kuchaikote		943040178	73343237129					001634001001654	26°34'50"	84°22'58"	
11		Diwakar Kumar Pandey	Jaiprakash Pandey	Bisunpura	Kuchaikote		9162353982	79709530159					469210110005024	26°34'27"	84°22'42"	
12		Ramasha	Luxmi	Katgharw	Gopalganj		995521744	2185310403					11234812926	26°34'13"	84°24'17"	

		nker Chaudhar y	Chaudhar y	an	j		5	60					
13		Surendra Prasad	Ramchand ra Prasad	Kala Matihiniy a	Kuchaiko te		977188715 6	6207761415 63			34586430783	26°39'33	84°55'21
14		Naresh Mahto	Rama Mahto	Kala Matihiniy a	Kuchaiko te		833792428 1	2234637584 22			100550103000	26°34'45	84°23'52
15		Nandlal Yadav	Butai Yadav	Doman Banjaria	Kuchaiko te		880945356 4	7577505593 44			2306264656	26°33'43	84°22'42
16		Shardana nd Yadav	Sitaram yadav	Bhainsha	Kuchaiko te		997311058 1	4524073614 12			10052110300318 90	26°30'32	84°23'01
17		Paras patel	Kh0mani Patel	Kala Matihiniy a	Kuchaiko te		952574361 8	2766739990 06			100550196941	26°34'27	84°22'42
18		Bitori Patel	Mahasara y Patel	Kala Matihiniy a	Kuchaiko te		880938186 3	2401430056 35			25361010004727 5	26°34'36	84°23'0
19		Bijli Prasad	Sivpojan Prasad	Kala Matihiniy a	Kuchaiko te		916227175 9	4403938140			5778101100093	26°34'27	84°22'42
20		Lakhicha nd Patel	Mangal Patel	Kala Matihiniy a	Kuchaiko te		980139487 2	6607241180 88			10052310100053 54	26°35'26	84°23'43
21		Parma Patel	Khomari Patel	Kala Matihiniy a	Kuchaiko te		952574361 8	7787452361 37			10055010300440 12	26°34'27	84°22'42
22		Raju Kumar Chaubey	Subhas Chaubey	Khutawan iya	Kuchaiko te		875706704 0	6667906172 63				26°34'13	84°24'17
23		Vumal Chaubey	Lalbabu Chaubey	Khutawan iya	Kuchaiko te		797980991 0	3655726131 98			30622506290	26°34'13	84°24'17
24		Jagtanand Tiwari	Ramanand Tiwari	Tiwari Matihiniy a	Kuchaiko te		993180740 9				5778101100306	26°34'44"	84°19'23"
25		Murari Prasad Gupta	Sudarshan Prasad	Khem Matihiniy a	Kuchaiko te		954681224 7	9127741042 29			18990100031329	26°38'34"	84°53'22"
26		Shambuh nath pandey	baban Pandey	Bhaghauc h	Kuchaiko te		896964554 0	9244363372 14			2306201662		
27		Munna Kumar Yadav	Hari Yadav	Domar Banjaria	Kuchaiko te		909760703 9	5153135684 94			336674397		
28		Parbhakar Pandey	Harinaray an Pandey	Bhojchha per	Kuchaiko te		900689088 0	9284955493 91			10051810300849 4	26°33'43	84°22'42
29		Vijay Prasad Gupta	Sudama Prasad	Khem Matihiniy a	Kuchaiko te		985262661 5	9714585204 43			11005231330044 025	26°34'13	84°24'17
30		Ajay Prasad Gupta	Sudama Prasad	Khem Matihiniy a	Kuchaiko te		985262661 5	3612542269 18			57781011000167 4	26°34'13	84°24'17
31		Ravi	Swaminat	Khem	Kuchaiko		977719322	9211145340			10052310300379	26°34'12	84°24'16

		Kumar	h Prasad	Matihiniya	te			2			15		
32		Mahmood Alam	Shekh Makhmool	Salehpur	Kuchaikote	9162142811	794720838584				2306214683	26°34'27	84°22'42
33		Manoj Kumar Tiwari	Jaiprakash Tiwari	Bishambharpur	Kuchaikote	8083984251	940409328683				000334032100479	26°34'13	84°24'14
34		Sunita Devi	Vimal Choubey	Khutawanaya	Kuchaikote	9934631686	443667786996				36308821944	26°34'13	84°24'14
35		Raju Kumar Pandey	Shivshankar Pandey	Baliwan Sagar	Kuchaikote	8294772418	904546658948				17912413000146	26°33'54	84°19'28
36		Rakesh Kumar Dubey	Vipin dubey	Sipaya	Kuchaikote	8294603507	794417144528				4564101005718	26°34'13	84°23'17
37		Barister Prasad Singh	Ramavtar Prasad Singh	Khem Matihiniya	Kuchaikote	7301190828	760781081266					26°34'13	84°23'17
38		Haresh Dubey	Ramchandar Dubey	Narayanpur	Kuchaikote	7557727072	696338815377				575410110003375	26°34'36	84°23'0
39		Haridaya Sah	Achchhela Sah	Khem Matihiniya	Kuchaikote	9572959227	238538183170				2310101307698	26°34'35	84°23'01
40		Sandeep Kumar Pandey	Byas Pandey	Baliwan Sagar	Kuchaikote	9896962084	490845176879				575410110007472	26°34'24	84°21'42
41		Ramakant Rai	Bank Rai	Roochap	Kuchaikote		906704152347				1005231030103474	26°33'27	84°22'41
42		Umesh Sah	Narasinha Sah	Baliwan Sagar	Kuchaikote	8002629880	972691364333				1005501010001003	26°34'29	84°22'42
43		Ruknuddin Ansari	Anayat Hussain	Durg Matihiniya	Kuchaikote	7779199002	425230549937				577810110000071	26°34'12	84°24'16
44		Shiv Sankar Pandey	Vindeshwari Pandey	Baliwan Sagar	Kuchaikote	9771342001	766288940316				1005501010005461	26°34'33"	84°23'20"
45		Basant Kumar Yadav	Harendra Yadav	Khem Matihiniya	Kuchaikote	9852458101	716724246897				5710110006610	26°32'35"	84°21'25"
46		Satendra Sharma	Lalan Sharma	Tola Sipaya	Kuchaikote	9934017648	405681288457				1005231010003018	26°34'27	84°22'42
47		Irfan Ali Saifi	Mustakeem Saifi	Durg Matihiniya	Kuchaikote	9167684727	816541620236				3984287414	26°33'53	84°19'58
48		Aftab Alam	Md. Shahid	Amwa Vijaypur	Kuchaikote	9939283508	439195700077				11451095545	26°31'40	84°21'52
49		Rampraveesh Baitha	Feku Baitha	Kuchaikote	Kuchaikote	9801391137	399026127651				575410111000016	26°35'42	84°24'55
50		Ramanand Sah	Sutini Sah	Paharpur	Kuchaikote	9771204238	271116883993				575410100000237	26°34'36	84°23'0

Cluster No. (I, II, III)	Variety and sowing details											
	Area (ha)	Variety used and release year	Crop Duration (d)	Seed rate (kg/ha)	Sowing method (line/ broadcasting/R & F/ Raised bed etc.)	Seed Treatment (Y/N)	If yes then name of the chemical/ biological agent	Source of seed (Agency )	Small/ Bold seeded	D.O.S.	Benchmark productivity of cluster (q/ha)	Soil testing (Y/N)
11	20	HUL-57 2005	120-130	12	Line Sowing	Y	PSB+Rhizobium+Fungicide( Carbendazim)	Dr. RPCAU, Pusa	Small	20-11-2019	7.8	N

Manure management		Fertilizer management (based on soil test value)										
Dose (kg/ha)	Application	N available (Kg/ha)	N applied (kg/ha)	P available (kg/ha)	P applied (kg/ha)	K Available (kg/ha)	K applied (kg/ha)	S available (Kg/ha)	S applied (kg/ha)	PH	EC %	OC %
N	N		20		45		20		12.5	0	0	0



**Crop 4: 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 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	
1.	Rapeseed and mustard	Panchali					R. Suflam, seed treatment with carbendazim, application of boron and sulphur	50	20							

**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	Crop in standing position							

**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.	Rapeseed & Mustard R. Suflam	Crop in standing Position						

**D. Oilseed Farmers' Perception of the interventions 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	Crop in standing Position					

**E. Specific Characteristics of Technology and Performance**

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Crop in standing position			

**F. Extension activities under FLD conducted:**

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	13.11.2019 , KVK, Gopalganj	25
2.	Field Visit	03.02.2020, Khem Matihiniya, Durg Matihiniya 04.02.2020, Gumaniya, Amwa Vijaypur, Shyampur, Khem Matihiniya 06.02.2020, Kala Maitihiniya, Khem Matihiniya 07.02.2020, Shobhanchak, Baliwan Sagar, Paharpur, Narayanpur	10 10 5 25
3.	Field Day	03.02.2020, Durg Matihiniya	5

### 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	(+55895	612329	(-)559107
	ii) TA/DA/POL etc. for monitoring		2673	
	iii) Extension Activities (Field day)			
	iv)Publication of literature		0	
	Return to ATARI, Patna		0	
	<b>Total</b>		<b>615002</b>	<b>(-)559107</b>

## Cluster Frontline demonstration on oilseed (2019-20)

S. N.	KV K	Name of farmer	Father Name	Address								GPS Coordinates		Crop Demonstrated
				Village	Block	District	Mob.No.	Adhar No	Input details	Cost of Inputs	Bank name & Account no	Longitude	Latitude	
1	Gopalganj	Sunil Sukul	Madan Sukul	Tiwari Matihiniya	Kuchaikote	Gopalganj	80844442033	252108987980	Seed, PSB, Carbendazim, Sulpur, Zinc, Herbicide and Insecticide	83930	105231043091	26°33'44	84°23'40	Mustard
2		Jagtanand Tiwari	Ramnandan Tiwari	Tiwari Matihiniya	Kuchaikote		9931807409				57781011000306	26°33'36	84°23'15	
3		Birjmoan Prasad	Jokhu Bhagat	Khem Matihiniya	Kuchaikote		9162691247	549071272886			11451215728	26°57'81	84°38'22	
4		Ravi Kumar	Swaminath Prasad	Khem Matihiniya	Kuchaikote		9771719322	921114534022			1005231030037915	26°57'73	84°37'96	
5		Annop Kumar Rai	Ajay Rai	Baraipatte	Gopalganj		9771097323	609205245558			3299543375	26°52'65	84°42'19	
6		Vijay Kumar Rai	Sivpujan Rai	Baraipatte	Gopalganj		9934711900	617445705167			3099564080	26°54'41	84°39'18	
7		Mahajan Prasad	Janki Prasad	Baliwan Sagar	Kuchaikote		8210977896	637651148411			36411354243	26°57'12	84°34'39	
8		Nandkishor Sah	Tilak Sah	Amba Vijaypur	Kuchaikote		7277142990	230514672934			3726982344	26°55'65	84°36'42	
9		Chandrama Bhagat	Santlal Bhagat	Khem Matihiniya	Kuchaikote		9801265886	679604849343			10523103013636	26°57'73	84°37'96	
10		Baijnath Singh	Munshi Singh	Durg Matihiniya	Kuchaikote		8804285866	375372017903			1005231010002686	26°56'48	84°39'56	
11		Prabhunath Prasad	Rana Prasad	Khem Matihiniya	Kuchaikote		91028901151	389089878545			1005231030037571	26°35'37	84°24'05	
12		Amlesh Kumar Singh	Ramniwas Singh	Durg Matihiniya	Kuchaikote		9123478383	691761964272			20568100002385	26°57'81	84°38'22	
13		Ajay Kumar Singh	Raghav Singh	Durg Matihiniya	Kuchaikote		857493229	346495684114			577810110010120	26°56'74	84°39'51	
14		Krishna Prasad	Rajwali Prasad	Durg Matihiniya	Kuchaikote		7487043311	997252238818			9951000100038295	26°56'94	84°39'45	



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35	Kunwar Giri	Rajbansi Giri	Baliwan Sagar		Kuchaiko te	993167072 6	7603797046 93			10055010100006 81	26°56'48	84°34'25	
36	Rakesh Prasad	Harinath Prasad	Bisunpura		Kuchaiko te	995552941 3	2123528807 54			10111040000851 84	26°33'24	84°24'19	
37	Avinah Kumar Ray	Ramnares h Rai	Kotnarwa n		Kuchaiko te	687094076 50	6851579845 06			10111040000910 66	26°55'91	84°32'93	
38	Hridaya Yadav	Laxman yadav	Bisunpura		Kuchaiko te	977109790 6	2453504184 37			10050510100002 012	26°33'27	84°24'23	
39	Israail Ansari	Bahadur Ansari	Bisunpura		Kuchaiko te	773904898 5	3113764212 48			10050510100034 17	26°33'38	84°24'48	
40	Babunand Bhagat	Nageshwa r Bhagat	Bisunpura		Kuchaiko te	993149708 1	9042931406 10			10050510100003 605	26°33'12	84°24'16	
41	Harihar Nath Dubey	krishanad ev Dube	Sipaya		Kuchaiko te	800221566 1	7092052077 85			11451177315	26°58'22	84°38'55	
42	Murari Prasad Gupta	Sodarshan Prasad Gupta	Khem Matihiniy a		Kuchaiko te	954681224 7	9127741047 29			18990100031329	26°57'80	84°38'19	
43	Amarjeet Yadav	Wakil Chaudhar y	Bisunpura		Kuchaiko te	997305098 7	2918692021 91			57781011000350 6	26°35'22	84°26'29	
44	Shailandr a Yadav	Raghunat h yadav	Bisunpura		Kuchaiko te	916282804 8	3719024539 46			331478994337	26°34'26	84°27'22	
45	Chandra ma Chaudhar y	Jamardar Chaudhar y	Bisunpura		Kuchaiko te	763467301 5	6862777955 85			4564108000200	26°35'18	84°26'59	
46	Pramod Kumar Tiwari	Sant Tiwari	Sobhanch ak		Kuchaiko te	773903370 8	7476194997 37			2306180492	26°57'11	84°34'38	
47	Durgesh Sah	Madan Sah	Bisunpura		Kuchaiko te	706195085 1	6065841772 25			57541011000715 4	26°34'29	84°26'27	
48	Munna Kumar Yadav	Rambali Yadav	Khem Matihiniy a		Kuchaiko te	731998816 3	4240071015 93			41200001007890 35	26°30'20	84°19'44	
49	Upendra Yadav	Daroga Yadav	Bisunpura		Kuchaiko te	725088537 4	7185344457 47			3437834778	26°35'17	84°26'48	
50	Rajbali	Phoolan Chaudhar y	Bisunpura		Kuchaiko te	966240986 0	8903813373 44			30802848504	26°35'29	84°26'55	

Cluster No. (I, II, III)	Variety and sowing details											
	Area (ha)	Variety used and release year	Crop Duration (d)	Seed rate (kg/ha)	Sowing method (line/ broadcasting/R & F/ Raised bed etc.)	Seed Treatment (Y/N)	If yes then name of the chemical/ biological agent	Source of seed (Agency )	Small/ Bold seeded	D.O.S.	Benchmark productivity of cluster (q/ha)	Soil testing (Y/N)
10	20	Rajendra Suflam 2006	130-140	5	Line Sowing	Y	Carbendazim	KVK Gopalganj	Bold Seed	15/11/2019	11.6	N

Manure management		Fertilizer management (based on soil test value)										
Dose (kg/ha)	Application	N available (Kg/ha)	N applied (kg/ha)	P available (kg/ha)	P applied (kg/ha)	K Available (kg/ha)	K applied (kg/ha)	S available (Kg/ha)	S applied (kg/ha)	PH	EC %	OC %
0	0	0	40	0	20	0	20	0	12.5	0	0	0

Zn available (kg/ha)	Zn applied (kg/ha)	B Available (kg/ha)	B applied (kg/ha)	Fe Available (kg/ha)	Fe applied (kg/ha)	Mn Available (kg/ha)	Mn applied (Kg/ha)	Cu Available (kg/ha)	Cu applied (kg/ha)	Weed management			
										Interculture operation (y/N) If yes then give details		Weedicide used (Y/N)	
										Method & DAS	Major weeds in field	Method & DAS	Dose applied (ml/kg per ha)
0	12.5	0	0	0	0	0	0	0	0	Manual 30 DAS	Chenopodium	Pre-emergence (0-3 Days)	1000 MI

Irrigation Management				Plant protection				Harvesting details		Yield (q/ha)		Economic details		
Irrigation applied (Y/N)	No. of irrigation	Crop stage/DAS	Total rainfall received (mm) during crop period	Major insect	Major disease	Control measures used in details	Problem at occurred stage/ DAS	Date and maturity	Method	Grain	Straw	Cost of cultivation	Gross income	Net income
Y	2	35 DAS, 70 DAS	20	Aphid	No	No	No	Crop Standing						

Yield enhancement due to technology name	Previous crop grown in the field	Rainfed/irrigation	Average Rainfall (mm)	Temperature (°C)			Incidence of disease and pest	If any other information, problem	Produce sold (Kg/household)	Selling rate (Rs./kg)	Produce used for their farm (kg)	Produce distributed to other farmers (kg)
				Min	Max.	Average						

### Farmers list of additional Cluster Frontline demonstration on oilseed (2019-20)

S. N.	KV K	Name of farmer	Father Name	Address							GPS Coordinates		Crop Demonstrated	
				Village	Block	District	Mob.No.	Adhar No	Input details	Cost of Inputs	Bank name & Account no	Longitude		Latitude
1	Gopalganj	Bihari Sharma	baban Sharma	Salehpur	Kuchaikote	Gopalganj	9631708841	918559032902	Seed, PSB, Carbendazim, Sulpur, Zinc, Herbicide and Insecticide	528399.00	1005231030026131			Mustard
2		Harilal Yadav	Daroga Yadav	Bisunpura	Kuchaikote		7781930028	702767179958			35499061465			
3		Pram Bhagat	Saudagar Bhagat	Khem Matihiniya	Kuchaikote		6490154375	649015437537			1005231010000903			
4		Ranjeet yadav	Birbal yadav	Ramgadwa	Kuchaikote		7633085020	408420490195			3553716590			
5		Krishkant Mishra	Bhagwati Mishra	Siswa	Kuchaikote		9600329269	560920781602			3931632588			
6		Daroga Yadav	Guli Yadav	Bisunpura	Kuchaikote		9939393527	332712663700						
7		Mukesh Dubey	Ramchandra Dubey	Narayanpur	Kuchaikote		8084416421	922363796485			575410110002721			
8		Prithwinath Dubey	Ram Prasad	Narayanpur	Kuchaikote		9801382688	566524311209			2306256293			
9		Jayprakash Singh	Ramraj Singh	Nerui	Hathwa		9234271148	399272410959			567202010001178			
10		Ravindra Kumar	Sahoddar Dubey	Narayanpur	Kuchaikote		9801686747	854717260780			575410110001326			

		dubey												
11		Surendra Dubey	Ram Prasad Dubey	Narayanpur	Kuchaikote	9330467887	437653903537				2306260913			
12		Duregesh Kumar Dubey	Raj Kishor Dubey	Narayanpur	Kuchaikote	9199548615	268971277397				33688025443			
13		Bharat Dubey	Paranath Dubey	Narayanpur	Kuchaikote	9931935317	492441862329				30332515851			
14		Ajay Dubey	Ramveer Dubey	Narayanpur	Kuchaikote	7086908707	228813545308				3292109310			
15		Prakhar Dubey	Ravendra Dubedi	Narayanpur	Kuchaikote	9431404461	869149144221				575410118005531			
16		Niteswar Dubey	Ravindra Dube	Sipaya	Kuchaikote	9006413291	291488327435				30533048557			
17		Mukesh Kumar	Dharmdev Chaudhary	Bisunpura	Kuchaikote	9579442673	613493263452				31188176399			
18		Rajesh Rai	Awadh Rai	Roopchap	Kuchaikote	9939442673	739537464896				34867554337			
19		Haji Nurul Hoda	Jainul Abeddin	Amba Vijaypur	Kuchaikote	9931703721	257182367772				1005231010003282			
20		Rajeswar Dubey	Durga Dubey	Sipaya	Kuchaikote	9199125209	414575391047				1005231010003528			
21		Maheshwar Dubey	Uday Narayan Dubey	Narayanpur	Kuchaikote	9631883373	225353769964				5754101110001897			
22		Shrikant Kumar	Maheshwar Dubey	Narayanpur	Kuchaikote	7503812490	803419368209				575410110002828			
23		Uday Shanker Sah	Joginder Sah	Khem Matihiniya	Kuchaikote	7541033824	398676489921				577810110005925			
24		Hareram Sah	Raman Sah	Khem Matihiniya	Kuchaikote	9798391240	287221183157				1005231010001431			
25		Jitentendra Choubey	Bali Chaobey	Khem Matihiniya	Kuchaikote	9934655108					7134899362			
26		Vishwajit Kumar Dubey		Narayanpur	Kuchaikote	8709524181	657192271815				575410510000307			
27		Abhishek Kumar Dubey	Rampresh Dubey	Narayanpur	Kuchaikote	7982989048	844137002267				575410110001576			
28		Brajesh Tiwari	Nagina Tiwari	Tiwari Matihiniya	Kuchaikote	6287935673	770761556293				1005231010001401			
29		Asari Tiwari	Bishun Tiwari	Tiwari Matihiniya	Kuchaikote	6287935673	612477506888				1005231030066908			
30		Abdullah Minya	Kismat Minya	Khem Matihiniya	Kuchaikote	7677189142	803888326451				4564101003810			

				a										
31	Rajkumar Singh	Rampresh Sah	Bisunpura	Kuchaikote	7970550219	521003887992				3973197861				
32	Ganesh Pandey	Devnandan Pandey	Bhojehhar	Kuchaikote	9525211514	501019436386				38831868623				
33	Rajesh Pandey				9931081863									
34	Madhu Mala Kumari	Ramanuj	Paharpur Dyal	Kuchaikote	943040178	73343237129				1634001001654				
35	Suman Kumar Dubey	Shatrudhan Dubey	Narayanpur	Kuchaikote	9934986051	782009905139				25530100011246				
36	Manish Dubey	Abdhes Kumar Dubey	Narayanpur	Kuchaikote	9939496171	333571010923				8084462121				
37	Chandeshwar Dubey	Nagendra Dubey	Narayanpur	Kuchaikote	9309958633	408915926835				19520110040072				
38	Pahwari Yadav	Ganga Visun Yadav	Kala Matihiniya	Kuchaikote	8373924281	223463758422				10055010300035317				
39	Naresh Mahto	Rama Mahto	Kala Matihiniya	Kuchaikote	8809453564	857750559344				2306264656				
40	Ramashankar Chaudhary	Laxmi Chaudhary	Kat Ghorwan	Gopalganj	9955217445	218531040360				11234812926				
41	Nisar Ahmad	Md.Hasanan	Nawada	Gopalganj	9431264913	257445756040				743300000052				
42	Avdhesh Patel	Nagina Patel	Kala Matihiniya	Kuchaikote	9931405080	810850894146				1005231010005378				
43	Ramadhar Yadav	Gudar Yadav	Kala Matihiniya	Kuchaikote	9199758487	500410199667				10055501030029581				
44	Suresh Dubey	Triveni Dubey	Narayanpur	Kuchaikote	8002295178	425772067966				575410110011278				
45	Manoj Kumar	Rajendra Prasad	Khem Matihiniya	Kuchaikote	9931977439	440393438140				577810110009372				
46	Bijli Prasad	Shivpujan Prasad	Kala Matihiniya	Kuchaikote	9162271259					577810110009372				
47	Surendra Prasad	Ram Chandan Prasad	Kala Matihiniya	Kuchaikote	9771887156	620776141563				34586430783				
48	Anil Choubey	Bali Chaobey	Khutwaniya	Kuchaikote	9546665829	856930778473				9934655108				
49	Omprakash Yadav	Shivnath Yadav	Khem Matihiniya	Kuchaikote	7250343726	225580667712				1005231010000761				

50	Amrendra Tiwari	Baldev Tiwari	Narayanpur	Kuchaikote	6201948180	960642605076	575410110003260
51	Gauri Sah	Nandkishor Sah	Khem Matihiniya	Kuchaikote	9931845833	596399190135	1005231030024090
52	Mundrika Chaudhary	Harihar Chaudhary	Narayanpur	Kuchaikote	9934280024	778745236137	2306212261
53	Parma Patel	Khomari Patel	Kala Matihiniya	Kuchaikote	9525743618	778745236137	1005501030044012
54	Raghav Dubey	Munshi Dubey	Narayanpur	Kuchaikote	9955663598	586717054783	3157090461
55	Raghendra Pandey	Rambhray Pandey	Binod Matihiniya	Kuchaikote	9006810068	851901683127	520101053118797
56	Surendra Dubey	Ganesh Dubey	Sipaya	Kuchaikote	7250288939	235625178713	1005501010000322
57	Chitransha Sahi	Munni Sahi	Baliwan Sagar	Kuchaikote	7765038706	682610482702	2306251024
58	Siya vihari Yadav	Ramashanker	Roopchap	Kuchaikote		549599922795	
59	Satyadev Dubey	Dunjia Dubey	Sipaya	Kuchaikote	7765032903	643024728081	10052321010003189
60	Santosh Chaube		Khutwaniya	Kuchaikote	8298215209	850724966217	2306165065
61	Bitori Patel	Mahashray Patel	Kala Matihiniya	Kuchaikote	8809381863	240143005635	253610100047275
62	Anirudh Ojha	Ramphare Ojha	Narayanpur	Kuchaikote	9939051532	948990929158	1830658432
63	Sugriv Chaubey	Logandev Choubey	Khutwaniya Chaubey	Kuchaikote	7475440540	204849352173	7544054042
64	Krishna Ojha	Ramphary Ojha	Narayanpur	Kuchaikote	9801652975	325360095507	2301160042
65	Uday Narayan Chaubey	Sardanand Chaubey	Khutwaniya Chaubey	Kuchaikote	9955807811	777614497798	3270405348
66	Rakesh Kumar Dubey	Vipin Dubey	Sipaya	Kuchaikote	8294603507	794417144528	4564101005718
67	Shailendra Kumar	Mankeshwar Singh	Kala Matihiniya	Kuchaikote	6205455898	664962178741	577310110002139
68	Birj Narayan Mahto	Singasan Mahto	Kala Matihiniya	Kuchaikote	9262979753	911178284750	1005231030001312
69	Santosh Mahto	Bharat Mahto	Kala Matihiniya	Kuchaikote	9801174512	980017832769	57781041000161
70	Sandeep	Anil	Khutwani	Kuchaikote	966183264	9427238383	38694585522

		Chaubey	Chaubey	ya	te		4	58					
71		Lakhichan Patel	Mangol Patel	Kala Matihiniya	Kuchaikote		9801394872	660724118088				1005231010005354	
72		Jalim Bhagat	Jagdev Bhagat	Kala Matihiniya	Kuchaikote		8294264136	320715356211				2306233300	
73		Onkar Nath Dubey	Rajnarayan Dubey	Sipaya	Kuchaikote		7322837073	533324111187				100523101003802	
74		Paras Patel	Khomari Patel	Kala Matihiniya	Kuchaikote		9525743618	276673999006				100550196941	
75		Sohil Kumar Dubey		Sipaya	Kuchaikote		7519568602	302459561266				3551210351	
76		Ramdhan i Ray	Ramagya Rai	Kala Matihiniya	Kuchaikote		9931926252	535054334492				2233437415	
77		Ramji Singh	Satynarayan Singh	Roopchap	Kuchaikote		9972603099	701698446257				3161722931	
78		Ravinandan Bhagat	Kapil dev Bhagat	Kala Matihiniya	Kuchaikote		6200325734	800858745705				575410110000608	
79		Awadhesh Kumar	Chandrika Prasad	Kala Matihiniya	Kuchaikote		8568624282	204453584396				135916003050	
80		Janak Prasad	Ganesh Parsad	Kala Matihiniya	Kuchaikote		9939667841	431030398895				575910110006385	
81		Shivji Singh	Satynarayan Singh	Kala Matihiniya	Kuchaikote		6207016696	828084452524				17912191012109	
82		Dhrupdev Prasad	Satynarayan Prasad	Kala Matihiniya	Kuchaikote		9661338189	375053811172				10055010300037441	
83		Rajeev Kumar Mishra	Radhakant Mishra	Sonaulah	Kuchaikote		9778598585	919282922163				6406200439	
84		Mankeshwar Rai	Nagnarayan Rai	Kala Matihiniya	Kuchaikote		9708278731	901725136282				10055501030034761	
85		Shambhunath Pandey	Babban Pandey	Bhawani Tola	Kuchaikote		8969645540	924436337214				2306201662	
86		Umashanker Yadav	Viran Yadav	Roopchap	Kuchaikote		9006755262	503447587756				1005231010000232	
87		Arun Kumar Singh	Kanahiya Singh	Kuchaikote	Kuchaikote		9934411482	515037519709				2442103	
88		Ashok Kumar Tiwari	Ramraj Tiwari	Sipaya	Kuchaikote		9162722427	419372447532				3964918570	

89	Vidya Rai	Mishri Rai	Sipaya Khas	Kuchaikote	9939681628	295023095366	1005231010000154
90	Shivji Yadav	Nandya Yadav	Roopchap	Kuchaikote	9162836690	244307753551	10052310100003960
91	Baijnath Sah	Arjun Sah	Roopchap	Kuchaikote	7764848554	43027580418	1005231030058866
92	Bharat Yadav	Ramchandra Yadav	Roopchap	Kuchaikote	7250096701	607546751530	100523030050488
93	Chandan Yadav	Janardhen yadav	Roopchap	Kuchaikote	857907660	620590043190	17912191018767
94	Sushil Kumar Baitha		Tola Sipaya	Kuchaikote	7250748671	663267417415	1005231010001821
95	Nandkishor Pandey	Ramchandra Pandey	Baliwan Sagar	Kuchaikote	9572205524	884645690845	3419296322
96	Shashikant Pandey		Bhano Tola	Kuchaikote	94628856	675438363254	575410110010732
97	Harikrishna Pandey	Ganesh Pandey	Kuchaikote	Kuchaikote	9334536983	584074487605	575410110003723
98	Nandlal Yadav	Butai Yadav	Domon Banjariya	Kuchaikote	9801767313	494143055685	
99	Shardana Yadav	Sitaram Yadav	Rampur	Kuchaikote	9973110581	452407361412	1005211030031890
100	Binod Yadav	Surendra Yadav	Sipaya Khas	Kuchaikote	9546432113	410216813038	1005231030020009
101	Mohan Yadav	Rajaram yadav	Rapur Tengra	Kuchaikote	9931989812	760274794000	31997897356
102	Ramod Yadav	Rajaram yadav	Rampur Tengra	Kuchaikote	7739981629	842394776195	33740100003072
103	Upendra Yadav	Ramprave sh Yadav	Rampur Tengra	Kuchaikote	6201814568	522592611687	31149245103
104	Ramprave sh Yadav	Devnanda n Yadav	Rampur Tengra	Kuchaikote	9546750065	776281960125	575510110000397
105	Umesh Yadav	Lal Babu Yadav	Khem Matihiniya	Kuchaikote	9504345042		577810110007807
106	Arbind Kumar	Bashudev Yadav	Rampur Tengra	Kuchaikote	9097203537	227258764755	253610100027040
107	Basudev Yadav	Devanand Yadav	Rampur Tengra	Kuchaikote	9937970051	266422155177	1004931010004431
108	Manoj Kumar Verma	Dinanath Prasad	Baraipatte	Kuchaikote	993465034	938268203388	11451171175
109	Dilip Kumar Yadav	Janardhan Yadav	Rampur Tengra	Kuchaikote	9852144448	916985846432	575510110003485
110	Bashisth Yadav	Gorakh Yadav	Rapur Tengra	Kuchaikote	9955248761	929404795050	33891471436
111	Gorak Yadav	Devnand Yadav	Rampur Tengra	Kuchaikote	7091839937	657169364770	11234839105
112	Munna	Ramprit	Rampur	Kuchaikote		3936959093	32457162307

		Kumar Yadav	Yadav	Tengra	te			73						
113		Guddu Kumar Yadav	Rampriti Yadav	Rampur Tengra	Kuchaikote	9065668254	644590934186					8310101317369		
114		Ramesh Bind	Jamadar Bind	Baraipatte	Kuchaikote	7634823708	378340072048					3966168272		
115		Umesh Yadav	Lal Babu Yadav	Khem Matihiniya	Kuchaikote	9504345042	854762027190					577810110007807		
116		Nitish Kumar	Surendra Rai	Sipaya Khas	Kuchaikote									
117		Bakil Rai	Thakur Rai	Tola Sipaya	Kuchaikote	7870934597	973801901777					1005231010005762		
118		Rajrohit Kumar Yadav	Kamleshwar yadav	Narayanpur	Kuchaikote	9572858966	789860061182					3475524068		
119		Anil Kumar Chaubey	Bismamitra Chaubey	Khutwaniya	Kuchaikote	9939253083	553502750710					3374010005314		
120		Chandeshwar Chaubey	Janki Chaubey	Khutwaniya	Kuchaikote	6204517047	664440382466					2306272907		
121		Devendra Chaubey	Akshuywar Chaubey	Khutwaniya	Kuchaikote	7764855290	728330359795					520331002719104		
122		Rupesh Chaubey	Sharmananda Chaubey	Khutwaniya	Kuchaikote	9155054298	421224442378					3267953928		
123		Arun Chaubey	Ponwan Chaubey	Khutwaniya	Kuchaikote	9162235715	655453733935					2306169296		
124		Shivkumar Tiwari	Jagnath Tiwari	Sipaya	Kuchaikote	7294162342	538905011634					1005231010007081		
125		Raj Kumar Yadav	Paryag Yadav	Narayanpur	Kuchaikote	8676065764	306354746972					37304103180		
126		Niraj Gond	Basant Sah	Narayanpur	Kuchaikote	7079815253	228959738739					575410110008588		
127		Mukesh Chaubey	Chandra Bhushan Chaubey	Khutwaniya	Kuchaikote	9708804750	273526276396					31882413435		
128		Chandrabhushan Chaubey	RamchiJ Chaubey	Khutwaniya	Kuchaikote	9939042331	783339865540					11227108734		
129		Rajkumar Chaubey	Suvash Chaubey	Khutwaniya	Kuchaikote	8757067040	666790617263							
130		Suneshwar Chaubey	Rudal Chaubey	Khutwaniya	Kuchaikote	9955691812	667886034319					575410110001550		
131		Rakesh Kumar Patel	Ghosh Patel	Khutwaniya	Kuchaikote	8763798928	605230780006					575410110009402		
132		Munna Ray	Mahasary Rai	Kala Matihiniya	Kuchaikote	9006866484	351295529769					3968543151		

				a									
133	Manjay Kumar	Hakim Ray	Bishambh arpur	Kuchaiko te	9065770970	297511760063					2310101319707		
134	Amit Kumar Chaubey	Ravindra Chaubey	Khutwani ya	Kuchaiko te	7352553340	734363837613					575410110004001		
135	Algu Mahto	Birchha Mahto	Sipaya	Kuchaiko te	9109362078	572929691078					1005231010002725		
136	Anil Kumar	Sheosharn Yadav	Tola Sipaya	Kuchaiko te	7277464656	535457344508					575410110008741		
137	Nirbhay Tiwari	Vishwanath Tiwari	Tola Sipaya	Kuchaiko te	7970734895	201009325391					3968891541		
138	Ranjay Yadav	Chandrama Yadav	Salehpur	Kuchaiko te	7388179100	724356964619					30809774973		
139	Sri Ram Prasad	Shivbachhan prasad	Khem Matihiniya	Kuchaiko te	9661683932	405823462969					33740100001396		
140	Ashok Giri	Gauri Shankar	Shyampur	Kuchaiko te	9955975916	465087485311					11451135262		
141	Pankaj Kumar Giri	Duraga Giri	Shyampur	Kuchaiko te	6351769694	369515450616					577810410000056		
142	Abhay Kumar Dubey	Jitendrd Dubey	Narayanpur	Kuchaiko te	7857724772	225593420863					3971153257		
143	Suvash Shah	Kailash Sah	Tola Sipaya	Kuchaiko te	8873290841	449770880647					2306168798		
144	Sumit Kumar Dubey	Shatrudhan Dubey	Narayanpur	Kuchaiko te	9934986051	782009905139					25530100011246		
145	Shri Ram Dubey	Chandradev Dubey	Narayanpur	Kuchaiko te	9955887548	533334514772							
146	Ramdulay Yadav	Harihar Yadav	Narayanpur	Kuchaiko te	6202387712	662545085026					1005231010000283		
147	Vijay Kumar Prasad	Chandrabali Singh	Khem Matihiniya	Kuchaiko te	9162903881	431158241138					27604509856		
148	Santosh Sharma	Lalan Sharma	Tola Sipaya	Kuchaiko te	9934017648	510699879358							
149	Saukat Ali	Bala Hussain	Kala Matihiniya	Kuchaiko te	8789745971	996246667733							
150	Binay Kumar Singh	Chandrabali Singh	Khem Matihiniya	Kuchaiko te	7696416422	921560076790					32248451750		
151	Jaychandra Kumar	Rajmangal Sah	Narayanpur	Kuchaiko te	74889882595	393634624944					3682594835		
152	Anup Kumar Prasad	Dharamdev	Narayanpur	Kuchaiko te	8210684359	786245829169					57541011000		
153	Binod Yadav	Cholkat Yadav	Sipaya Khas	Kuchaiko te	8507656520	607530441127					1005231010002519		
154	Pradeep	Ramayod	Banwa	Kuchaiko	977188165	6684494371					57541011001201		

		Kumar	hy Prasad	Tola	te	1	68						
155		Shivnath Tiware	Jaganath Tiware	Tola Sipaya	Kuchaiko te	732091251 8	8998675635 79			2306216498			
156		Nogendra Kumar Baitha	Rampukar Baitha	Sipaya	Kuchaiko te	900641008 2	4341304639 27			36424961310			
157		Norad Choubey	Lagandev Chaubey	Khutwani ya	Kuchaiko te	732088011 0	3031593737 98			57541011000431 6			
158		Amresh Kumar Chaubey	Sugriv Chaubey	Khutwani ya	Kuchaiko te	834058525 8	8026962802 44			32891542394			
159		Avadh Vihari Pathak	Mani Phathak	Balthari	Kuchaiko te	749184531 0	8040532524 47			57571011000759 3			
160		Jitendra Kushwah a	Baharam Kushwaha	Kala Matihiniy a	Kuchaiko te	993431252 1	2077077902 31			57781011000540 8			
161		Laldei Devi	Baharam Prasad	Kala Matihiniy a	Kuchaiko te	993431252 1	4464661812 86			35554568836			
162		Vimal Chaubey	Lal babu Chaubey	Khutwani ya	Kuchaiko te	797980991 0	3655726231 98			30622506290			
163		Munna Kumar Chaubey	Vijay Bahadur Chaubey	Khutwani ya	Kuchaiko te	725088149 4	7505325725 85			31798048331			
164		Bhupesh Kumar Singh	jai deo Narayan	Karmaini Mohabbat	Kuchaiko te	993141450 5	5876754662 46			11451095487			
165		Ramdular Prasad	Devanara yan	Karmaini Mohabbat	Kuchaiko te	993472819 6	4503395382 89			2133533745			
166		Niva Kumari	Akhilesh Ray	Chabey Chak	Gopalgan j	950480206 4	3294186028 88			3109094247			
167		Manoj Tiware	Jaiprakash Tiware	Bishambh arpur	Kuchaiko te	808398425 1	9404093286 83						
168		Nandji Ray	Chandradi p Ray	Kala Matihiniy a	Kuchaiko te	800221602 6	3035273212 05			11234745764			
169		Angad Ojha	Satyanara yan	Tola Sipaya	Kuchaiko te	900689089 1	9086154993 62			10052310300100 48			
170		Mahanta Sah	Ramawata r Sah	Tola Sipaya	Kuchaiko te	977194053 3	8978734734 09			10052310100027 00			
171		Munna Kumar Yadav	Hari Yadav	Domon Banjariya	Gopalgan j	909760703 9	9284995493 91			10051810300849 4			
172		Shambhu Sharma	Nagina Sharma	Bantail	Kuchaiko te	993449927 7	6942657207 53			10051810300996 09			
173		Raghav Ram	Jagan Ram	Bantail	Kuchaiko te	916264289 5	7790164607 96						
174		Sandeep Kumar Ram	Rampati Ram	Bantail	Kuchaiko te	993137723 9	9130860691 73			46901011000659 8			
175		Narendra Kuamr	Jong Bahadur	Shyampur	Kuchaiko te	829461340 7	9537906764 24			11234774319			

		Rai												
176		Adalat Rai	Alakh dev Rai	Bhasai	Kuchaiko te	8002613473	541945000726							
177		Abhimanu Pandey	Anirudh Pandey	Bantail	Kuchaiko te	7766964704	915554483514				575410110010177			
178		Birendra Pandey	Rampuju Pandey	Bantail	Kuchaiko te	9798055376	876092561906				575410110000699			
179		Durgesh Kumar Pandey	Prem Chandra Pandey	Bantail	Kuchaiko te	9162141552	345098927697				575410110009879			
180		Govindjee Tiwari	Achutanand Tiwari	Tola Sipaya	Kuchaiko te	8521368172	708370505064				1005231010003279			
181		Parbhakar Pandey	Hari Narayan Pandey	Bhojchha per	Kuchaiko te	9006890880	519313568494				3366743971			
182		Subhas Pandey	Chandred ev Pandey	Bhami Tola	Kuchaiko te	9570905078	736930840452				575410110004193			
183		Durgawati Devi	Paspati Mahto	Salehpur	Kuchaiko te	7739960837	921633254591				198800101004908			
184		Nandu Patel	Manilal Patel	Kala Matihiniya	Kuchaiko te	9939712238	454193148007				3621108003273			
185		Radhika Devi	Radha Ray	Siswa	Kuchaiko te	9752554695	356798407503				007810012937			
186		Baban Pandey	Jagarnath Pandey	Bhami Tola	Kuchaiko te	8969645540	284675516984				3938000300121237			
187		Krishna Ray	Badsha Ray	Siswa	Kuchaiko te	9939329699	418442316209				3931621463			
188		Kasim Minya	Mohamqdin Minya	Siswa	Kuchaiko te	9939835285	562921009469				1005231010002081			
189		Gouri Shankar Yadav	Sahdev Yadav	Bhojchha per	Kuchaiko te									
190		Rita Devi	Munna Ray	Kala Matihiniya	Kuchaiko te		717318830705				4021024575			
191		Pramila Devi	Musafir Ray	Kala Matihiniya	Kuchaiko te	9708424879	438443179255				1005501030035614			
192		Pradeep Kumar	Baidhnath Prasad	Khem Matihiniya	Kuchaiko te	9110123836	988303559807				86642772332			
193		Sandeep Kumar	Baidhnath Prasad	Khem Matihiniya	Kuchaiko te	9430553560	317362368952				17912121002088			
194		Vaijnath Prasad	Shivbachan Prasad	Khem Matihiniya	Kuchaiko te	9661683952	454286651010				577810110011342			
195		Virendra Pandey	Jaleshwar Pandey	Tola Sipaya	Kuchaiko te		250797834491				34641241832			
196		Daroga Kumar Yadav	Mahagan Yadav	Bhami Tola	Kuchaiko te	9973200453	326976185145							

197	Akash Kumar	Anil Prasad	Roopchap	Kuchaiko te	9162018180	891748769274			38476525968			
198	Vikash Kumar Kushwaha	Chandeshwar Prasad	Roopchap	Kuchaiko te	8292540403	788743362681			577810110006555			
199	Vijay Prasad Gupta	Sudam Prasad	Khem Matihiniya	Kuchaiko te	9852626615	971458520443			1005231330004405			
200	Ajay Prasad Gupta	Sudam Prasad	Khem Matihiniya	Kuchaiko te	9852626615	361254226918			577810110001674			
201	Ajay Kunwar	Sadhu Kunwar	Baraipatte	Kuchaiko te	9939429587	901786859298			253610100066793			
202	Omprakash Sah	Kanhailal Sah	Baraipatte	Kuchaiko te	7739604012	687391060109						
203	Yogendra Chaudhary		Khlgaoan	Panchdeori	9650522496	389120780200			3972336273			
204	Varun Rai	J.S. Rai	Chailwa	Gopalganj	9934686906	531916015914			32358672729			
205	Motilal Yadav	Nawabi Yadav	Kala Matihiniya	Kuchaiko te	8863865441	523985977014			1005501030012912			
206	Rajkishor Prasad	Dharmdev Prasad	Khem Matihiniya	Kuchaiko te	9931367701	979383765105			33740100000358			
207	Sunita Devi	Vimal Choubey	Khutwaniya	Kuchaiko te	9934631686	443667786996			36308821944			
208	Radheshyam yadav	Kumela Yadav	Sipaya Khas	Kuchaiko te	9801172850	996884838762			1005231010002141			
209	Paras Yadav	Kuver Yadav	Karanpura	Kuchaiko te	9973181182	990393572533			575510110003354			
210	Md. Alam	Shekh Makhmool	Salehpur	Kuchaiko te	9162142811	794720838534			2306214683			
211	Ramprवेश Prasad	Raj Roshan Prasad	Khem Matihiniya	Kuchaiko te	8804020006	542569729494			1005231030108431			
212	Sandeep Kumar	Brij Kishor Prasad	Roopchap	Kuchaiko te	9631527390	715152329102			10052310300050617			
213	Gautam Kumar	Chandrika Prasad	Roopchap	Kuchaiko te	9546204812	911965139192			1005231030050426			
214	Sudhir Kumar Choubey	Babuna Chaubey	Khutwaniya	Kuchaiko te	7909030979	840468765880			575410110011235			
215	Bundela Choudhary	Ramsukal Chaudhary	Bhojchha per	Kuchaiko te	9771649331	904098269093			11451238393			
216	Bairister Prasad Singh		Khem Matihiniya	Kuchaiko te	7070237411	760781081266			1005231010000119			

217	Panwa Devi	Mahesh Ray	Roopchap	Kuchaiko te		4210221259 22		10052310300762 35				
218	Hirdaya Sah	Achelal Sah	Khem Matihiniya	Kuchaiko te	957295922 7							
219	Upendra Yadav	Ramakant Yadav	Tola Sipaya	Kuchaiko te	912316607 1	9949347064 14		19880010100059				
220	Sayeadev Kumar Yadav	Sudama Yadav	Diyar Bijaypur	Kuchaiko te	912264804 1	3961932224 47		66666288000821 6				
221	Bhola Miyan	Mohamad in Minaya	Tiwari Matihiniya	Kuchaiko te	808442819 3	9454471760 54		34641241311				
222	Maya Devi	Arjun Ram	Barnaiya	Kuchaiko te	980159251 3	9215993897 40		3337831748				
223	Dharm Shila Devi	Hiralal Ram	Barnaiya	Kuchaiko te	880944101 6	8346812415 29		3521423161				
224	Gyanti Devi	Harkesh Ram	Barnaiya	Kuchaiko te	919999256 6	5469777596 56		57541011000271 5				
225	Kusum Devi	Ramjatan Ram	Barnaiya	Kuchaiko te	916267913 0	3817658313 71		57541011000947 2				
226	Lal Devi	Banka Mahto	Barnaiya	Kuchaiko te	703336941 3	9413175919 95		57541011000444 0				
227	Sunita DEvi	Ashok Ram	Barnaiya	Kuchaiko te	919971334 3	3301092431 12		57541011000356 9				
228	Bhabhikh an Singh	Kapildeo Singh	Khem Matihiniya	Kuchaiko te	880954838 8	2630767148 16		10052310300023 963				
229	Gulshan Kumar Gautam	Binod Kumar Singh	Baraipatte	Kuchaiko te	912279965 3	9536459270 94		4000111111				
230	Gautam Chaubey	Bhaginath Chaubey	Khutwaniya		829457405 2	4323629479 53		57781011000451 7				
231	Raviranjan Pandey	Suneshwar Pandey	Narayanpur	Kuchaiko te	916279008 1	6217022517 41		50754101100069 12				
232	Rajesh Kumar	Hirdya Nand	Khem Matihiniya	Kuchaiko te	821068439 3	3055396768 06		071001500834				
233	Adalat Yadav	Bindhyachal Yadav	Khem Matihiniya	Kuchaiko te	954667857 2	5472581020 33		4564101007571				
234	Ramnath Ram	Leda Ram	Narayanpur	Kuchaiko te	785897485 2	9241301405 39		33858449489				
235	Sachidanand Ram	Ramnath Ram	Narayanpur	Kuchaiko te	785897485 2	7810595098 74		3242031420				
236	Rambharosha Yadav	Motilal Yadav	Khem Matihiniya	Kuchaiko te	993446540 0	9683144995 52		10052310300290 02				
237	Munna Yadav	Ramdev	Khem Matihiniya	Kuchaiko te	909759210 8	3500499747 78		100523643156				
238	Shri	Dharmend	Belthari	Kuchaiko	725087955	9259168129		74442200052313				

		Prakash Phathak	ra Phathak		te		9	36						
239		Sideshwar Chaubey	Tribhuwan Chaubey	Khutwaniya	Kuchaikote		9939236481	553421949447				57541010003751		
240		Chandrabhushan Chaubey	Ramdas Chaubey	Khutwaniya	Kuchaikote		9939947415	983519548373				807810012784		
241		Hariom Shahi	Sudama Shahi	Belthari	Kuchaikote		9973131593	881016260601				223399135		
242		Sudhasu Pathak	Dharmendra Phathak	Belthari	Kuchaikote		9934995656	551138263239				11451223444		
243		Haresh Dubey	Ramchandar Dubey	Narayanpur	Kuchaikote		7557724772	696338815377				575410110003375		
244		Mithlesh Kumar Dubey	Parshuram Dubey	Narayanpur	Kuchaikote			841002233985				575410110001905		
245		Basanti Prasad	Vikram Prasad	Roopchap	Kuchaikote		8809835509	992527525489				4951000100069408		
246		Hakiman Miyan	Tejbun Miyan	Sipaya Khas	Kuchaikote		9755199224	787534168934				1005231010003211		
247		Gobardhan Chaubey	naina Chaubey	Khutwaniya	Kuchaikote		7463948261	254040403966				3323950874		
248		Abdesh Pathak	Janardhan Pathak	Khutwaniya	Kuchaikote		9122150086	302997402314				38167751795		
249		Kameshwar Chaubey	Janak Raj	Khutwaniya	Kuchaikote		8002728210	235612859759				23062258520		
250		Dharmendra Chaubey	Kashi Nath Chaubey	Khutwaniya	Kuchaikote		9931321385	756845982222				2306264339		
251		Sandeep Kumar Singh	Shambhunath Rai	Shyampur	Kuchaikote		9354698897	396010327106				11234837826		
252		Buchi Thakur	Shiv Nath Thkur	Shyampur	Kuchaikote		8651173595	571676122889				74442200047508		
253		Kishor Kunal	Datarey Nath	Baliwan Sagar	Kuchaikote		9725943107	478594195374				33159137622		
254		Sandeep Kumar Pandey	Biyas Pandey	Baliwan Sagar	Kuchaikote		9846962084	490845176879				575410110007472		
255		Ramakant Rai	Banka Rai	Roopchap	Kuchaikote			906704152347				10052310301203474		
256		Umesh Sah	Narasinha Sah	Baliwan Sagar	Kuchaikote		8002629880	972691364333				1005501010001003		
257		Dhup Prasad	Bhagrasan Prasad	Rajokhar	Gopalganj		8969481925	592107568496				11226921432		
258		Rajbali Prasad	Madai Prasad	Roopchap	Kuchaikote		9097554585	741149186744				1005231010000190		
259		Akhileshwar Chaubey	Paras Chaubey	Khutwaniya	Kuchaikote		9546572805	540427181528				2306220175		

260		Ramakant Sharma	Ram Nagina Sharma	Tiwari Matihiniya	Kuchaikote		9931042083	835232196416			1005231030019515			
261		Hari Narayan Singh	Yamuna Singh	Rajokhar	Gopalganj		9006571828	869804631616			222901000002392			
262		Ruknuddin Ansari	Anayat Hussain	Gumaniya	Kuchaikote		7749490002	425230549437			577810110000077			
263		Chandan Kumar yadav	Umashankar Yadav	Bhami Tola	Kuchaikote		8677938575	790846043267			575410110002863			
264		Ranjeet yadav	Jatashankar yadav	Bhami Tola	Kuchaikote		8969104845	751318847974			575410110001645			
265		Bhawani Datt Pandey	Gangandhar Pandey	Bankata	Kuchaikote		9973382827	367928169941			74442200052014			
266		Md. Habib Minya	Abdul Miyan	Diyar Bijaypur	Kuchaikote			659161209463			577818210008032			
267		Shiv Shankar Pandey	Bindeshwari pandey	Baliwan Sagar	Kuchaikote		9771342001	766288940316			1005501010005461			
268		Manish Kumar Chaubey	udainarayana Chaubey	Khutwaniya	Kuchaikote		7371810756	509126538957			575410510000495			
269		Rajeev Kumar Mishra	Ashok Ram	Bhattwarup	Kuchaikote		7766964387	405930450841			3954187684			
270		Umashanker Singh	Bharat Kishor Singh	Rampur Madho	Kuchaikote		9199271567	666763910426			9951000100022081			
271		Basant Kumar Yadav	Harendra yadav	Khem Matihiniya	Kuchaikote		9852458101	716724246897			577810110006610			
272		Pintu Singh	Prabha Singh	Dhamapaker	Kuchaikote		9006329273				33740100005330			
273		Ashok Yadav	Tilak Yadav	Roopchap	Kuchaikote		9852840246	541620291529			1005231010063959			
274		Mithilesh Kumar	Upendra Kumar	Roopchap	Kuchaikote		9852757161	356674792639			1005231030009950			
275		Madhu Devi	Jitendra	Diar Vijaypur	Kuchaikote									
276		Krishna Kumar Gupta	Rajee Sah	Baliwan Sagar	Kuchaikote		7070557423	474181977791			11451225259			
277		Dharmendra Kumar Verma	Lalchand Prasad	Durg Matihiniya	Kuchaikote		9815165766	295969933053			11451243121			
278		Ajaj Alam	Manjoor	Rampur mukund	Kuchaikote		6307184595	889023463437						
279		Rameshwar Pandit	Lakshmi Pandit	Khem Matihiniya	Kuchaikote		9471203010	411037539129			1005231010002044			

280	Satendra Sharma	Lalan Sharma	Tola Sipaya	Kuchaiko te	9934017648	405681288457	1005231010003018
281	Nathu Sharma	Ramanand Sharma	Bishambh arpur	Kuchaiko te	8979728693	679966524669	2306263310
282	Pradeep Kumar	Indramal Yadav	Rampur	Kuchaiko te	8860540713	680558325979	10049311030079861
283	Manoj Kumar	Chandrab ali Prasad	Khem Matihiniya	Kuchaiko te	9931681230	719462435803	1005231010003270
284	Dinesh Kumar	Chandrab ali Singh	Khem Matihiniya	Kuchaiko te	8757383813	397954477858	9951000100039957
285	Indramal Yadav	Radha Yadav	Rampur Tengra	Kuchaiko te	8956283754	307194711385	3938001700024263
286	Deepranj an Kumar Prasad	Santosh Prasad	Banariya Ghokhul	Kuchaiko te	7033369413	224448437661	4005802397
287	Bazir Ansari	Samser Ansari	Banariya Ghokhul	Kuchaiko te		893940663126	2233515239
288	Nagendra Dubey	Suraj Dubey	Banariya Ghokhul	Kuchaiko te	9955024087	440723042764	2306182412
289	Ramnares h Yadav	Rampint yadav	Banariya Ghokhul	Kuchaiko te	9801665947	628721081221	1005231010004798
290	Altaf Raja	Mogal Amad	Banariya Ghokhul	Kuchaiko te	7250901413	829900298312	3539613695
291	Ram Narayan Rai	Chokat Ray	Sipaya Khas	Kuchaiko te			
292	Narendra Kumar Ojha	Raghunath Ojha	Tiwari Matihiniya	Kuchaiko te	9931411576	532405008003	1005231010002211
293	Shahid Raja	Abdul Latif	Shyampur	Kuchaiko te	9155054172	656957724815	20376808953
294	Pushpendra Kumar	Ramprave sh Yadav	Rampur Tengra	Kuchaiko te	8709673715	576378668141	34417576615
295	Asha Devi	Ramprave sh Yadav	Rampur Tengra	Kuchaiko te	9546750065	395389636021	2310108315510
296	Rajesh Rai	ShankarR ay	Sipaya Khas	Kuchaiko te	9973216207	745077015706	1005231030023741
297	Shankar Rai	Laxman Rai	Sipaya Khas	Kuchaiko te	9117413153	231084317911	1005231010001256
298	Chhotelal Sah	Meghalay	Purkhas	Kuchaiko te	7783082072	866183901261	1005441010002930
299	Manoranjan Kumar Singh	Bharat Prasad	Hasanpur	Barauli	9297954523	472226849277	1005231030136403
300	Ram ji Ram	Bikaram Ram	Kala Matihiniya	Kuchaiko te	9939454642	895938195780	114511113146
301	Sateyendra Prasad	Rajaram Prasad	Khem Matihiniya	Kuchaiko te	8368154862		100523103005476
302	Rajmati	Ramnares	Kala	Kuchaiko	950463191	4201340996	10055010300425

		Devi	h Patel	Matihiniya	te	6	18			27			
303		Umesh Kumar Dubey	Rajnaran Dubey	Sipaya Khas	Kuchaikote	9801232185	380634642423						
304		Sunil Singh	Badsah Singh	Karanpura	Kuchaikote	9661025113	453129911550			11451227483			
305		Manjesh Rai	Sachita Nandan Rai	Sipaya Khas	Kuchaikote	9608487253	612796863968			1005231030109414			
306		Ram Ratan Rai	Tukka Rai	Sipaya Khas	Kuchaikote	7970540481	355489724912			11227062594			
307		Lavnarayan Prasad	Raja Ram Prasad	Khem Matihiniya	Kuchaikote	9939395192	741616686608			30574698767			
308		Rajaram Prasad	Sitaram Prasad	Khem Matihiniya	Kuchaikote	8804920522	885189181399			1005231030143302			
309		Paras Rai	Somnath Rai	Roopchap	Kuchaikote		832807082743			1005231030017023			
310		Kumanti Devi	Vijay Rai	Baraipatte	Kuchaikote	9771097323	962987276913			1005231030060791			
311		Amit Raj	Jaleshwar Nath Rai	Baraipatte	Kuchaikote	9973053114	397520269125			1005231030129504			
312		Ramesh Singh	Devndra Singh	Baraipatte	Kuchaikote	9973200546	966473331411			3205086281			
313		Ujwal Kumar	Jaleshwar	Baraipatte	Kuchaikote	9471041290	670932842019			1005231030025940			
314		Jaleshwar Nath Rai	Mangal Rai	Baraipatte	Kuchaikote	7992253653	935518033929			10052310110002027			
315		Adarsh Kumar Rai	Ashok Rai	Baraipatte	Kuchaikote	9973002094	978707268973			1005231030060685			
316		Prince Kumar Singh	Harendra Singh	Kakarkund	Vijaypur	8789341539	258300554146			20376798965			
317		Bimla Devi	Surendra Prasad	Kala Matihiniya	Kuchaikote	7321930964	366670950255			1005231010001785			
318		Kushnaran Prasad	Rajaram Prasad	Khem Matihiniya	Kuchaikote		541411578543			1005231010002012			
319		Chhuttu Kumar Sah	Shankar Sah	Durg Matihiniya	Kuchaikote	8804274875	271769638868			1005231030043190			
320		Harichandra Singh	Rajaram Singh	Khem Matihiniya	Kuchaikote	9546305004	816509962161			1005231030118898			
321		Suraj Kumar	Ram Ekbal Thakur	Tola Sipaya	Kuchaikote	9771029466	416568796246			1005231030147324			
322		Dharmendra	Surayabali Prasad	Khem Matihiniya	Kuchaikote	6299447026	349200982412			1005231010003362			

		Prasad		a									
323		Birendra Rai	Shivnath Ray	Sipaya Khas	Kuchaikote			989300234851			1005231030084186		
324		Manoj Rai	Ramratan Rai	Sipaya Khas	Kuchaikote	6204249684		719698947570			32056886161		
325		Bebi Kumari	Pappu Rai	Sipaya Khas	Kuchaikote	6205395567		331663444933			10052331937872		



















Thematic Area	No. of Course s	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

### F) Extension Personnel (Off Campus)

Thematic Area	No. of Course s	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	3	81	3	84	12	0	12	0	0	0	88	3	91
Integrated Pest Management													
Integrated Nutrient management	1	13	12	25	0	0	0	0	0	0	13	12	25
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	1	24	0	24	1	0	1	0	0	0	25	0	25
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care	1	0	22	22	0	3	3	0	0	0	0	25	25







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				
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														
<b>IX. Production of Inputs at site</b>														
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														
<b>X. Capacity Building and Group Dynamics</b>														
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														
<b>XI Agro-forestry</b>														
Production technologies														
Nursery management														
Integrated Farming Systems														
TOTAL														
<b>XII. Others (Pl. specify)</b>														
<b>TOTAL</b>	<b>77</b>	<b>1357</b>	<b>191</b>	<b>1548</b>	<b>148</b>	<b>299</b>	<b>447</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1527</b>	<b>463</b>	<b>1990</b>	

## ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Mushroom Production	2	24	9	33	2	16	18	0	0	0	26	25	51
Bee-keeping													
Integrated farming													
Seed production	1	25	0	25	4	0	4	0	0	0	29	0	29
Integrated crop management	1	19	0	19	2	0	2	0	0	0	21	0	21
Production of organic inputs													
Planting material production	1	21	0	21	4	0	4	0	0	0	25	0	25
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	1	25	0	25	0	0	0	0	0	0	25	0	25
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													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise	2	0	26	26	0	26	26	0	0	0	0	52	52

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			
development													
Others if any (ICT application in agriculture)													
<b>TOTAL</b>	12	200	57	257	20	44	64	0	0	0	220	101	321

### iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	3	81	3	84	12	0	12	0	0	0	88	3	91
Integrated Pest Management													
Integrated Nutrient management	1	13	12	25	0	0	0	0	0	0	13	12	25
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	1	24	0	24	1	0	1	0	0	0	25	0	25
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	40	8	48	4	0	4	0	0	0	44	8	52
Women and Child care	1	0	22	22	0	3	3	0	0	0	0	25	25
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
<b>TOTAL</b>	<b>7</b>	<b>158</b>	<b>45</b>	<b>203</b>	<b>17</b>	<b>3</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170</b>	<b>48</b>	<b>218</b>

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
<b>Agronomy</b>										
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 autumn 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
06.04.19	PF	Scientific cultivation of spring sugarcane	1	Off	24	1	25	3	0	3
03.05.19	PF	Nursery management in paddy	1	Off	21	0	21	2	0	2
19.06.19	PF	Fertilizer management in kharif paddy	1	On	21	0	21	2	0	2
21.06.19	PF	Scientific cultivation of kharif pigeonpea	1	Off	21	0	21	2	0	2
22.06.19	PF	Technique of raising paddy in SRI method	1	Off	23	1	24	3	0	3
27.07.19	PF	Direct seeded paddy production technique	1	On	25	5	30	3	3	6
29.07.19	PF	Scientific cultivation of kharif pigeonpea	1	On	24	1	25	2	0	2
13.09.19	PF	Weed management in kharif paddy	1	Off	25	0	25	4	0	4
28.10.19	PF	Intercropping in autumn sugarcane	1	On	16	9	25	4	4	8
13.11.19	PF	Cultivation technique of rabi oilseed	1	On	25	0	25	2	0	2
14.11.19	PF	Cultivation practices in	1	On	25	0	25	3	0	3

		rabi pulses								
26.11.19	PF	Modern technique of raising wheat crop	1	On	25	0	25	3	3	6
20.12.19	PF	Intercropping in autumn planted sugarcane	1	off	25	0	25	4	0	4
21.12.19	PF	Zero tillage technique of wheat cultivation	1	off	25	0	25	1	0	1
<b>Plant Protection</b>										
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 of moong crop	1	Off	24	1	25	2	1	3
12.04.19	PF	IPM in vegetable crop	1	Off	18	18	36	1	4	5
26.05.19	PF	Management of insect pest in green gram	1	Off	21	4	25	1	2	3
01.06.19	PF	Insect Pest Management in sugarcane	1	Off	26	0	26	3	0	3
17.06.19	PF	IPM in Guava	1	Off	21	0	21	0	0	0
21.06.19	PF	IPM in mango and litchi	1	Off	24	1	25	5	0	5
24.06.19	PF	IPM in cow pea	1	Off	23	2	25	4	0	4
19.09.19	PF	IPM in paddy crop	1	On	29	0	29	3	0	3
11.10.19	PF	IPM in paddy crop	1	On	17	0	17	1	0	1
05.12.19	PF	Button mushroom production	1	On	25	9	34	3	7	10
23.12.19	PF	IPM in oilseed crop	11	Off	25	0	25	2	0	2
<b>Animal Science</b>										
22.01.19	PF	Poultry Production by FPO	1	Off	27	0	27	3	0	3
26-27 <sup>th</sup> February, 19	PF	Reproductive problem in cattle	2	Off	25	0	25	1	0	1
<b>Horticulture</b>										
10.01.19	PF	Management of young orchard	1	Off	27	0	27	2	0	2
27.02.19	PF	INM in horticultural crops	1	Off	28	0	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
27.04.19	PF	Orchard planning, layout and planting system	1	On	25	0	25	0	0	0
28.05.19	PF	Cultivation of elephant foot yam	1	Off	25	0	25	3	0	3
22.06.19	PF	Intercropping in orchards for enhanced income	1	Off	22	3	25	3	0	3
28.06.19	PF	Plant propagation techniques in mango and litchi	1	Off	25	0	25	0	0	0
20.07.19	PF	Management of newly established orchard of mango and litchi	1	Off	26	0	26	1	0	1
26.07.19	PF	Nursery management of vegetable crops	1	On	30	0	30	0	0	0
06.08.19	PF	Cultivation of mango and litchi	1	Off	25	0	25	1	0	1
23.09.19	PF	Cultivation of broccoli	1	Off	25	0	25	0	0	0
25.09.19	PF	Propagation techniques in rose and marigold	1	Off	24	1	25	6	0	6
23.10.19	PF	INM on winter season vegetables	1	Off	23	2	25	13	2	15
15.11.19	PF	Cultivation of Potato	1	Off	18	7	25	3	6	9
19.11.19	PF	Cultivation of tomato	1	On	25	0	25	3	0	3
03.12.19	PF	Protected cultivation of vegetable	1	Off	19	6	25	0	0	0
20.12.19	PF	Cultivation of papaya	1	On	25	0	25	5	0	5
<b>Agriculture Engineering</b>										
04.01.19	PF	Introduction to farm mechanization	1	On	21	0	21	0	0	0
07.01.19	PF	Special farm	1	Off	23	0	23	4	0	4

		machines for sugarcane								
19.03.19	PF	Irrigation technologies in summer vegetables	1	Off	23	3	26	0	0	0
23.04.19	PF	Selection, Operation, safety and maintenance of improved tillage equipment	1	Off	23	2	25	0	0	0
27.05.19	PF	Direct seeding of paddy	1	Off	25	0	25	0	0	0
26.06.19	PF	Working function of drum seeder for direct seeding of paddy	1	On	25	0	25	0	10	10
27.07.19	PF	Mechanical weed management in rice crop	1	Off	23	2	25	0	0	0
22.08.19	PF	Use of laser land leveler for better yield of crops	1	Off	25	0	25	3	0	3
26.09.19	PF	Selection, Operation, safety and maintenance of improved threshing equipment	1	Off	24	1	25	0	0	0
23.10.19	PF	Gender friendly farm equipment for women farmers	1	Off	2	23	25	0	10	10
15.11.19	PF	Operation and maintenance of Zero tillage seed cum fertilizer drill	1	Off	22	3	25	0	0	0
18.10.19	PF	Installation and maintenance of micro irrigation system	1	On	23	3	26	0	0	0
21.12.19	PF	Water management through sprinkler and drip	1	Off	24	1	25	0	0	0
<b>Home Science</b>										
16.01.19	PF	Food groups and their function for	1	Off	0	25	25	0	23	23

		healthy diet								
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
16.04.19	PF	Mat making	1	On	0	26	26	0	3	3
20.06.19	PF	Preparation of mat from household waste	1	On	0	29	29	0	24	24
27.06.19	PF	Preparation of decorative items from drift wood	1	On	0	28	28	0	12	12
22.07.19	PF	Chikankari	1	Off	0	25	25	0	25	25
29.07.19	PF	Paper bag Making	1	Off	0	25	25	0	25	25
16.10.19	PF	Block Printing	1	Off	0	25	25	0	20	20
20.11.19	PF	Candle making	1	Off	0	25	25	0	24	24
26.11.19	PF	Flower decoration	1	Off	1	40	41	1	34	35
21.12.19	PF	Value addition of seasonal vegetable	1	Off	2	28	30	2	24	26
24.12.19	PF	Value addition of seasonal fruits	1	Off	2	24	26	1	17	18
<b>Agronomy</b>										
29.01.19	RY	Integrated crop management	1	On	21	0	21	2	0	2
24-28 Sep, 19	RY	Seed production technique in cereal crops	5	On	29	0	29	4	0	4
<b>Plant Protection</b>										
14 <sup>th</sup> -16 <sup>th</sup> Jan, 19	RY	Mushroom production	3	On	26	0	26	2	0	2
16 <sup>th</sup> -20 <sup>th</sup> July, 19	RY	Mushroom production	5	On	0	25	25	0	16	16
<b>Animal Science</b>										
7 <sup>th</sup> -11 <sup>th</sup> Jan, 19	RY	Cattle production	5	On	34	0	34	0	0	0
12 <sup>th</sup> -16 <sup>th</sup> March, 19	RY	Poultry Production	5	On	24	0	24	3	0	3
<b>Horticulture</b>										
23 <sup>rd</sup> -25 <sup>th</sup> Jan, 19	RY	Nursery management of horticultural crops	3	On	26	0	26	5	0	5
27 <sup>th</sup> July - 01 <sup>st</sup> Aug, 19	RY	Propagation techniques of mango and litchi	4	On	25	0	25	4	0	4
<b>Agriculture Engineering</b>										
22 <sup>nd</sup> -25 <sup>th</sup> July, 19	RY	Selection, operation, safety and	4	On	25	0	25		0	0

		maintenance of improved seeding								
<b>Home Science</b>										
24.01.19	RY	Handicrafts for raising income	1	On	10	24	34	0	2	2
26.02.19	RY	Paper bag making	1	On	0	27	27	0	11	11
5 <sup>th</sup> -8 <sup>th</sup> July, 19	RY	Paper bag making	4	On	0	25	25	0	15	15
<b>Agronomy</b>										
19.01.19	EF	INM in rabi crops	1	Off	23	2	25	4	0	4
<b>Horticulture</b>										
21.12.19	EF	INM in horticultural crops	1	Off	13	12	25	0	0.	0
<b>Plant Protection</b>										
10.01.19	EF	Management of store grain pests of cereals and pulses crops	1	Off	30	1	31	3	0	3
20.09.19	EF	IPM in Paddy crop	1	Off	35	0	35	5	0	5
<b>Agriculture Engineering</b>										
23.09.19	EF	Selection, operation, safety and maintenance of improved seeding equipments	1	Off	25	0	25	1	0	1
<b>Home Science</b>										
20.08.19	EF	Protein energy malnutrition	1	Off	0	25	25	0	3	3
18.09.19	EF	Nutrition Garden	1	On	44	8	52	4	0	4

### 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			Nos. of persons employed elsewhere
				Male	Female	Total	Type of units	No. of units	No. of persons employed	
Cattle	Dairying	Cattle production	5	34	0	34				
Poultry	Poultry production	Poultry production	5	24	0	24	Layer	10	30	
Mushroom	Mushroom Production	Mushroom Production	5	0	25	25				
Crop	Crop production	Crop production	5	29	0	29				

Repair and maintenance	Selection, operation, safety and maintenance of improved seeding	Selection, operation, safety and maintenance of improved seeding	4	25	0	25				
Paper bag	Paper bag making	Paper bag making	4 day	0	25	25				
Nursery	Nursery management	Nursery management	4 days	25	0	25				

\*training title should specify the major technology /skill transferred

## I) Sponsored Training Programmes

S. N.	Title	Thematic area	Month	Duration (days)	Client PF/ RY/ EF	No. of courses	No. of Participants										Sponsor. Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	S T	Total	
1	Cultivation of spring sugarcane	Cultivation of crop	Feb, 19	1	PF	1	210	28	0	12	0	0	222	28	0	250	DAO
2	Cultivation of Summer moong	Cultivation of crop	Feb,19	1	PF	1	230	20	0	10	0	0	240	20	0	260	DAO
3	Cultivation of summer moong	Cultivation of crop	Feb,19	1	PF	1	230	20	0	10	0	0	240	20	0	260	DAO
4	Taal Diara prasikshan Karyakram	Farm Mechanization	Feb,19	1	PF	1	45	0	0	15	0	0	60	0	0	60	DAO
5	Kisan mitra samooh Prasikshan Karyakram	Balanced use of fertilizer	Mar,19	1	PF	1	54	0	0	0	0	0	54	0	0	54	IFFCO
6	Seed production technique in pulse crop	Seed production	Mar,19	1	EF	1	23	7	0	0	0	0	23	7	0	30	NABARD
7	Seed production technique in crops	Seed production	May,19	1	PF	1	100	0	0	0	0	0	100	0	0	100	BSSOC
8	Green fodder production in kharif	Fodder Production	May, 19	1	EF	1	400	0	0	5	0	0	405	0	0	405	JDA
9	Direct seeding for paddy	Farm mechanization	May, 19	1	EF	1	440	10	0	10	0	0	450	100	0	550	ATMA
10	Cultivation and management practices of litchi and mango	Fruit production	May, 19	1	PF	1	250	0	0	100	0	0	350	0	0	350	ATMA
11	Planting of mango and litchi	Fruit production	May, 19	1	PF	1	260	0	0	40	0	0	300	0	0	300	ATMA
12	Cultivation and management practices of litchi and mango	Fruit production		1	PF	1	325	0	0	75	0	0	375	0	0	375	ATMA
13	Direct seeding for paddy	Farm mechanization May 2019	May, 19	1	PF	1	250	0	0	100	0	0	350	0	0	350	ATMA
14	Transplanting of paddy using paddy transplanter	Farm mechanization	Jun, 19	1	PF	1	220	0	0	105	0	0	325	0	0	325	ATMA
15	Transplanting of paddy using paddy transplanter	Farm Mechanization	Jun, 19	1	PF	1	400	0	0	75	0	0	475	0	0	475	ATMA
16	Direct seeding for paddy	Farm mechanization	Jun, 19	1	PF	1	375	0	0	125	0	0	500	0	0	500	ATMA
17	Direct seeding or transplanlanting of paddy	Farm mechanization	Jun, 19	1	PF	1	275	0	0	75	0	0	350	0	0	350	ATMA
18	IPM in Paddy crop	IPM	Jun, 19	1	PF	1	190	0	0	160	0	0	350	0	0	350	ATMA
19	Direct seeded method of Paddy	Crop Production	Jul,19	1	PF	1	200	0	0	20	5	0	220	5	0	225	ATMA
20	Paddy seed production	Seed production	Jul, 19	1	PF	1	25	0	0	0	0	0	25	0	0	25	FPO
21	Contingent Plan for kharif	Contingent crop	Aug, 19	1	PF	1	75	15	0	10	5	0	85	20	0	105	DAO
22	Jal Shakti Abhiyan	Water conservation	Oct, 19	5	PF	22	1695	0	0	415	0	0	2110	0	0	2110	DAO
23	Rabi Mahaabhiyan	Crop Production	Oct, 19	2	EF	2	833	13	0	965	0	0	965	0	0	965	JDA/DAO
24	Balance use of fertilizer	Nutrient Management	Oct, 19	1	PF	1	78	9	0	0	0	0	87	0	0	87	IFFCO
25	Rabi Mahaabhiyan	Crop Production	Mar, 19	5	PF	13	3429	95	0	0	0	0	3429	959	0	4388	DAO

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	3	60	5	65	8	0	0	0	66	7	73
KisanMela	2	484	2	486	0	0	0	0	484	2	486
KisanGhoshi	4	403	50	453	16	0	0	0	403	50	453
Exhibition											
Film Show											
Method Demonstrations	1	929	75	1004	8	10	0	10	939	75	1014
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons	8	25	7	32	10	0	0	0	25	7	32
Advisory Services											
Scientific visit to farmers field	1030	1025	5	1030	5	0	0	0	1025	5	1030
Farmers visit to KVK	2247	2200	47	2247	5	0	0	0	2200	47	2247
Diagnostic visits											
Exposure visits	1	30	45	75		0	0	0	30	45	75
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	2	9	5	14					9	5	14
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Mahila Kisan Divas											
Jal Shakti Abhiyan	2	1929	109	2004		10	0	10	1939	109	2048
Any Other (Specify)	1	19	26	45		0	0	0	19	26	45
Poshan mela											
Plantation programme	1	150	0	150		0	0	0	150	0	150
NADCP-FMD programme	1	100	0	100		0	0	0	100	0	100
Kisan Choupal	2	152	23	175		0	0	0	152	23	175
Farmer Scientist interaction	1	154	46	200		10	0	10	164	46	210
Mahila Diwas	1	0	50	50		0	0	0	0	50	50
World Soil Day	1	50	32	82		0	0	0	50	32	82
Live telecast (mann ki baat)	1	129	21	150		0	0	0	129	21	150
<b>Total</b>	<b>3309</b>	<b>7848</b>	<b>548</b>	<b>8362</b>		<b>30</b>	<b>0</b>	<b>30</b>	<b>7884</b>	<b>550</b>	<b>8434</b>

## B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	
Radio talks	2
TV talks	5
Popular articles	
Extension Literature	4
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
<b>Total</b>								

#### *KVK farm*

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Chick pea	BG 372	15.94		SC	ST	Other	Total
Lentil	KLS 218	0.4					
Pea	HFP 4	0.4					
Wheat	HD2733	6.0					
Green Gram	IPM 02-03	1.0					
<b>Grand Total</b>							

#### **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
<b>Vegetable seedlings</b>							
Cauliflower	Kashi Gobhi 25	8375	3350			6	6
Cabbage							
Tomato							
Brinjal							
Chilli	Kashi Aman	3760	3008			7	7
Onion							
Others							
<b>Fruits</b>							
Mango							
Guava							
Lime							
Papaya							
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							

Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total							

### Production of Bio-Products

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

### Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
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)				
<b>Grand Total</b>				

### 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 2019						
Summer/Spring 2019						

iii) Financial Progress

Fund received (2016-17, 2017-18 and 2019)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2019				

## iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Shashya Vidhion dwara Varsha Jal Prabandhan evam sanrakshan	Dr. Md. Sajid Husain, shri sanjay Kumar	1000	
	Fall army worm ka samekit kit prabandhan	Shri Sanjay Kumar, Dr. Md. Sajid Hussain	1000	
	Tapaksinchai Pranali: Kam pani mein adhik upaj	Er. Naveen Kumar, Dr. Ramakrishna Roy, Dr. Amit Visen	1000	
	Khurpaka evam muhpaka rog	Dr Ramakrishna Roy	3000	
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	GeM	Dr. Ramakrishna Roy, Sr. Sc &Head Shri Sanjay Kumar, SMS (Entomol)	16 <sup>th</sup> January, 2019 (1 day)	Dr RPCAU, Pusa

			Shri Pankaj Rai, Assistant		
2.	Training	Farm Management	Shri Ravikant Kumar, Farm Manager	11-13 <sup>th</sup> Feb, 2019 (3 days)	BAU, SAbour
3.	National confrence	National conference on small ruminants	Dr. Ramakrishna Roy, Sr. Sc ad Head	14 <sup>th</sup> -16 <sup>th</sup> Feb, 2019 (3 days)	BASU, patna
4.	Training	IPM	Shri Sanjay Kumar, SMS (Entomol.)	27 <sup>th</sup> -28 <sup>th</sup> Feb, 2019 (2 days)	NCIPM/ BAU, Ranchi
5.	Training	Website uploading and managaement	Dr. Ramakrishna Roy, Sr. Sc and Head Shri ChintuKumar, Steno	26 <sup>th</sup> June, 2019 (1 day)	DrRPCAU, Pusa
6.	Training	SREP	Dr. Ramakrishna Roy, Sr. Sc and Head	27 <sup>th</sup> June, 2019	BAMETI, Patna
7.	Winter school	Employment and income generation for rural youth through mushroom production technique	Shri Sanjay Kumar SMS (Entomol.)	5 <sup>th</sup> -25 <sup>th</sup> November, 2019	DrRPCAU, Pusa
8.	Workshop	CSISA KVK Network	Dr. Ramakrishna Roy Sr. Sc and Head	24 <sup>th</sup> -25 <sup>th</sup> Sept, 2019 (2 days)	CSISA/ICAR
9.	Training	Geotagging (NFSM)	Shri Chintu Kumar, Steno	14 <sup>th</sup> November, 2019 (1 day)	BAMETI, Patna

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

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 nos.

- 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			
65		65	65	25	

- 3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	Celebration of world soil day	65			65	65

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

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

## 3.13. Technology week celebration

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

## 3.14. RAWE/ FET programme - is KVK involved? (Y/N)

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
20.02.19	ShriRameshwar Singh, Chief Regional Manager, IFFCO, patna	Training of farmers
24.02.19	ShriJanak Ram, Hon. MP, Gopalganj	PM Kisan Samman Nidhi
03.09.19	Shri DN Mandal, TO, Jal Shakti Abhiyan	Jal Shakti Abhiyan
03.09.19	Shri Vivek Ranjan Maitrey, IAS, Nodal officer Jal Shakti Abhiyan	Jal Shakti Abhiyan
03.09.19	Ramashish Singh, Prakhhand Pramukh, Unchkagaon	Jal Sjhakti Abhiyan
03.09.19	Dr. Lalan Rai, Zila Prwakta, JDU, Gopalganj	Jal Shakti Abhiyan
03.09.19	Shri Ram Bachan Ram, Circle Officer, Unchkagaon	Jal Shakti Abhiyan
03.09.19	Shri Pwan Kumar Suman, BPM, Jeevika	Jal Shakti Abhiyan
03.09.19	Shri MA Wajidm, Asst. Director (Hort.)	Jal Shakti Abhiyan
07.09.19	Dr. Shilendra Kumar Sinha, DAHO	NADCP-FMD-Brucellosis
11.09.19	Dr. ManojKumar Sinha, Veterinary Surgeon	NADCP-FMD-Brucellosis
11. 09.19	Dr. Shilendra Kumar Sinha, DAHO	NADCP-FMD-Brucellosis
11.09.19	Dr. Ashok Kumar Singh, TVO	NADCP-FMFD-Brucellosis
11.09.19	Dr. Indu Shekhar, Sub Divisional Animal Husbandry Officer	NADCP-FMD Brucelosis
11.09.19	Dr. Ajay Kumar Mishra, TVO	NADCP-FMD-Brucellosis
11.09.19	Dr. Md. Reyaz Ali, TVO, Gopalganj	NADCP-FMD-Brucellosis
11.09.19	Dr. Pawan Kumar, TVO, Kuchikote	NADCP-FMD-Brucellosis
17.09.19	Shri Aditya Narayan Pandey, Hon. MLC, Gopalganj	Plantation and distribution
17.09.19	Shri Manish Kumar Shrivatav, Nodal Officer	Plantation during Thawe Mahotsav
02.10.19	Md. A. Wajid, asiist Director (Hort.)	Jal Shakti Abhiyan
02.10.19	Shri Anil Kumar, Distt. Fisheries Officer	Jal Shakti Abhiyan
02.10.19	Dr. Alok Kumar Suman, Hon. MP, Gopalganj	Jal Shakti Abhiyan
02.10.19	Dr. Ved Narayan Singh, DAO, Goplalganj	Jal Shakti Abhiyan
02.10.19	Shri Pramod Kumar Patel, Zila Adhyaksh, JDU, Gopalganj	Jal Shakti Abhiyan

02.10.19	Dr. Ajay Kumar Mishra, TVO, Thawe	Jal Shakti Abhiyan
02.10.19	Shri Omprakash Rai, MLC representative, Gopalganj	Jal Shakti Abhiyan
02.10.19	Dr. Anupam Lal Kusumakar, DDM, NABARD	Jal Shakti Abhiyan

#### 4. IMPACT

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

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

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

##### 4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

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

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

##### 4.4. Details of innovations recorded by the KVK

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

##### 4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	

Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

## 5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
1. District Agriculture 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 (Central Bank, 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



## 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	
Gram	26 <sup>th</sup> -28 <sup>th</sup> Nov, 2018	23-29 <sup>th</sup> April, 2019	2.0	BG372	FS	15.94			
Lentil	27.11.18	10 <sup>th</sup> -11 <sup>th</sup> April, 2019	0.4	KLS218	FS	2.0			
Pea	08.12.18	1 <sup>st</sup> -2 <sup>nd</sup> April, 2019	0.4	HFP4	FS	2.5			
Wheat	29 <sup>th</sup> Nov-6 <sup>th</sup> Dec, 2018	22.04.19	6.0	HD2733	FS	141.3			
Green Gram	15 <sup>th</sup> March, 2019	6 <sup>th</sup> -20 <sup>th</sup> June, 2019	1.0	IPM02-03	FS	3.68			
Paddy	12-20 <sup>th</sup> July, 2019	20 <sup>th</sup> Nov, 2019	3.0	R. Sweta	FS	Result Awaited			
Paddy	21-26 <sup>th</sup> July, 2019	21 <sup>st</sup> Nov, 2019	3.0	R. Sweta	CS	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.							



## 7.4. Utilization of KVK funds during the year 2019 (Not audited)

Sl. No.	Particulars	Sanctioned (FY 19-20)	Released (Jan-Dec 2019)	Expenditure (Jan-Dec, 2019)
<b>A. Recurring Contingencies</b>				
1	Pay & Allowances	10630000		10086310
2	Traveling allowances	100000	Total Rs. 6.8 lakhs under recurring head	99373
	HRD	25000		29307
3	Contingencies			
A	Stationary, telephone, postage, other office charges, POL	300000		504086
B	Training of farmers, training materials, posters, charts, demonstration materials including chemicals required for conducting the training			
C	Training of Rural Youth			
D	Training of extension functionaries	270000		183106
E	Frontline Demonstration on other than pulses and oilseed	70000		48790
F	On Farm Testing	95000		49179
G	Soil and water testing lab	0		0
H	Maintenance of building	25000		49836
I	Extension activities/exhibition/kisan mela etc	25000		34200
J	Swachhta Expenditure		7000	11000
TOTAL (A)				
<b>B. Non-Recurring Contingencies</b>				
1	Works	0		
2	Vehicle	0		
3	Equipment and furniture	0	3,50,000	0
4	Library	0		0
5	IT	0		0
6	Furniture	0		
TOTAL (B)				
<b>C. REVOLVING FUND</b>				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)
2015-16	3276223.00	1028234.00	1353245.00	3601234.00
2016-17	361234.00	879295.00	782396.00	3504335.00
2017-18	3504335.00	1060617.00	709706.00	3153423.00
2018-19	3153423.00			3291773.90 (as on 31/12/19)

## 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
Taal Diara Prasikshan Karyakram	1	Feb, 2019			DAO
Kisan Mitra Samooh Prasikshan Karyakram	1	Feb, 2019			IFFCO
Training on seed Production	1	March, 2019			BSSOC
Kharif Mahabhiyan	1	May, 2019			DAO/ATMA
Kharif Mahabhiyan	8	June, 2019			DAO/ATMA
Trainings under Jal Shakti Abhiyan	22	August, 2019			DAO/ATMA
Rabi Mahaabhiyan	15	Oct, 2019			DAO/ATMA
Paddy grain setting problem	1	Nov, 2019			DAO/ATMA

## 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)

## 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 &amp; FR Sensitization training Programme

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

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

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

9.4. *KVK* Portal and Mobile App

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

## 9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

## 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	22	0
5. Vermicomposting/ Composting of biodegradable	25	0

waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	1003	0
8. Swachhta Workshops		
9. Swachhta Pledge	11	0
10. Display and Banner	3	0
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)	5	0
14. No of Staff members involved in the activities	11	0
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
<b>Total</b>	<b>1080</b>	

## 9.6. Observation of National Science day

Date of Observation	Activities undertaken

## 9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

## 9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

Give good quality 1-2 photograph(s)

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

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

#### 9.10. Details of Swachhta Hi Sewa programme organized

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

#### 9.11. Details of Mahila Kisan Divas programme organized

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

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

#### 9.13. Revenue generation

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

#### 9.14. Resource Generation:

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

## 9.15. Performance of Automatic Weather Station in KVK

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

## 9.16. Contingent crop planning

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

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

- a) Year:  
b) Introduction / General Information:

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

## 11. Details of TSP

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

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





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)





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

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

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



**Button mushroom training**



**Laser leveling of KVK farm**



**Farm mechanization training**



**DFI Survey work**



**Live telecast of Hon.PM interaction with farmers**



**Jal shakti Abhiyan (JSA)**



**JSA (Thawe)- Microirrigation**



**Field Day on Paddy (R.Sweta)**



**CFLD on Green Gram (IPM-02-03)**



**Waste decomposer training**

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