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KRISHI VIGYAN KENDRA

SIPAYA (GOPALGANJ)

भाकृअनुप
ICAR

ANNUAL PROGRESS REPORT

(APRIL 2017 TO MARCH 2018)

SUBMITTED IN ZONAL LEVEL WORKSHOP

HELD AT

OUAT, BHUBANESHWAR

(26 MAY TO 27 MAY 2018)

DIRECTORATE OF EXTENSION EDUCATION

Dr. Rajendra Prasad Central Agricultural University, Bihar
Pusa (Samastipur)- 848 125

KRISHI VIGYAN KENDRA, SIPAYA, GOPALGANJ

ANNUAL REPORT2017-18 (April 2017to March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

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

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

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Ramakrishna Roy		9135025137	pc.sipaya@rpcau.ac.in gopalganjkvk@gmail.com

1.4. Year of sanction of KVK: 2006

1.5. Staff Position (as on 1st April, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. Ramakrishna Roy	Programme Co-ordinator	Animal Science	15600-39100 8000 GP	16.06.2015	Permanent	Others
2	Subject Matter Specialist	Sri Sanjay Kumar	SMS (Entomology)	Entomology	15600-39100+ 6000 GP	29.01.2018	Permanent	Others
3	Subject Matter Specialist	Dr. Md. Sajid Hussain	SMS (Agronomy)	Agronomy	15600-39100+ 6000 GP	27.01.2018	Permanent	Others
4	Subject Matter Specialist							
5	Subject Matter Specialist							
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Sri Sanjeev Kumar	Programme Assistant (Lab. Technician)	Soil Sc.	9300-34800+4200GP	27.02.2018	Permanent	
9	Computer Programmer	S.B.K. Rai					Temporary	OBC
10	Farm Manager	Sri Ravikant Kumar	Farm Manager	Agronomy	9300-34800+4200GP	08.12.2017	Permanent	Others
11	Accountant / Superintendent	Mr. PankajRai	Assistant	-	9300-34800+4200GP	23.11.2017	Permanent	Others
12	Stenographer	Mr. Chintu Kumar	Stenographer	-	5220-20100+2400GP	27.02.2018	Permanent	Others
13.	Driver	Sanjeet Kumar	Tractor Driver	-			Temporary	Others
14.	Driver	Dhruv Kumar	Boloro Driver	-			Temporary	
15.	Supporting staff	Sri Mukesh Kumar	Lab. Attendant	-		22.08.2015	Permanent	Others
16.	Supporting staff	Sri Pappu Kumar	Supporting staff	-			Temporary	

1.6. Total land with KVK (in ha) :

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

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

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

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Jeep (Bolero)	2007	5.0 lakh	242591	Required to be replaced

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Moisture meter	2012	1200	Good	DSF, Dholi
Digital scale (cap 2kg)	2017	4100	Good	ICAR
E-scale (Cap 6 kg)	2017	1961	Good	ICAR
b. Farm machinery				
Tractor	2006	328738	Good	ICAR
Power weeder	2010	75000	Good	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				
Cultivator	2017	22000	Good	ICAR
Disc Harrow	2017	43000	Good	ICAR
c. AV Aids				
Computer & Accessories	2007	70000	Good	ICAR
Handycam DCR-DVD 710E	2009	24990	Not working	ICAR
Multimedia Projector	2009	95000	Good	ICAR
Photostat machine	2009	64000	Not working	ICAR

D) Farm implements

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

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	22.06.2017	36	See Annexure I, II	See Annexure-I	

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

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

i) Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Crop based farming system
2	Vermi Culture
3	Dairy farming
4	Poultry

ii) Agro-climatic Zone & major agro ecological situations

S. No	Agro-climatic Zone	Characteristics
1	Zone – I	North- west alluvial plain. Sandy loam to loam soil, pH 6.5 to 9.5. Available N.P.K. range from 150-350,05-50 and 100-300 Kg per ha, respectively. The average rain fall of 1234.77mm where as maximum rain fall occur from June to September (1107.6 mm) The soil is mainly deficient in Zn, B and Fe.

iii) Agroecological situation

S. No	Agro ecological situation	Characteristics
1	Up land	Sandy loam soil, flat topography, no water logging, calcareous soil having free calcium carbonate 30-40%, easier in tillage operation with medium water table.
2	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.
3	Low land	Deep soil, clay loam texture, flat in topography, tillage operation is difficult, high water table.
4	Diara land	Soil is sandy in texture. Highly porous with poor water holding capacity.

iv) Soil Type

S. No	Soil type	Characteristics
1	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
2	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
3	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.

v) Productivity of major crops

S. No	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	Gram	286	1959	6.85
	Lentil	1840	16560	9.00

	Arhar	6956	35615	5.12
	Moong	823	6831	8.30
	Urd	38	274	7.20
	Pea	2375	18050	7.60
3 Oil seeds	Mustard	3842	35731	9.30
	Linseed	1260	7560	6.00
	Sunflower	14.5	123	8.50
	Till	135	945	7.00
	Caster	108	648	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
	Onion	825	172425	209.00
	Tomato	1571	240834	153.30
	Brinjal	540	108000	200.00
6 Spices	Garlic	23	1450	63.00
	Coriander	13	110	8.30
7 Fruits	All	5149	502027	97.50

vi) Mean Yearly temperature rainfall humidity in the district:

Month	Rainfall (mm) (Normal)	Rainfall (mm) (Actual) (2017-18)	Temperature (°C)		Relative Humidity (%)		Average wind speed (km/hr)	
			Max	Min	Max	Min	Morning	Evening
April	10.60	5.8	37.49	22.18	45.50	24.71	4.70	8.69
May	63.80	58.5	41.02	26.53	56.53	33.79	7.56	10.06
June	172.80	84.3	38.16	27.61	70.76	54.74	6.99	8.89
July	314.10	325.1	32.99	26.14	82.48	73.64	5.03	7.75
August	310.30	153.7	32.45	26.10	83.45	76.52	5.28	7.59
September	222.80	162.5	32.23	25.32	81.85	75.39	3.60	6.58
October	59.00	3.4	31.84	21.52	74.82	67.91	1.24	6.44
November	5.90	0	28.73	14.57	70.76	60.66	0.53	3.29
December	2.60	0	24.62	9.80	75.30	59.69	0.65	3.29
January	16.20	0	23.20	6.23	77.50	57.91	0.79	4.27
February	13.70	0	26.32	11.39	67.26	46.21	1.41	5.62
March	8.80	0.6	32.50	16.34	51.41	30.82	2.07	7.04
	1210.6	793.9	31.79	19.48	69.8	55.17	3.32	6.63

vii) Production of major livestock products like milk, egg etc.

Category	Population (in '000)	Production	Productivity
Cattle			
Crossbred	17.1	-	-
Indigenous	171.4	-	-
Buffalo	118.2	-	-
Sheep			
Crossbred			
Indigenous	1.1	-	-

Goats	216.3	-	-
Pigs			
Crossbred	-	-	-
Indigenous	7.509	-	-
Rabbits	-	-	-
Poultry			
Commercial	76.7	-	-
Backyard	37.8		
Desi	-	-	-
Improved	-	-	-
Ducks	0.565	-	-
Fisheries	(nos.only)		
Farmer owned ponds	30		
Reservoirs	229		
Village tanks	209		
Water spread area (ha)	997.8		
Fish production (in'000 tons)	2113.4		
Yield (t/ha)	3.2		

Note: Please give recent data only

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

S.N.	Name of Block	Name of village	Major crops/enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Kuchaikote	Khem-matihiniya	Paddy, Wheat, sugarcane, Pulses Vegetables, Dairy, Vermi – compost	Cereals-Traditional farming/fixed crop rotation/ Lack of knowledge about recommended cultural practices/Low return/Decreasing trends in yield of most crop plants/Lack of seeds setting in wheat. Heavy losses due to insect – pest/Imbalance use of fertilizers Livestock- Disease, parasites, imbalanced feeding	Crop diversification, High Value Agriculture, Inclusion of pulses in cropping system, skill oriented trainings for agri-based enterprises
2.	Kateya	Ramdas Bagahi	-do-	-do-	-do-
3.	Manjha	Sukulwa Khurd	-do-	-do-	-do-

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2017-18) for its development and action plan

Name of village	Block	Action taken for development
Khemmatihiniya (PC)	Kuchaikote	i) Livestock Disease surveillance ii) Animal Health camps iii) FLD on oilseed, pulses, fodder, iv) Awareness programmes and trainings, v) Production problems in crops and livestock
Sukulwa Khurd SMS (PP)	Manjha	i) IPM ii) Organic farming iii) FLD on oilseed, pulses, pests and disease, iv) Awareness programmes and trainings, v) Production problems in crops.
Ramdas Bagahi SMS (Agronomy)	Kateya	i) Seed Production ii) Mechanization of cultivation iii) Organic farming iv) Scientific cultivation of sugarcane v) FLD on oilseed, pulses vi) Production problems in crops

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:				No. of technologies:			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
5	3	61	27	7	6	200	129

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
82	79	2037	2364	500	1292	2287	5483

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
15.4 ha	15.4 ha		

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
Research paper	2	
Seminar/conference/ symposia papers		
Books		
Bulletins		
News letter		
Popular Articles		
Book Chapter		
Extension Pamphlets/ literature		
Technical reports		
Electronic Publication (CD/DVD etc)		
TOTAL		

1. Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Effect of different combinations of nutrients on yield of wheat.
2.	Problem diagnosed	Lack of knowledge about balance use of chemical fertilizers causing low yield of wheat
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Design- RBD, Replication: 7 Treatment: 4, Crop :wheat, variety- HD2733, season Rabi 2017-18, plot size: 500m2
4.	Source of Technology	DRPCAU, Pusa
5.	Production system and thematic area	Irrigated, crop production
6.	Performance of the Technology with performance indicators	Details given below
7.	Final recommendation for micro level situation	Use of Recommended dose of NPK+Zn(25kg/ha)+S (20kg/ha)+B (10kg/ha)
8.	Constraints identified and feedback for research	More no. Of trial should be conducted for 2-3 years for final conclusion
9.	Process of farmers participation and their reaction	Farmers are very enthusiastic to conduct this trial on their farm they are very actively participated in training programme, field visit and crop management activities

Thematic area: Crop Production

Problem definition: Lack of knowledge about balance use of fertilizer for yield maximization.

Technology assessed: Productivity of wheat in Bihar is low due to imbalance use of fertilizer, recommended dose of NPK+Zn(25kg/ha)+S (20kg/ha), recommended dose of NPK+Zn(25kg/ha)+S (20kg/ha)+ B (10kg/ha) were assessed for yield maximization of wheat crop.

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

Treatment	No. of Trials	No. of spikes	No. of grains /spike	Test wt. (g)	Yield q/ ha	Gross cost (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
P.F: Imbalance use of chemical fertilizer	7	69.50	31.00	38.40	39.50	26500	64187	37687	2.42
T_1 : Recommended dose of NPK +Zn (25 kg/ha) + S (20 kg/ha)		83.33	34.00	41.25	42.40	27400	68900	41500	2.51
T_2: Recommended dose of NPK +Zn (25 kg/ha) + B (10 kg/ha)		82.67	35.00	42.10	44.30	26900	71987	45087	2.67
T_3 : Recommended dose of NPK +Zn (25 Kg/ha) +S (20 Kg/ha) + B (10 kg/ha)		87.33	38.00	42.35	47.33	27800	76911	49111	2.76
SEm		1.59	1.04	0.92	0.81				
CD (P=0.05)		4.76	3.12	2.77	2.44				

Results: Use of recommended dose of NPK +Zn (25kg/ha)+S (20kg/ha) and B (10kg/ha) resulted in highest no. of spikes per meter row length (87.33), no. of grain per spike (38.00), test weight (42.35g) and yield (47.33Kg/ha). The Net return (Rs 49111.25) and BC ratio (1.76) was also highest in comparison to the other treatments. The wheat yield can be maximized by balance use of chemical fertilizers.

OFT-2

1.	Title of On farm Trial	Effect of different insecticides on management of brinjal shoot and fruit borer
2.	Problem diagnosed	Excessive and indiscriminate use of insecticides leads to resistance in pests detrimental effects on beneficial inset health hazard and environmental pollution.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Design: R.B.D, Crop: Brinjal, Replications, Trials: 10. Treatment: 4. Season: Kharif, Plot size: 250m^2, Total area: 10000 m^2
4.	Source of Technology	I.I.V.R.
5.	Production system and thematic area	I.P.M.
6.	Performance of the Technology with performance indicators	Details given below
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	Timely application of selection of selective insecticides with recommended dose when shoot and fruit borer insect appeared in brinjal crops
9.	Process of farmers participation and their reaction	Farmers are participated curiously and reacted positively

Thematic area: *Integrated Pest management*

Problem definition: Lack of knowledge for proper selection of suitable/selective insecticides and its time of application.

Technology assessed: shoot and fruit borer is the dominant pest of brinjal in Gopalganj district and attack the shoot and fruit of brinjal crops that cause as high as 70-90 percent loss in marketable yield considering the present scenario it is pertinent to emphasis the use of bioregional insecticide in pest management system that is effective economical and eco friendly in O.F.T. all the treatment were significantly managing the brinjal shoot and fruit borer. T.O-2 Comprising with removal of infested shoots and fruits followed by foliar application of spinosad45Ec@0.5ml/lt of water at 15 days interval provide to be the most effective treatment for managing the incidence as shoot (11.26%) and fruit (12.53%) which gave higher yield (162.37q/ha) and maximum benefit cost ratio (1:2.37)

Table 2: Effect of different insecticides on management of brinjal shoot and fruit borer.

Treatment	No. of trials	Mean shoot damage (%)	Mean fruit damage (%)	Yield q/ ha	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return	BCR
Farmers Practice: Foliar application of chlorpyriphos 20 EC @1.5 ml/L water.	10	16.73 (24.12)*	19.62 (26.28)	144.58	85672	144580	58908	1.68
T_1: Foliar application of Nimbicidine 0.15 % @ 4.0 ml/L water followed by Indoxacarb 14.5 SC @ 1.0 g/L of water at 15 days interval		13.13 (21.22)	14.75 (22.63)	151.65	70635	151650	81015	2.15
T_2: Removal of infested shoots and fruits followed by foliar application of Spinosad 45 EC @ 0.5 ml/L water at 15 days interval		11.26 (19.64)	12.53 (20.70)	162.37	68435	162370	93935	2.37
T_3: Removal of infested shoots and fruits followed by Emamectin benzoate 5 SG @ 0.25 ml/L water at 15 days interval.		12.17 (20.44)	13.86 (21.89)	153.41	67342	153410	86068	2.28
Sem(±)		0.254	0.397	2.127				
CD (P=0.05)		0.762	1.189	6.382				

OFT-3

1.	Title of On farm Trial	Effect of different insecticides on white fly in tomato
2.	Problem diagnosed	Farmers generally make continuous use of conventional insecticide which leads to insecticide resistance in white fly
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Design: R.B.D, Crop: Tomato, Treatment: 4 Season: Rabi, Plot size: 250m2, Total area: 10,000m2
4.	Source of Technology	DRPCAU
5.	Production system and thematic area	I.P.M
6.	Performance of the Technology with performance indicators	Details given below
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Selective and effective insecticides with recommended doses were applied in time when white fly incidence appeared in tomato crop field above the ETL.
9.	Process of farmers participation and their reaction	Farmers were participated curiously and reacted positively

Thematic area: I.P.M

Problem definition: Continuous application of same conventional insecticide.

Technology assessed: The white fly infest tomato leaves injury year and out break above the ETL. Which become a threat to the crops production and cause 40-50 percent yield loss in Gopalganj district recent and newly insecticide for management of white fly population and reduces tomato leaf curl virus (TLCV) were used in tomato crop in O.F.T. conducted by KVK, SipayaGopalganj. All the treatment were statistically significant to lower the white fly population and reducing the tomato leaf curl disease. Among the treatment T.O.1 comparing with foliar application of Spiromecifen240ac@1.0ml/lt of water followed by Thimothoxam25WG@0.25ml/lt of water at 15 days interval found to be the most efficient treatment with statistically minimizing white fly population (4.52/plant) and reducing leaf curl virus disease (24.16%) and produced highest yield (144.96q/ha) with maximum benefit cost ratio (1:2.44)

Table 3: Effect of different insecticides on white fly in tomato

Treatment	No. of trials	No. of white fly/Plant	Diseases incidence (TLCV %)	Yield (q/ ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return	BCR
P.F: Farmers were generally used dimethoate30EC@2.0ml/lt of water	10	12.68 (3.63)	40.51 (39.52)	98.42	87653	118104	30451	1.35
T_1: Spraying with Spiromecifen240SC@1.0ml/lt of water followed by Thiomethoxam 25 WG@0.25ml/lt of water at 15 dsay interval		4.52 (2.24)	24.16 (29.47)	144.96	71024	173952	102928	2.44
T_2: Spraying with Imidacloprid 17.8 SL@ 0.25ml/lt of water followed by Difentheuron 50 WP@1.0gm/lt of water at 15 days interval		5.47 (2.44	31.23 (33.96)	134.38	74172	161256	87084	2.17
T_3: T.O-3: Spraying with Chlorfenapyr10SC@0.25ml/lit of water followed by Acetamiprid 20 Sp@1.0g/lit of water at 15 days interval		4.86 (2.32)	28.37 (32.20)	138.27	72815	165924	93109	2.28
Sem(±)		0.324	1.385	3.281	-		-	-
CD(P=0.05)[		0.972	4.156	9.847	-		-	-

*Figure in parentheses are arcsine transform values
Market price of tomato fruit yield @ Rs 1200/quintal

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals:

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1.	Wheat	Crop production	Variety HD 2824	10	10			25	
2.	Paddy	Crop production	Variety CO 51	10	10			25	
3..	Wheat	Crop production	Variety HD 2733	16	16			40	
4.	Sugarcane	IPM	Fipronil 0.3 GR	4	4			10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Wheat	Crop Production	Variety 2824	25	10	45.9	36.9	24.5			26700	74669	47969	2.79	25600	59979	34379	2.34
Paddy	Crop Production	Variety CO 51	25	10	45.5	38.6	17.9			23500	66885	43385	2.85	23000	56742	33742	2.46
Berseem	Feed management	Variety Mescavi	16	2	670	550	21.8			25000	67000	42000	2.68	24000	55000	31000	2.29
Oats	Feed management	Variety Kent	13	2	530	450	17.7			20000	53000	33000	2.65	19500	45000	25500	2.30
Mineral mixture	Feed management	Trace minerals	20	-	9L milk/ day	8.0 L/day	12.5			17600	65000	47400	3.7	16000	57600	41600	3.60
Wheat	Crop Production	Variety HD 2733	40	16	47.6	39.8	19.6			27400	77350	49950	2.82	26500	64675	38175	2.44

FLD: IPM

Crop	Technology demonstrated	Area (ha)	No. of demo	Top Borer incidence (DH%)		Yield (q/ha)		% increase yield	BC ratio
				Demo	Check	Demo	Check		
Sugar-cane	Fipronil 0.3 GR	4	10	9.78 (18.24)	20.51 (26.92)	61.46	43.79	40.35	3.14

*Figures in parentheses are arcsine transform value, D.H- Dead Heart Local price of Sugarcane yield@ Rs 3000/ton, Market price of regent Fipronil 0.3 GR)@Rs100/kg.

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.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

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

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

Women empowerment

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

Farm implements and machinery

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

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

Demonstration details on crop hybrids

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

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Wheat, Paddy	High yielding recent released varieties seed is not available to farmers.
2.	Berseem, oats	Farmers generally feed sugarcane leaves as fodder to animal which is available aplenty. Small landholding of farmers limits dedication of land to green fodder production. Quality fodder seed not available locally.
3.	Mineral mixture	Farmers reluctant to buy mineral mixture.

Extension and Training activities under FLD

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

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Moong	Sona	7.0	-130	150	-900	PDM -139	25	10	10.0	7.5	8.5	16.66	70	46.87
2.	Pigeon Pea	Baisakha	11.30	-119	-447	-1370	NDA 1	25	10	Result awaited					
3.	Rapeseed	Panchali	11.60	242	-107	-840	R. Suflam	125	50	20.30	12.40	15.66	12	49	28
4.	Lentil	BR 25	7.80	150	-150	1220	HUL-57	25	10	15.90	9.40	12.65	107	36	58

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	PDM -139	16000	36575	20575	2.28	16500	44412	27912	2.69
2.	NDA-1	Result awaited							
3.	R.Suflam	11700	38860	27160	3.32	12800	52461	39661	4.09
4.	HUL-57	12500	26520	14020	2.12	15500	43010	26510	2.8

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Man days/house hold)
1.	PDM-139	21250	2000	1240	10	-	To meet their daily need	8
2.	NDA-1	Result awaited						
3.	R. Suflam	313200	156600	3350	100	3250	To meet out day to day need of their farming	10
4.	HUL-57	126500	63250	3400	6325	56925	meet out the day to day needs	12

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Variety PDM 139	All farmers can afford	Resistance against YMV. Grain colour and size preferred by farmers	All farmers can afford	Nil	Yes	Timely distribution of seed, and technical support
2.	NDA-1	Result awaited					
3.	R. Suflam	This variety performs well under late sown	Yield and oil percentage preferred	All farmers can afford	Nil	Yes	Timely distribution of seed, and technical support

		condition.					
4.	HUL-57	Well suited for sugarcane based cropping system	Small grain size and dark brown colour preferred	All farmers can afford	Nil	Yes	*Line sowing with seed drill at optimum moisture condition in field.*

E. Specific Characteristics of Technology and Performance

Technology demonstrated	Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
PDM 139	Variety free from YMV	Good	Better than local check	YMV resistant, farmers prefer this variety as summer crop.
R. Suflam	High yielding, suitable for upland condition.	Very Good	Better than local check	Farmers' attracted by yield of crop
HUL 57	High yielding	Very good	Better than local check	Farmers' response is very good.

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	24.04.17 (Hariharpur)	26
2.	Field Visit	02.06.17 (Bhitverwan)	5
3.	Field Visit	08.06.17 (Ramdasbaghi)	6
4.	Field Day	11.05.17 (Baraipatti)	60
5.	Field Day	12.05.17(Sipaya)	52
6.	Field Day	03.06.17 (Bhitverwam)	72
7.	Field Day	15.06.17 (Kharharwan)	66
8	Field Day	01.01.2018 Bishunpura)	65
9	Field Day	15.01.2018 (Sipaya Dubey Tola)	80
10	Field Day	17.01.2018 Khemmatihiniya)	65
11	Field Day	18.01.2018 (Kalamatihiniya)	65
12	Field Day	20.01.2018 ((Sipaya Dubey Tola)	64
Total			**626**

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

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.)
Green Gram	i) Critical input	10,000.00(U.B)	51,222.00	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**10,000.00(U.B)**	**51,222.00**	**(-) 41,222.00**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Pigeon pea	i) Critical input	81000.00 (U.B)	53,400.00	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)		10,000.00	
	iv)Publication of literature			
	Technology Agent	50,000.00	0	
Total		**1,31,000.00**	**63,400.00**	**67,600.00**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rapeseed	i) Critical input	1,80,000.00	55,500.00	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)		15,000.00	
	iv)Publication of literature			
	Technology Agent	60,000.00	0	
Total		**2,40,000.00**	**70,500.00**	**1,69,500.00**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil	i) Critical input	45,000.00	67,724.00	(-) 1,07,520.00 (Previous Year) (-) 29,724.00 (Current Year)
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)		7,000.00	
	iv)Publication of literature			
Total		**45,000.00**	**74,724.00**	**(-) 1,37,244.00**

K. List of Farmer under FLD (Crop wise)

Crop1

a) Crop(Green Gram)

Name of farmer	Father's name	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
					Latitude	Longitude						H	L	A		
Ajay Kumar	Vayas Yadav	Karmainee	Kuchaikote	9162739242	26°33'53" N	84°19'22" E	N	-	-	PDM-39	10	10.0	7.5	8.5	7.0	-
Chandan Mishra	Birendra Mishra	Ramdas Baghi	Kateya	9934631753	26°33'29" N	84°21'20" E										
Hareram Dubey	Nakchhed Dubey	Nandpatti	Panchdevari	9931680343	26°35'40" N	84°27'14" E										
Shankar Ram	Munar Ram	Sultanpur	Kateya	8507040290	26°33'29" N	84°21'21" E										
Aslam	Md. Raphik	Baghi	Kateya	7079806116	26°33'29" N	84°21'25" E										
Virendra Mishra	Satdev Mishra	Baghi	Kateya	8809462161	26°33'29" N	84°21'25" E										
Akhilesh Mishra	Yatri Mishra	Baghi	Kateya	9128637138	26°33'29" N	84°21'25" E										
Madan Yadav	Bisuni Yadav	Khem	Kuchaikote	7320912505	26°34'32" N	84°24'37" E										
Manish Kr. Tiwari	Rajmangal Tiwari	Sipaya	Kuchaikote	8292378900	26°34'27" N	84°22'42" E										
Krishna Baitha	Phulena Baitha	Sipaya	Kuchaikote	9199040575	26°34'27" N	84°22'42" E										
Ramakant Dubey	Krishndev Dubey	Sipaya	Kuchaikote	9852536621	26°34'27" N	84°22'42" E										
Santosh Kr. Singh	Luxman Singh	Bhitbherva	Gopalganj	9423448996	26°40'33" N	84°53'18" E										
Ram Kr. Singh	Kailashpati Singh	Bhitbherva	Gopalgan	9661071340	26°40'33" N	84°53'18" E										
Rajendra Ram	Vikarma Ram	Bhitbherva n	Gopalganj	9852749217	26°40'33" N	84°53'18" E										
Babita Devi	Santosh Singh	Bhitbherva n	Gopalganj	7004266870	26°40'33" N	84°53'18" E										
Parmatma Singh	Kailashpati Singh	Bhitbherva n	Gopalganj	9431217228	26°40'33" N	84°53'18" E										
Banmala Devi	Shambhu Singh	Paharpur	Gopalganj	9430401784	26°33'53" N	84°19'24" E										

Anilkishor Tiwari	Mainejar Tiwari	Tiwarimahtiniya	Kuchaikote	9771083713	26°33'53" N	84°19'58" E											
Yojendra Singh	Jokhan Singh	Kharharwan	Uchkagown	9934660905	26°38'36" N	84°43'12" E											
Ashok Kr.Ray	Manjal Ray	Baraipatti	Gopalganj	9471041293	26°34'13" N	84°24'14" E											
Anup Kr. Ray	Late Ajay Ray	Baraipatti	Gopalganj	9771097323	26°34'13" N	84°24'14" E											
Mithalesh Kr. Ray	Late Bakebihari Ray	Baraipatti	Gopalganj	7739620331	26°34'13" N	84°24'14" E											
Abadhkishor Ray	Amala Ray	Baraipatti	Gopalganj	8307383963	26°34'13" N	84°24'14" E											
Baliram Prasad	Harilal Prasad	Sipaya	Kuchaikote	9525706173	26°34'27" N	84°22'42" E											
Upendra Yadav	Ramesh Yadav	Kalamahtiniya	Kuchaikote	8873341381	26°33'53" N	84°19'58" E											

b) Crop2 (Pigeon pea)

Name of farmer	Father'sname	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
					Latitude	Longitude						H	L	A		
Jai Prakash Pandey	Late Hira Pandit	Bisunpura	Kuchaikote	9934903607	26°34'13" N	84°24'17" E	No		Variety and IPM	NDA-1	200 kg					
Umesh Prasad	Rame Prasad	Bisunpura	Kuchaikote	8294264018	26°34'13" N	84°24'17" E										
Daroga Yadav	Late Gulli Yadav	Bisunpura	Kuchaikote	9939393527	26°34'13" N	84°24'17" E										
Prabhu Shah	Late Jitan Shah	Bisunpura	Kuchaikote	8294379640	26°34'13" N	84°24'17" E										
Birbal Yadav	Late RamNarayan Yadav	Ramgadhwa	Kuchaikote	9615177615	26°33'53" N	84°19'19" E										
Bittu Yadav	Shrikishun Yadav	Bisunpura	Kuchaikote		26°34'13" N	84°24'17" E										
RamAyodhya Prasad	Harihar Prasad	Roopchap	Kuchaikote	9199071205	26°34'50" N	84°22'58" E										

RamPrawesh Yadav	DevNandan Yadav	Rampur Tengrahi	Gopalganj	9546750065	26°34'13" N	84°24'14" E										
Phoolmati Devi	Ramprasad Bhagat	Bisunpura	Kuchaikote	8804469607	26°34'13" N	84°24'17" E										
Basistha Yadav	Gorakh Yadav	Rampur Tengrahi	Gopalganj	9955248761	26°34'13" N	84°24'14" E										
Gorakh Yadav	DeoNandan Yadav	Rampur Tengrahi	Gopalganj	7091839937	26°34'13" N	84°24'14" E										
Guddu Kumar Yadav	Rampati Yadav	Rampur Tengrahi	Gopalganj	9162015395	26°34'13" N	84°24'14" E										
Umesh kumar	Jagat Singh	Bhagwanpur	Gopalganj	9934930458	26°34'33" N	84°23'20" E										
Janardan Yadav	RamAwadh Yadav	Rampur Tengrahi	Gopalganj	7033055300	26°34'13" N	84°24'14" E										
Ravi Kumar Varma	Raghaw Prasad	Bisunpura	Kuchaikote	9199686374	26°34'13" N	84°24'17" E										
Umesh Kumar Varma	Barister verma	Bisunpura	Kuchaikote	8969232260	26°34'13" N	84°24'17" E										
Amresh Kushwaha	Naath Bhagat	Bisunpura	Kuchaikote	9523121760	26°34'13" N	84°24'17" E										
Nitish Kumar	Lallu Yadav	Bhagwanpur	Gopalganj	9504610795	26°34'33" N	84°23'20" E										
Birendra Singh	Late Jokhan Singh	Khawharwa	Uchkagaon	9934660705	26°38'36" N	84°43'12" E										
Basudev Yadav	Devnandan Yadav	Rampur Tengrahi	Gopalganj		26°34'13" N	84°24'14" E										
OmPrakash Singh	Birendra Singh	Haluaad Pipra	Barauli	9852311753	26°40'33" N	84°53'18" E										
Binod Yadav	Rajaram Yadav	Rampur Tengrahi	Gopalganj	9006571719	26°34'13" N	84°24'14" E										
Niteshwar Dubey	Rabindra Dubey	Sipaya DubeyTola	Kuchaikote	9006413291	26°34'19" N	84°22'43" E										
JaiPrakash Singh	Late Ramraj Singh	Nerui	Hathuwa	9234271148	26°38'52" N	84°25'24" E										
Nagendra Dubey	Late Suraj Dubey	Bankatta Barnaiya	Kuchaikote	9955024087	26°33'52" N	84°19'24" E										

Crop 3 (Rapeseed Mustard)

Name of farmer	Father's name	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes /No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
					Latitude	Longitude						H	L	A		
Vijay Prasad gupta	Sudama Prasad	KhemMatihiniya	Kuchaikote	9852626615	26°34'36" N	84°23'0" E				R. Suflam	2 kg	20.30	12.40	15.66	11.60	35
Munna Kr. Yadav	Rambali Yadav	KhemMatihiniya	Kuchaikote	9801189765	26°34'36" N	84°23'0" E										
Baliram Prasad	Sudama Prasad	RamGadhwa	Kuchaikote	9939006380												
Saraswati Devi	Shardanand Prasad	RamGadhwa	Kuchaikote	7632071409												
Eslam Miyan	Karim Miyan	Kuchaikote	Kuchaikote													
Ramchandra Prasad	Yash Mahto	Kuchaikote	Kuchaikote													
Satendra Prasad	Rajaram Prasad	KhemMatihiniya	Kuchaikote	8294525804	26°34'36" N	84°23'0" E										
Bikram Prasad	Gadadhar Prasad	Bishambharpur	Kuchaikote	9801041191	26°34'13" N	84°24'17" E										
Manoj kumar	Bikrama Prasad	Bishambharpur	Kuchaikote	9801819255	26°34'13" N	84°24'17" E										
Binod Kr. Singh	SuryaNarayan Singh	Baripatti	Gopalganj	9939862362	26°34'13" N	84°24'14" E										
Mritunjay Kumar	KedarNath Prasad	RoopChap	Kuchaikote	9939246426	26°34'50" N	84°22'58" E										
Kunti Devi	SheshNath Prasad	RoopChap	Kuchaikote	7070128623	26°34'50" N	84°22'58" E										
Madan Yadav	Late Biguni Yadav	KhemMatihiniya	Kuchaikote	9572751550	26°34'36" N	84°23'0" E										
Sunil Yadav	Harilal Yadav	KhemMatihiniya	Kuchaikote	9097346224												
RabiShanker Rai	Biran Rai	RoopChap	Kuchaikote	9006296419	26°34'50" N	84°22'58" E										

Bairistar Pd. Singh	RamAutar Prasad	KhemMatihiniya	Kuchaikote	7301190828	26°34'36" N	84°23'0" E											
Nandlal Prasad	Saral singh	KhemMatihiniya	Kuchaikote	9006410051	26°34'36" N	84°23'0" E											
Ramratan Rai	Tukar Rai	Sipayakhas	Kuchaikote	9525193091	26°34'27" N	84°22'42" E											
GhanShyam Kumar	Late Birbahadur Prasad	KhemMatihiniya	Kuchaikote	9661021066	26°34'36" N	84°23'0" E											
Vidyarthi Giri	Baidyanath Giri	Baliwan Sagar	Kuchaikote	9801225734	26°33'53" N	84°19'58" E											
Shanker Shah	Raju Shah	KhemMatihiniya	Kuchaikote	7277027803	26°34'36" N	84°23'0" E											
Arjun Shah	Shanker Shah	KhemMatihiniya	Kuchaikote	8294325804													
Bhabhikhan Singh	Kapildev Singh	KhemMatihiniya	Kuchaikote		26°34'36" N	84°23'0" E											
Prabhunath Prasad	Rama Prasad	KhemMatihiniya	Kuchaikote	8804558681	26°34'36" N	84°23'0" E											
Ramakant Dubey	Late KishunDev Dubey	Sipaya	Kuchaikote		26°34'27" N	84°22'42" E											
Amit Kr. Shah	Laxman Shah	TiwariMatihiniya	Kuchaikote	8507661388	26°33'53" N	84°19'58" E											
Parshuram Prasad	Hulman Singh	KhemMatihiniya	Kuchaikote	7766964134	26°34'36" N	84°23'0" E											
Niteshwar Dubey	Rabindra Dubey	Sipaya	Kuchaikote	9006413291	26°34'27" N	84°22'42" E											
Bhagwati Tiwari	Gunjeshwar Tiwari	Sipaya	Kuchaikote	9199040575	26°34'27" N	84°22'42" E											
Mayank Kr. Dubey	Late RamNarayan Dubey	Sipaya	Kuchaikote	99390042156	26°34'27" N	84°22'42" E											
Angad Ojha	SatyaNarayan Ojha	Sipaya	Kuchaikote	9006890891	26°34'27" N	84°22'42" E											
Manish Kr. Tiwari	Late Rajmangal Tiwari	Sipaya	Kuchaikote	8292378900	26°34'27" N	84°22'42" E											
Anil kr. Shahi	Birendra Kr. Shahi	Kateya	Kateya	9260977591													
Satyadev Dubey	Duniya Dubey	Sipaya	Kuchaikote		26°34'27" N	84°22'42" E											
Jaleshwar Rai	Late Mangal Rai	Baraipatti	Gopalganj	9471041290	26°34'13" N	84°24'14" E											
Anup Kr. Rai	Late Ajay kr. Rai	Baraipatti	Gopalganj	9771097323	26°34'13" N	84°24'14" E											

Ashok kr. Rai	Late Mangal Rai	Baraipatti	Gopalganj	9471041293	26°34'13" N	84°24'14" E											
Parshuram Prasad	Late Gokhul Prasad	Bhitbherwa	Gopalganj	9431803145	26°40'33" N	84°53'18" E											
Vijay kr. Rai	ShivPujan Rai	Baraipatti	Gopalganj	8507658682	26°34'13" N	84°24'14" E											
Amit Raj	Jaleshwar Rai	Baraipatti	Gopalganj	9113772165	26°34'13" N	84°24'14" E											
Upendra Yadav	RamPravesh Yaav	Rampur Tengrahi	Gopalganj	9177390770	26°34'13" N	84°24'14" E											
Ashok Kr. Singh	Late SuryaDev Singh	Gopalganj	Gopalganj	9304033851													
Haricharan Prasad	ShivPujan Prasad	KhemMatihiniya	Kuchaikote	8083214418	26°34'36" N	84°23'0" E											
Kanhaiya Shah	Raju Shah	KhemMatihiniya	Kuchaikote		26°34'36" N	84°23'0" E											
RamAdhar Sharma	Brahmdev Sharma	KhemMatihiniya	Kuchaikote	9304345033	26°34'36" N	84°23'0" E											
Jaswant Kumar	Harilal Prasad	KhemMatihiniya	Kuchaikote	8804452144	26°34'36" N	84°23'0" E											
Dilip kr. Sharma	Rajeshwar Sharma	KhemMatihiniya	Kuchaikote	7258973872	26°34'36" N	84°23'0" E											
Usha Devi	Mohan Patel	TolaSirisiya	Kuchaikote														
Rubi Devi	Biresh Rawat	TolaSirisiya	Kuchaikote	8804291633	26°34'27" N	84°22'42" E											
Sharda Devi	Lalan Rawat	Sirisiya	Kuchaikote														
Choti Devi	Lalan Rawat	TolaSirisiya	Kuchaikote	8804486877													
Basanti Devi	Badri Ram	TolaSirisiya	Kuchaikote														
Anjali Devi	Umesh Kumar	TolaSirisiya	Kuchaikote														
Saraswati Devi	RadhaKishun Prasad	KhemMatihiniya	Kuchaikote		26°34'36" N	84°23'0" E											
BirBahadur Prasad	Radhakishun Prasad	KhemMatihiniya	Kuchaikote	7277467145	26°34'36" N	84°23'0" E											
Ramawati Devi	Baliram Praad	KhemMatihiniya	Kuchaikote	8507751878	26°34'36" N	84°23'0" E											
Dinesh Kumar	Baban Prasad	KhemMatihiniya	Kuchaikote	9939516090	26°34'36" N	84°23'0" E											

RamPrawesh Prasad	RajRoshan Prasad	KhemMatihiniya	Kuchaikote	8804020006	26°34'36" N	84°23'0" E											
Laxmina Devi	Ramprawesh Prasad	KhemMatihiniya	Kuchaikote	8804020006	26°34'36" N	84°23'0" E											
Satyeshwer Prasad	Baliram Prasad	KhemMatihiniya	Kuchaikote	9801322300	26°34'36" N	84°23'0" E											
Umesh Prasad	Ram Prasad	Bishunpura	Kuchaikote	8294264018	26°34'13" N	84°24'17" E											
JaiPrakash Pandey	Late Heera Prasad	Bishunpura	Kuchaikote	9934403607	26°34'13" N	84°24'17" E											
Dhermendra Kumar	Baburam Bhagat	Bishunpura	Kuchaikote	7277193162	26°34'13" N	84°24'17" E											
Daroga Yadav	Late Gulli Yadav	Bishunpura	Kuchaikote	9939393527	26°34'13" N	84°24'17" E											
Diwaker Kr. Pandey	JaiPrakash Pandey	Bishunpura	Kuchaikote	9162353982	26°34'13" N	84°24'17" E											
Dina Yadav	Makun Yadav	Ahiyapur	Kuchaikote	8757523310													
JaiPrakash Singh	Ramraj Singh	Nerui	Hathua	923427118													
Kripashanker Singh	Late Ramaanth Singh	Sallehpur	Kuchaikote	8294739009													
Sunil Kr. Yadav	Late Jagarnath Yadav	Bakhari	Kuchaikote	9852139847													
Pundev Choudhary	Sona Choudhary	Hembardaha	Kuchaikote	8507638585													
Vyash Singh	SatyaNarayan Singh	Gulaura	Kuchaikote	9939051458													
Rajiv Kr. Prasad	Anil Kr. Prasad	KhemMatihiniya	Kuchaikote	8809537452	26°34'36" N	84°23'0" E											
Dhrudev Singh	Singhashan Singh	KhemMatihiniya	Kuchaikote	9955602577	26°34'36" N	84°23'0" E											
Kailash Singh	Shivvanshi Singh	Gulaura	Kuchaikote	9628276620													
Ramawati Kunwar	Gowardhan Singh	Gulaura	Kuchaikote														
Kashi Singh	Bhikham Singh	Gulaura	Kuchaikote	9323183903													
Jagdambika Rai	Choudhari Rai	Chailwa	Kuchaikote	9934686906													
Surendra Rai	Late Ashwani Rai	Chailwa	Kuchaikote	9934686906													

Yogendra Choudhary	Anirudha Choudhary	Khalgaon	Kuchaikote	8877718584													
Seema Devi	UdayBhan Bhagat	Khalgaon	Kuchaikote	8877718584													
Sunil Kr. Pandey	Late Babunda Pandey	BhojChapar	Kuchaikote	7485828366													
Vindhyachal Pandey	Narvadeshwer Pandey	Khalwagaon	Bhore	9955754645													
Sushil kumar Tiwari	Lalbabu Tiwari	Sallehpur	Sidhwaliya	9801498919													
Subhash Chandra Tiwari	Late Ramchandra Tiwari	TiwariMatihiniya	Kuchaikote	8084857103	26^{0}33'53" N	84^{0}19'58" E											
Lalbabu Tiwari	Late Madan Tiwari	Sallehpur	Sidhwaliya	9801498919													
Bholi Shah	Manbodh Shah	Sallehpur	Sidhwaliya	8961982648													
Rameshwer Yadav	Suryabali Yadav	Sidhwaliya	Sidhwaliya	9661167849													
Jitendra Kumar Yadav	Motilal Yadav	BaliwanSagar	Kuchaikote	7541935076	26^{0}33'53" N	84^{0}19'58" E											
Sobha Devi	Manoj Kumar Yadav	KalaMatihiniya	Kuchaikote	7321029010	26^{0}33'53" N	84^{0}19'58" E											
Birendra Yadav	Chabila Yadav	BaliwanSagar	Kuchaikote	8292430332	26^{0}33'53" N	84^{0}19'58" E											
Ajay Kumar Yadav	Ganpat Yadav	Tola Sipaya	Kuchaikote	9931899239													
Dhurendra Yadav	Late Chabila yadav	KalaMatihiniya	Kuchaikote	8292430332	26^{0}33'53" N	84^{0}19'58" E											
Narendra Kumar Ojha	Late Raghunath Ojha	TiwariMatihiniya	Kuchaikote	9931411376	26^{0}33'53" N	84^{0}19'58" E											
Basant Kumar Pandey	Mahwari Pandey	Bhojchapar	Kuchaikote	9431440497													
RaviShanker	Adaylal ji	Sareya	Gopalganj	8986157382													
Pheku miya	Singashan miyan	AmwaVijaypur	Kuchaikote	9199139559													
Rina Devi	Sushil Kumar Tiwari	Sallehpur	Sidhwaliya	9504178147													
Bharat kumar Bhargav	Sushil Kumar Tiwari	Sallehpur	Sidhwaliya	9162945119													
Chandrabhan	Sushil Kumar Tiwari	Sallehpur	Sidhwaliya	9661185109													

Sachidanand Choubey	Purusottamnath Choubey	VinodMatihiniya	Kuchaikote	9199045697	26°34'27" N	84°22'42" E												
Upendra Kumar Yadav	Rajbali yadav	KalaMatihiniya	Kuchaikote	8873541381	26°33'53" N	84°19'58" E												
BrijMohan Prasad	Jokhu Bhagat	DurgMatihiniya	Kuchaikote	9162691247	26°33'53" N	84°19'58" E												
Sandeep Kumar	Brijkishor Prasad	Roopchap	Kuchaikote	9631527390	26°34'50" N	84°22'58" E												
Jaleswari	Nandji Rai	Roopchap	Kuchaikote	9162836690	26°34'50" N	84°22'58" E												
Anil Yadav	Rajbali yadav	KalaMatihiniya	Kuchaikote	7070315625	26°33'53" N	84°19'58" E												
Dhruvdev Dubey	Late Ramraj Dubey	Sipaya	Kuchaikote	9934761614	26°34'27" N	84°22'42" E												
Kisan Rai	Bidya Rai	SipayaKhas	Kuchaikote		26°34'27" N	84°22'42" E												
Praduman Shah	Late Amla Shah	KhemMatihiniya	Kuchaikote	9852059325	26°34'36" N	84°23'0" E												
Yogendra Singh	Jokhan Singh	Kharharwa	Unchkagaon	9934660705														
Rabindra Kr. Gupta	Moti lal	Jamunia	Kuchaikote	9939835562														
Munna Kr. Gupta	Bhanu Gupta	BinodMatihiniya	Kuchaikote	9973488195	26°33'53" N	84°19'58" E												
Ramraj Yadav	Jieut Rawat	Sipaya Khas	Kuchaikote		26°34'27" N	84°22'42" E												
Surendra Yadav	Ramraj Yadav	KhemMatihiniya	Kuchaikote		26°34'36" N	84°23'0" E												
Shanker Rai	Laxhuman Rai	SipayaKhas	Kuchaikote		26°34'27" N	84°22'42" E												
Parash Rai	Shanker Rai	KhemMatihiniya	Kuchaikote		26°34'36" N	84°23'0" E												
Collector Ram	Late Bhola Ram	KhemMatihiniy	Kuchaikote		26°34'36" N	84°23'0" E												
UdayNarayan Pandey	Late Phatan Pandey	Bhojchapar	Kuchaikote															
Birendra Rai	Shibnath Rai	Sipaya Khas	Kuchaikote	8651890473	26°34'27" N	84°22'42" E												
Ashok Yadav	Tilak Yadav	Roopchap	Kuchaikote	9852840246	26°34'50" N	84°22'58" E												
Basant Kr. Yadav	Harendra Yadav	Khemmatihiniya	Kuchaikote	9852488101	26°34'36" N	84°23'0" E												

Shakil Ahmad	Raj Mohd.	Semra	Thawe	9430298365												
Manoj Kr. Rai	Nand Kishore Rai	Dhebwa	Kuchaikote	9771881629												
Munna Kr.	Babulal Rai	Sipayakh as	Kuchaikote	8083997480	26°34'27" N	84°22'42" E										
Chandrama Bhagat	Santlal Bhagat	Khemmat ihiniya	Kuchaikote	9801265886	26°34'36" N	84°23'0" E										
Anup Kumar	Rajkishore	Roopchap	Kuchaikote	9097218609	26°34'50" N	84°22'58" E										

Crop 4 (Lentil)

Name of farmer	*Father's name*	*Village*	*Block*	*Mobile No.*	*GPS Coordinates (DDMMSS format)*		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
					Latitude	Longitude						H	L	A		
Kumar Tarun Bhanu	Ashok Kumar Singh	Thawe road	Thawe	7004297899						HUL 57	16	15.90	9.40	12.65	7.80	62
Umesh Prasad	Ram Prasad	Vishunpura	Kuchaikote	8294264018	26°34'13" N	84°24'17" E										
Daroga Yadav	Late Guli yadav	Vishunpura	Kuchaikote	9939393527	26°34'13" N	84°24'17" E										
Dina Yadav	Makun Yadav	Ahiyapur	Kuchaikote	8757523310												
Dhermendra Kumar	Baburam Bhagat	Vishunpura	Kuchaikote	7277193162	26°34'13" N	84°24'17" E										
Vyas Singh	Satyanarayan Singh	Gulaura	Kuchaikote	9939051458												
Ramawati Kunwar	Gobardhan Singh	Gulaura	Kuchaikote													
Kashi Singh	Bhikham Singh	Gulaura	Kuchaikote	9525183190 5												

Kailash Singh	Shivbali singh	Gulaura	Kuchaikote	9162827662													
Rajiv Kr.Prasad	Anil Kr. Prasad	KhemMatihiniya	Kuchaikote	8809537452	26°34'36" N	84°23'0" E											
Nandlal Prasad	Saral Prasad	KhemMatihiniya	Kuchaikote	9006416015	26°34'36" N	84°23'0" E											
Jagdambika Sharan Rai	Choudhary Rai	Chailwa	Kuchaikote	9934686906													
Prabhaker Pandey	Harinarayan Pandey	Bhojchapper	Kuchaikote	9006890880													
Chandrama Bhagat	Santlal Bhagat	Khemmatihiniya	Kuchaikote		26°34'36" N	84°23'0" E											
SubhashChandra Tiwari		Tiwarimatihiniya	Kuchaikote	8084857103	26°33'53" N	84°19'58" E											
Vindhyachal Pandey	Narvdeshwer Pandey	Khalwa Gaon	Bhore	9955754645													
Niteshwer Dubey	Rabindra Dubey	Sipaya	Kuchaikote	9006413291	26°34'27" N	84°22'42" E											
Vidyaker Dubey		Sipaya	Kuchaikote	8002899831	26°34'27" N	84°22'42" E											
Shanker Rai	Laxhuman Rai	Sipaya Khas	Kuchaikote	9973216207	26°34'27" N	84°22'42" E											
OmPrakash Singh	Birendra singh	Pipara	Barauli	9934212012													
Brijmohan Prasad	Late Jokhu Prasad	KhemMatihiniya	Kuchaikote	9162691247	26°34'36" N	84°23'0" E											
Udaynarayan Rai	Mahasray Rai	Kalamatihiniya	Kuchaikote	9931670798	26°33'53" N	84°19'58" E											
Anil Yadav	Rajbali Yadav	Kalamatihiniya	Kuchaikote	7078365625	26°33'53" N	84°19'58" E											
Shakil Ahmad	Raj Mohd.	Semra	Thawe	9430298365													
Madan Yadav	Nathuni Yadav	Khemmatihiniya	Kuchaikote	9572751550	26°34'36" N	84°23'0" E											

Crop 5 (Green Gram)

Name of farmer	*Father's name*	*Village*	*Block*	*Mobile No.*	*GPS Coordinates (DDMMSS format)*		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)		Yield of local check q/ha		% increase
					Latitude	Longitude						H	L	A		
Harishchandra Singh	Rajaram Singh	Kalamatihiniya	Kuchaikote	9546355004												
Mirtunjay Kumar Singh	Parasnath Singh	Rampur madho	Kuchaikote	9931999672												
Manish Kumar Tiwari	Rajmangal Tiwari	Sipaya	Kuchaikote	7004824505												
Santosh Sharma	Lalan Sharma	Sipaya	Kuchaikote	9934017648												
Ashok Kumar Rai	Mangal Rai	Baraipatti	Gopalganj	9973002094												
Subhash Chandra Tiwari	Ramchandara Tiwari	Tiwari Mattihiniya	Kuchaikote	8084857103												
Chandan Kumar Tiwari	Hari Tiwari	Tiwari Mattihiniya	Kuchaikote	9934192651												
Vivek Kumar Rai	Mithlesh Kumar Rai	Baraipatti	Gopalganj	9102861851												
Bairister Prasad Singh	Ramawtar Prasad	KhemMatihiniya	Kuchaikote	7301190828												
Prabhakar Pandey	Harinarayan Pandey	Bhojchhapra	Kuchaikote	9906890880												
Durgavati Devi	Paspati Mahto	Salehpur	Kuchaikote	7739960837												
Pradeep Kumar	Prushuttam Prasad	KhemMatihiniya	Kuchaikote	9852510006												
Harilal Prasad	Suryadev Prasad	KhemMatihiniya	Kuchaikote	9431872656												

Ravi Kumar	Swami nath Singh	KhemMatihiniya	Kuchaikote	9771719322														
Parmhans Choudhry	Janardhan Choudhari	santi Jagdish	Kuchaikote	9006390414														
Nagwali Tiwari	Shivji Tiwari	Sobhan Chack	Gopalganj	8084060511														
Niteshwar Dubey	Ravindra Dubey	Sipaya	Kuchaikote	9006413271														
Arbind Kumar	Krishna jee Prasad	KhemMatihiniya	Kuchaikote	9431112136														
Devprabha Devi	Rajeev Kumar	KhemMatihiniya	Kuchaikote	8809537452														
Madan Yadav	Vishuni Yadav	KhemMatihiniya	Kuchaikote	9572751550														
Rajesh Roy	Shankar Roy	Sipaya Khas	Kuchaikote	9973216207														
Brijmohan Prasad	Jokhu Bhagat	KhemMatihiniya	Kuchaikote	9162691247														
Vijay Prasad gupta	Sudhama Prasad	KhemMatihiniya	Kuchaikote	9852626615														
Ramjee Ram	Vikram Ram	Kala matininiya	Kuchaikote	9939454642														
Shaukat Ali	Bala Hussain Minya	Kala Matihiniya	Kuchaikote	8789745971														
Kedar Nath Prasad	Pralad Prasad	Durgmahthinihiya	Kuchaikote	9264288990														
Manju Devi	Kedarnath Prasad	Durgmahthinihiya	Kuchaikote	9264288990														
Hansan Raja	Abdul Latif	Shyampur	Kuchaikote	9801082650														
Sahid Raja	Abdul Latif	Shyampur	Kuchaikote	6202674832														
Bundela Choudhary	Ramsakal Choudhry	Bhoj chhaper	Kuchaikote	9771649331														

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	1	65	0	65	5	0	5	0	0	0	70	0	70
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	1	41	0	41	1	0	1	0	0	0	42	0	42
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming	1	27	0	27	2	0	2	0	0	0	27	2	29
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													

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
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any Mushroom Production	1	50	7	57	5	0	5				55	7	62
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**4**	**183**	**7**	**190**	**13**	**0**	**13**	**0**	**0**	**0**	~~194~~	~~9~~	~~203~~

196 + 206

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	17	9	26	4	2	6	0	0	0	21	11	32
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing	1	17	3	20	1	0	1	0	0	0	18	3	21
Quail farming													
Piggery													
Rabbit farming													
Poultry production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**2**	**34**	**12**	**46**	**5**	**2**	**7**	**0**	**0**	**0**	**39**	**14**	**53**

C) Extension Personnel (on campus)

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL													

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2	40	0	40	5	5	10	0	0	0	45	5	50
Resource Conservation Technologies	2	40	0	40	4	2	6	0	0	0	44	2	46
Cropping Systems	3	80	0	80	8	2	10	0	0	0	88	2	90
Crop Diversification													
Integrated Farming													
Water management	4	115	0	115	14	2	16	0	0	0	129	2	131
Seed production													
Nursery management	1	20	0	20	2	2	4	0	0	0	22	2	24
Integrated Crop Management													
Fodder production													
Production of organic inputs	1	20	0	20	3	3	6	0	0	0	23	3	26
Others, (cultivation of crops)	8	200	0	200	17	7	24	0	0	0	217	7	224
others, (Fertilizer management)	3	78	0	78	6	0	6	0	0	0	84	0	84
Total	**24**	**593**	**0**	**593**	**59**	**23**	**82**	**0**	**0**	**0**	**652**	**23**	**675**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													

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
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management	4	103	6	109	2	0	2	0	0	0	105	6	111
Feed management	2	48	10	58	2	0	2	0	0	0	50	10	60
Production of quality animal products	1	24	4	28	4	1	5	0	0	0	28	5	33
Others, if any Goat farming	1	16	9	25	0	0	0	0	0	0	16	9	25
Total `	**8**	**191**	**29**	**220**	**8**	**1**	**9**	**0**	**0**	**0**	**199**	**30**	**229**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	14	302	15	317	58	1	59				360	16	376
Integrated Disease Management	5	98	8	106	22	2	24				120	10	130
Bio-control of pests and diseases	3	67	6	73	13	0	13				80	6	86
Production of bio control agents and bio pesticides													
Others, if any													
Total	**22**	**467**	**29**	**496**	**93**	**3**	**96**				**560**	**32**	**592**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													

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
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**54**	**1251**	**58**	**1309**	**160**	**27**	**187**	**0**	**0**	**0**	**1411**	**85**	**1496**

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	64	11	75	13	0	13	0	0	0	77	11	88
Bee-keeping													
Integrated farming	3	69	0	69	8	5	13	0	0	0	77	7	84
Seed production													
Production of organic inputs	1	17	3	20	5	0	5	0	0	0	22	3	25
Integrated Farming													
Planting material production													
Vermi-culture	3	57	2	59	11	2	13	0	0	0	68	4	72
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													

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
Value addition	2	37	0	37	7	6	13	0	0	0	44	6	50
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	1	18	0	18	4	3	7	0	0	0	22	3	25
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
Others, if any													
TOTAL	**12**	**262**	**16**	**278**	**48**	**16**	**64**	**0**	**0**	**0**	**310**	**34**	**344**

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	90	0	90	14	0	14	0		0	104	0	104
Integrated Pest Management	4	109	8	117	25	0	25	0	0	0	~~137~~ 134	8	142
Integrated Nutrient management	1	12	8	20	1	0	1	0	0	0	13	8	21
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													

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
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	7	211	16	227	40	0	~~60~~ 40	0	0	0	~~254~~ 251	16	267

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	2	40	0	40	5	5	10	0	0	0	45	5	50
Resource Conservation Technologies	2	40	0	40	4	2	6	0	0	0	44	2	46
Cropping Systems	3	80	0	80	8	2	10	0	0	0	88	2	90
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	4	115	0	115	14	2	16	0	0	0	129	2	131
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	1	20	0	20	2	2	4	0	0	0	22	2	24
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	1	20	0	20	3	3	6	0	0	0	23	3	26
Others, (cultivation of crops)	9	265	0	265	22	7	29	0	0	0	287	7	294
Others. (Fertilizer management)	3	78	0	78	6	0	6	0	0	0	84	0	84
TOTAL	**25**	**658**	**0**	**658**	**64**	**23**	**87**	**0**	**0**	**0**	**722**	**23**	**745**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses,													

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
Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													

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
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	1	41	0	41	1	0	1	0	0	0	42	0	42
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management	4	103	6	109	2	0	2	0	0	0	105	6	111
Production of quality animal products	2	48	10	58	2	0	2	0	0	0	50	10	60
Others, if any (Goat farming)	1	24	4	28	4	1	5	0	0	0	28	5	33
TOTAL	2	43	9	52	2	0	2	0	0	0	43	11	54
	10	**259**	**29**	**288**	**11**	**1**	**12**	**0**	**0**	**0**	**268**	**32**	**300**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	14	302	15	317	58	1	59	0	0	0	360	16	376
Integrated Disease Management	5	98	8	106	22	2	24	0	0	0	120	10	130

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
Bio-control of pests and diseases	3	67	6	73	13	0	13				80	6	86
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	1	50	7	57	5	0	5	0	0	0	55	7	62
VIII. Fisheries	**23**	**517**	**36**	**553**	**98**	**3**	**101**	**0**	**0**	**0**	**615**	**39**	**654**
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	**58**	**1434**	**65**	**1499**	**173**	**27**	**200**	**0**	**0**	**0**	**1607**	**92**	**1699**

1607 92

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	3	81	20	101	17	2	19	0	0	0	98	22	120
Bee-keeping													
Integrated farming	3	69	0	69	8	5	13	0	0	0	77	7	84
Seed production													
Production of organic inputs	1	17	3	20	5	0	5	0	0	0	22	3	25
Planting material production													
Vermi-culture													
Sericulture	3	57	2	59	11	2	13	0	0	0	68	4	72
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products	2	37	0	37	7	6	13	0	0	0	44	6	50
Dairying													
Sheep and goat rearing	1	17	3	20	1	0	1	0	0	0	18	3	21
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													

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
rearing													
Small scale processing													
Post Harvest Technology	1	18	0	18	4	3	7	0	0	0	22	3	25
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	**14**	**296**	**28**	**324**	**53**	**18**	**71**	**0**	**0**	**0**	**349**	~~48~~ 46	~~398~~ 395

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	2	90	0	90	14	0	14	0	0	0	104	0	104
Integrated Pest Management	4	109	8	117	25	0	~~48~~ 25	0	0	0	~~137~~ 134	8	~~142~~ ~~134~~
Integrated Nutrient management	1	12	8	20	1	0	1	0	0	0	13	8	21
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													

Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	7	211	16	227	40	0	~~60~~ 40	0	0	0	~~254~~ 251	16	~~267~~ 267

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
08.04.2017	PF	Residue management	1	Off	23	2	25	3	2	5
24.04.2017	PF	Scientific cultivation of Green Gram	1	Off	23	3	26	3	3	6
02.05.2017	PF	Water management in Sugarcane	1	Off	25	0	25	2	0	2
05.05.2017	PF	Green manuring of Dhaincha	1	Off	23	3	26	3	3	6
15.05.2017	PF	Mixed farming	1	Off	23	2	25	3	2	5
26.05.2017	PF	Productivity enhancement of field crop	1	on	70	0	70	5	0	5
01.06.2017	PF	Nursery management in Paddy	1	Off	22	2	24	2	2	4
16.06.2017	PF	Weed management in broadcasted paddy	1	Off	23	3	26	3	3	6
16.07.2017	PF	SRI Method of paddy	1	Off	25	0	25	0	0	0
30.07.2017	PF	Cultivation of Arhar	1	Off	66	0	66	2	0	2
02.08.2017	PF	Water management in paddy	1	Off	30	2	32	5	2	7
11.09.2017	PF	Fertilizer management in paddy	1	Off	30	0	30	2	0	2
26.09.2017	PF	Contingent farming in drought	1	Off	34	0	34	3	0	3
27.09.2017	PF	Organic farming in paddy	1	Off	25	0	25	2	0	2
08.10.2017	PF	Autumn Planting of Sugarcane	1	Off	18	0	18	2	0	2
09.10.2017	PF	Improve Technology for wheat growing	1	Off	16	2	18	2	2	4
08.11.2017	PF	Fertilizer management in Sugarcane based intercropping system	1	Off	29	0	29	2	0	2
16.11.2017	PF	Intercropping in autumn planting Sugarcane	1	Off	31	0	31	2	0	2
19.11.207	PF	Zero tillage in wheat	1	Off	21	0	21	1	0	1
03.12.2017	PF	Water management in sugarcane	1	Off	50	0	50	5	0	5
02.01.2018	PF	Water management in wheat	1	Off	24	0	24	2	0	2
16.01.2018	PF	Weed management in wheat	1	Off	22	4	24	2	2	4
19.01.2018	PF	Scientific cultivation	1	Off	22	2	24	4	2	6

		of feb. planting sugarcane								
27.02.2018	PF	Scientific cultivation of spring sugarcane	1	Off	22	0	22	2	0	2
07.03.2018	PF	Scientific cultivation of summer moong	1	Off	25	0	25	2	0	2
		Total	**24**		**652**	**25**	**675**	**59**	**23**	**82**
Plant Protection										
11.04.2017	PF	Management of insect pests in cucurbitaceous vegetables	1	Off	22	2	24	5	0	5
24.04.2017	PF	Disease management in cucurbitaceous vegetable	1	Off	23	2	25	4	2	6
05.05.2017	PF	Management of insect and mosaic diseased in summer moong	1	Off	25	3	28	5	0	5
11.05.17	PF	Management of insect pest in Okra	1	Off	25	0	25	5	0	5
05.06.2017	PF	Insect pest and diseases management in maize	1	Off	27	0	27	4	0	4
27.06.2017	PF	Management of store grain pest of cereals and pulses	1	Off	24	2	26	4	0	4
22.07.2017	PF	Insect pest management in paddy	1	Off	25	0	25	6	0	6
26.07.2017	PF	Mushroom production	1	On	55	7	62	5	0	5
23.08.2017	PF	Diseases management of paddy	1	Off	25	0	25	3	0	3
26.08.2017	PF	Insect pest management in Bringal	1	Off	26	0	26	2	0	2
11.09.2017	PF	Insect pest management in mango and litchi	1	Off	23	3	26	4	0	4
18.09.2017	PF	Insect pest management in sugarcane	1	Off	23	2	25	5	0	5
26.09.2017	PF	Management of insect pest in tomato and chilli	1	Off	23	4	27	4	1	5
07.10.2017	PF	Insect pest management in guava	1	Off	23	2	25	4	0	4
20.10.2017	PF	Disease management in sugarcane	1	Off	26	2	28	6	0	6
01.11.2017	PF	Management of insect pest of sugarcane	1	Off	23	5	28	5	0	5
18.11.2017	PF	Insect pest management of maize crops	1	Off	35	0	35	2	0	2
25.11.2017	PF	Diseases management in sugarcane crops	1	Off	22	4	26	5	0	5
07.12.2017	PF	Importance of seed	1	Off	30	0	30	3	0	3

		treatment in crop production								
11.12.2017	PF	Insect pest and diseases management in Mustard crops	1	Off	28	3	31	4	0	4
16.12.2017	PF	Insect pest management in cole crops	1	Off	28	0	28	4	0	4
08.01.2018	PF	Insect pest management of pigeon pea	1	Off	24	0	24	5	0	5
10.03.2018	PF	IPM in Pulse crop	1	Off	28	0	28	4	0	4
		Total	**23**		**613**	**41**	**654**	**98**	**3**	**101**
Animal Sc.										
13.06.2017	PF	Biosecurity	1	Off	24	1	25	0	0	0
21.07.2017	PF	Control of Parasitic diseases in dairy animals	1	Off	30	1	31	2	0	2
22.07.2017	PF	Hygienic Milk Production	1	Off	28	5	33	4	1	5
22.08.2017 to 25.08.2017	PF	Goat production	3	On	27	0	27	2	0	2
29.08.2017 to 31.08.2018	PF	Cattle Production	3	On	42	0	42	1	0	1
11.11.2017	PF	Year round fodder production	1	Off	24	3	27	1	0	1
16.11.2017	PF	Feeding of goat and sheep	1	Off	26	7	33	1	0	1
29.01.18 to 31.01.18	PF	Goat production	1	Off	16	9	25	0	0	0
07.03.2018	PF	Vaccination in Goat	1	Off	25	4	29	0	0	0
31.03.2018	PF	Reproductive problem in cattle	1	Off	26	0	26	0	0	0
		Total	**14**		**268**	**30**	**298**	**11**	**1**	**12**
Agronomy	**RY**									
13.04.2017 to 15.04.2017	RY	Potato based industry	3	Off	22	3	26	3	3	6
10.06.2017 to 11.06.2017	RY	NADEP Compost	2	Off	25	0	25	5	0	5
22.07.2017 to 24.07.2017	RY	Integrated farming	3	Off	22	3	25	3	3	6
24.09.2017 to 25.09.2017	RY	Sugarcane based industry	2	Off	22	3	25	4	3	7
05.10.2017 to 07.10.2017	RY	Potato based industry	3	Off	22	3	25	4	3	7
09.11.2017 to 11.11.2017	RY	Integrated farming system	3	Off	23	2	25	3	2	5
17.12.2017 to 18.02.2017	RY	Vermi composting	2	Off	23	2	25	3	2	5
12.01.2018 to 14.01.2018	RY	Integrated Farming	3	Off	32	2	34	2	0	2
		Total	**21**		**191**	**18**	**210**	**27**	**16**	**43**
Plant Protection	RY									
20.04.2017 to 22.04.2017	RY	Organic Farming of vegetable	3	Off	20	2	22	3	0	3
19.06.17t0 20.06.17	RY	Production of bio control agents	2	Off	22	3	25	5	0	5
4.10.2017	RY	Mushroom	1	On	21	11	32	4	2	6

10.11.2017	RY	Production Mushroom Production	1	Off	58	4	62	10	0	10
23.02.2018 to 24.02.2018	RY	Mushroom Production	2	Off	19	7	26	3	0	3
		Total	**9**		**140**	**27**	**167**	**25**	**2**	**27**
Animal Sc.										
22.11.2017 to 25.11.2017	RY	Goat Production	4	On	18	3	21	1	0	1
		Total	**4**		**18**	**3**	**21**	**1**	**0**	**1**
Agronomy										
08.05.2017	EF	SRI method of Rice cultivation	1	Off	71	0	71	11	0	11
09.05.2017	EF	Integrated Farming	1	Off	13	8	21	1	0	1
17.10.2017	EF	Diversify cereal based cropping system by pulses	1	Off	33	0	33	3	0	3
		Total	**3**		**117**	**8**	**125**	**15**	**0**	**15**
Plant Protection										
18.10.2017	EF	Insect pest management in vegetable	1	Off	45	0	45	7	0	7
25.10.2017	EF	Insect pest management in Rabi crops	1	Off	30	1	31	5	0	5
10.01.2018	EF	Management of late blight diseases in tomato and potato	1	off	27	7	31	6	0	6
13.01.2018	EF	Insect pest management in rabi Crops	1	Off	35	0	35	7	0	27
		Total	**4**		**137**	**8**	**142**	**25**	**0**	**45**
Sponsored Training										
06.05.2017	PF	Scientific Cultivation of Sugarcane	1	Off	190	10	200	15	10	25
16.05.2017	EF	Scientific Cultivation of Kharif Crops	1	Off	220	8	228	20	8	28
19.05.2017	PF	Technique of Nira production and processing	1	Off	110	5	115	100	5	105
22.05.2017	PF	Management of store	1	Off	5	200	205	0	10	10

		grain pests								
25.05.2017	PF	Scientific Cultivation of Kharif Crops	1	Off	161	10	171	11	10	21
23.10.2017	EF	Scientific cultivation of Rabi crops	1	Off	300	22	322	22	0	22
03.11.2017	PF	Scientific cultivation of sugarcane	1	Off	210	0	210	15	0	15
07.11.2017	PF	Scientific cultivation of sugarcane	1	Off	170	0	170	10	0	10
15.11.2017	PF	Scientific cultivation of sugarcane	1	Off	190	0	190	9	0	9
21.11.2017 to 22.11.17	PF	Use of different farm implement for land preparation & sowing of Rabi crops	2	Off	216	7	223	15	3	18
06.01.2018	PF	Insect pest management in cucurbitaceous vegetables	1	Off	95	0	95	10	0	10
01.02.2018	EF	Role of farm mechanization in doubling farmer income	1	Off	250	0	250	0	0	0
		Total	**13**		**2117**	**262**	**2379**	**227**	**46**	**273**

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Goat Rearing	Goat Farming	Goat Production	4	18	3	21	Goat Units	4	4	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
					PF/RY/EF		Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	Sugar Mill
1.	Scientific Cultivation of Sugarcane	Cultivation of Crop	May 17	1	PF	1	175	15	0	0	10	0	175	25	0	200	ATMA
2.	Scientific Cultivation of Kharif Crops	Cultivation of Crop	May 17	1	EF	1	200	20	0	0	8	0	200	28	0	228	ATMA
3	Technique of Neera production and processing	Post harvest Tech.	May 17	1	PF	1	10	100	0	0	5	0	10	105	0	115	ATMA
4	Management of store grain pests	IDM	May 17	1	PF	1	5	0	0	190	10	0	195	10	0	205	ATMA
5.	Scientific Cultivation of Kharif Crops	Cultivation of Crop	May 17	1	PF	1	150	11	0	0	10	0	150	21	0	171	ATMA
6	Scientific cultivation of Rabi crops	Cultivation of Crop	Oct. 17	1	EF	1	278	22	0	22	0	0	300	22	0	322	ATMA
7	Scientific cultivation of sugarcane	Cultivation of Crop	Nov.17	1	PF	3	500	34	0	36	0	0	536	34	0	570	Sugar mill
8.	Use of different farm implement for land preparation & sowing of Rabi crops	Cultivation of Crop	Nov.17	1	PF	2	201	15	0	4	3	0	205	18	0	223	ATMA
9.	Insect pest management in cucurbitaceous vegetables	IPM	Jan. 18	1	PF	1	85	10	0	0	0	0	85	10	0	95	DAO
10	Role of farm mechanization in doubling farmer income	Cultivation of Crop	Feb. 2018	1	EF	1	250	0	0	0	0	0	250	0	0	250	ATMA
	Total					13	1854	**227**	0	252	46	0	2106	273	0	**2379**	

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	10	647	0	647		0	0	0	647	0	647
KisanMela	3	1360	0	1360		0	0	0	1360	0	1360
KisanGhosthi	11	1307	7	1314		0	0	0	1307	7	1314
Exhibition											
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons	8	574	0	574					574	0	574
Advisory Services											
Scientific visit to farmers field	441	441	0	441					441	0	441
Farmers visit to KVK	814	814	0	814					814	0	814
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	2	100	0	100					100	0	100
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
MahilaMandals Conveners meetings											
Celebration of important days (specify)											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
MahilaKisan Divas	1	0	35	35					0	35	35
Any Other (Specify)											
Total	1292	5383	42	5425					5383	42	5425

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	0
Radio talks	0
TV talks	0
Popular articles	0
Extension Literature	0
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Rabi 2016-17				
Wheat	HD 2824	236.0		
Wheat	HD 2824	40.0		
Gram	BG 372	7.92		
Summer/Spring 2017				
Green Gram	PDM 139	4.20		
Cowpea	KashiKanchan	4.26		
Kharif 2017				
Paddy	CO 51	122.2		
Rabi 2017-18				
Wheat	HD 2733	Result awaited		
Wheat	HD 2733			
Gram	BG 372	9.0 (expected)		
Pea	HFP 4	10.0 (expected)		
Summer/Spring 2018				
Green Gram	PDM-139	Result awaited		
Sugarcane	COP 2061	711.35		
Grand Total				

Production of planting materials by the KVKs

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

Production of Bio-Products

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

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				

Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

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

i) Quality Seed Production Reports

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

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	Peste-des-petits-ruminants in goats: Sero-epidemiologycal study in Indo-Gangetic Plains	Pankaj Kumar, Bidya Shankar Sinha, **RamaKrishna Roy**, Rashmi Kumari and Abhay Kumar	Indian Journal of Animal Science (2017). 87 (4):418-421 April issue	
	Sero-epidemiology of Bluetongue and Caprine arthritis-encephalitis in goats of middle Indo-Gangetic plains	Pankaj Kumar, Kaushal Kishore Rajak, Sankariaah Jegaveera-Pandian, Dinesh Mahto, Rashmi Rekha Kumari, Ramakrishna Roy and Abhay Kumar	Indian Journal of Animal Science 88 (1): 26-29, January 2018	
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Summer School	Empowering rural youth through agripreneurship	Dr. Rajendra Prasad, SMS (Agronomy)	21 days (5th August-25th August, 2017)	BAU, Sabour
2.	Brainstorming meet	Gender and social issues in Bihar Agriculture	Dr. Ramakrishna Roy , Programme coordinator	2 days (8-9th May, 2018)	Dr. RPCAU, Pusa
3.	Training cum demonstration	Training cum demonstration on soil testing kit	Dr. Sunil Kumar Mandal SMS (Plant Protection)	1 day (5th July, 2017)	Dr. RPCAU, Pusa
4.	Training	Soil testing	Dr. Rajendra Prasad, SMS (Agronomy), Shri Ravikant Kumar, Farm Manager	7 days (3rd-10th January, 2018)	Dr. RPCAU, Pusa
5.	Training	HRD training	Shri Ravikant Kumar, farm manager Pankaj Rai, Assistant	3 days (17-19th January, 2018)	Dr. RPCAU, Pusa
6.	Training	Farm Management	Shri Ravikant Kumar, Farm Manager	5 days (6-10th March, 2018	ICAR- IIFSR, Modipuram
7.	Training	Automatic Plant disease detection	Dr. Mohd. Sajid Husain, SMS (Agronomy), Shri Sanjay Kumar, SMS (Plant Protection)	1 day (19th February, 2018	ICAR-RCER, Patna

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

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

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

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

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

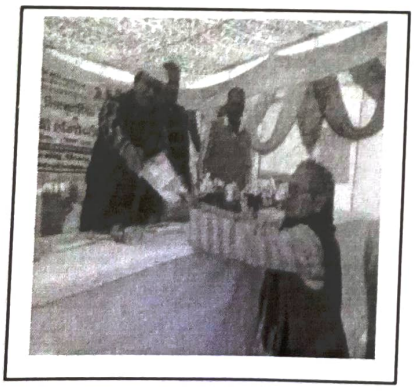
Sl. No	Name of the Equipment	Qty.
1.	Mridaparikshak	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (inRs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
Nil	50	50	225		

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.	World Soil Day celebration	306	3	DAO, Gopaganj, BAO, Kuchaikote	225	



Distribution of SHC

Farmers' participation

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) Yes

No of student trained	No of days stayed
1.	30

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
05.04.2017	1. Dr. S.B. Mishra, Chief Scientist, DRPCAU 2. Dr. Ravikant, Jr. Scientist, DRPCAU 3. Dr. A.K. Mishra DRPCAU	Seed Monitoring Team
26.05.2017	1. Dr.A.K.Singh, DDG (Ag.Extension), ICAR 2. Dr. K.M.Singh, DEE, Dr.RPCAU, Pusa 3. Dr. BrajeshShahi, Nodal officer, KVKs, Dr.RPCAU, Pusa	KVK Visit
22.06.2017	1.Dr.K.M. Singh, DEE, Dr.RPCAU, Pusa, 2. Dr. BrajeshShahi, Nodal Officer, KVKs, DRPCAU 3. Dr. K.K. Jha, PC, KVK, East Champaran Dr.RPCAU, Pusa	SAC meeting
13.07.2017	Dr.K.K. Sinha, Head Agronomy, Dr. I.B. Pandey, Agronomist, Dr. S.B. Mishra, Breeder, Dr. RPCAU, Pusa	FLD Programme
05.12.2017	Shri Suresh Prasad, DAO, Gopalganj, Shri Hoshila Prasad Tiwari, BAO, Kuchikote, Shri Pramod Kumar	World Soil Day
17.03.2018	Hon. M.P. Gopalganj, Janak Ram	Live telecast of Hon. PM

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

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	Training, Demonstration, joint implementation, technical support
2. ATMA, Gopalganj	Joint survey, training, technical support
3.DRDA, Gopalganj	Technical support, participation in meetings.
4. District Sugarcane Department	Trainings

5. NABARD , Gopalganj	Training, meeting and Farmer Producer Organization
6.. Lead Bank (Central Bank), Gopalganj	Training, meetings and farmer schemes
7.District Rural Livelihoods (Jeevika)	Meetings
8. District Animal Science Department	Training, participation in meeting
9. District Fisheries Department	Training, participation in meeting
10. District Horticulture Department	Training, technical support
11. District farm Sipaya	Technical support
12. NHM, RAU Pusa	Financial assistance for training, seed production, nursery development.
13.. Directorate of seed and farm, TCA, Dholi	Seed production, seed sale, source seeds for seed villages.
14. UBGB Bank, Gopalganj	Training
15. DIC, Gopalganj	Training , meeting
16. Tata chemicals, Bio seeds, Indo gulf fertilizers	Inputs
17. SRI Pusa	Seed production sugarcane/ infrastructure

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

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Cluster demo on oilseed (Rapeseed and Mustard)	CFLD (oilseed)	1st Oct, 2015	NFSM (ICAR)	2,40,000.00
Cluster demo on Pulses (Pigeonpea)	CFLD (pulses)			1,31,000.00
Cluster demo on Pulses (Lentil				45,000.00
Cluster demo on Pulses (Lentil)				0.0

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty. (q)	Cost of inputs	Gross income	
1.	Vermi Compost Unit	2008	600ft^2	E. fetida	Vermi compost	75			Used in farm
2.	AWAS	2010	100ft^2						
3.	Processing plant	2010							
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
HD 2824	22.11016 to 26.11.16	10.04.17	5	HD 2824	F/S	236.0			
HD 2824	22.11.16 to 26.11.16	11.04.17	1	HD 2824	B/S	40.0			
Paddy		13.11.17	6	CO 51	T/L	126.0			
Wheat	22-28th Nov. 17	12.04.17	4	HD 2733	F/S	Result awaited			
Wheat	22-28th Nov. 17	12.04.17	2	HD 2733	B/S				
Gram	9-12th Nov. 18	10-15th April '17	1	BG 372	B/S	9			
Pea	02-4th Nov. '17	19-21st March, '18	0.5	HFP 4	B/S	10			

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

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

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

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

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Rapeseed and Mustard		2,40,000.00		70,500.00	1,69,500.00

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2018
	Kharif	Rabi	Kharif	Rabi	
Pigeonpea	1,31,000.00		63,400.00		67,600.00
Lentil		45,000.00		74,724.00	(-) 1, 37,244.00

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	59.50	59.00	58.47
B. General				
General		17.50	18.00	13.04
Total (A+B)		77.00	77.00	71.51
Balance				5.49
Closing Balance as on 31/03/18				23.77

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	3276223.00	1353245.00	1028234.00	3601234.00
2016-17	3601234.00	782396.00	879295.00	3504335.00
2017-18	3504335.00	709706	1060617.00	3153423.00

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

Farmers Producer Organization:

There are two farmers producer organization in the district viz., Anjali Farmers' Producer Organization and Pragati Agro Producer Company limited. These FPOs ahave been formed by the NABARD, Gopalganj. The members of the Pragati Agro Producer Company Limited have been provided training on Goat production (off campus, at their venue) and mushroom production. Two other FPOs are coming up in the district related to mushroom.

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
Field day cum krishak gosthi on sugarcane moong intercropping	06	June'17	Sugar mill and sugarcane deptt.	-	
Field visit for germination problem in paddy	01	Kharif	DAO	-	
Setting up of soil testing unit at Sansad Adarsh Gram, Khaira Azam	01	Sept, 17	DAO	-	

State level Rabi Mahabhiyan	01	Oct, 2017			with both
Commissionary level Rabi Karmshala	01	Oct, 2017	-	-	with both
Rabi Mahabhiyan	01	Oct, 2017	-	-	with both
Kisan Choupal	01	Dec, 17			with
ATMA KVK Convergence meet	01	Dec, '17		ATMA	
World Soil Day	01	Dec'17	DAO		
Exposure visit	01	Dec'17		ATMA	
Annual meeting of Kisan Club, Samgra Gram Vikas, Sitadhara, Kateya	01	Dec'17	NABARD and Bank officials		
Krishi Yantrikaran sah Upadan Mela	01	Feb17			with both
Krishi Yantrikaran sah Upadan Mela	02	March, 17			with both

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

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

9.4. *KVK* Portal and Mobile App

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

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	11	10,000.00
2. Basic maintenance	179	57,000.000
3. Sanitation and SBM	0	0
4. Cleaning and beautification of surrounding areas	3	19,500.00
5. Vermicomposting/	1	3,000.00

Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		0
7. Swachhta Awareness at local level	5	0
8. Swachhta Workshops	1	0
9. Swachhta Pledge	1	0
10. Display and Banner	3	0
11. Foster healthy competition	0	0
12. Involvement of print and electronic media	1	0
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	0	0
16. Any other specific activity (in details) i. Drainage of flood water ii. Cleaning after flood water receded	1	5,000.00
Total	**28**	**94,500**

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school:

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

Give good quality 1-2 photograph(s)

9.9. Details of '*Sankalp Se Siddhi* 'Programme

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

9.10. Details of Swachhta Hi Sewa programme organized

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

9.11. Details of MahilaKisan Divas programme organized

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

Mahila Kisan Diwas celebration at KVK, Gopalganj

Mahila Kisan Diwas was celebrated at KVK, Gopalganj on 15th October, 2017. Women farmers involved in agriculture and allied activities from neighbouring villages of the KVK participated on the occasion.

At the outset, the women farmers were apprised of the various activities they are involved in agriculture viz. transplanting, weeding, feeding, cleaning of shed, milking of cattle. They can also involve themselves in various activities such as mushroom production, poultry etc. and generate income for their

family. In families where the male member has migrated to some other place for earning they have to play the role of decision-maker as well because they have to face day to day challenges at home.

Hence they should acquire knowledge of the various government schemes pertaining to agriculture and allied activities and get it done as well. For example the vaccination programme is done for cattle by the state government for Haemorrhagic septicaemia and Black Quarter and for Foot and Mouth Disease, for Brucellosis as well. In goats the vaccination for Pestes des petits ruminants (PPR) is performed by the state government. They should get their animals vaccinated because it is not just cattle or goat but a means of livelihood. It is earning on daily, monthly or occasion basis. Milk can be sold on daily or monthly basis, and goat or cattle can be sold as and when occasion arises.

Women farmers on Mahila Kisan

Women farmers demonstrated mushroom prod.

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	Shri Mrityunjay Kumar	S/o Kedarnath Prasad Village-Roopchap, Kuchaikote block, Gopalganj Mob. No.9939246426	Livestock (Goat)
2.	Shri Sanjay Singh	S/O Jagatnarayan Singh, Sallehpur village, Kuchaikote Mob. No. 9740478392	Livestock (cattle)
3	Shri Trimurti Kr. Patel	Village: Manjhagarh Jantoli, P.S +P.O.: Manjhagarh, Manjha Block, Gopalganj Mob. No. 91997755182/9931244413	Mushroom
4	Shri Ranapratap singh	Village: Sallehpur, Kuchaikote block, Gopalganj Mob. No. 7250012925	I.F.S
5.	Smt. Ahilya Kumari	Village- Maksoodpur, Manjhariya, Jadavpur, Gopalganj	Mushroom
6.	Shri Sunil Kr. Singh	Chairman, FPO, Pragati Agro Producer	Mushroom, Goat
7.	Shri Bhola Dubey	Village: Narayanpur, P.O.: Uchkagaon, Kuchaikote Block, Gopalganj Mob. No. 8282153487	Cereals, vegetables

9.13.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Brainstorming meet	8^{th}-9^{th} May, 2017	Dr. Ramakrishna Roy	P.C.	Dr. RPCAU, Pusa
Training cum Demonstration on soil testing kit	5^{th} July, 2017	Dr. Sunil Kumar Mandal	SMS (P.P.)	ICAR-RCER, Patna
Summer School	5^{th}-25^{th} August, 2017	Dr. Rajendra Prasad	SMS (Agronomy)	BAU, Sabour
Training on soil testing	3^{rd}-10^{th} January, 2018	Dr. Rajendra Prasad	SMS (Agronmomy)	Dr. RPCAU, Pusa
Training (HRD)	17-19^{th} January, 2018	Shri Ravikant Kumar Shri Pankaj Rai	Farm Manager Assistant	Dr. RPCAU, Pusa

Training on Automatic palnt disease detection	19th February, 2018	Dr. Mohd. SajidHussain and Shri Sanjay Kumar	SMS (Agronomy) SMS (P.P.)	ICAR-RCER, Patna
Training on Farm Management	6-10th March, 2018	Mr. Ravikant Kumar	Farm Manager	ICAR-IIFSR, Meerut
National conference of KVKs	16-17th March, 2018	Dr. Ramakrishna Roy	P.C.	IARI, Delhi

9.14. Revenue generation

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

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
	I.M.D.	Non-functional

9.17. Contingent crop planning

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

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

a) Year:
b) Introduction / General Information:

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

11. Details of TSP

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

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

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

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

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Abhinav Kisan Purashkar	Shri Manish Tiwari	2017	Dr. RPCAU, Pusa	Rs. 5000.00	

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

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

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

There are two Farmers Producers organization in the district viz. Anjali Farmers Producer organization and Pragati Agro Producer Company Limited. These FPOs have been formed by the NABARD, Gopalganj. The members of these FPOs were trained on "Hygienic milk production" and "Mushroom Production" at KVK, Gopalganj and Goat production at Karanpura village and other trainings. . Meeting with the Banks, line departments and FPOs were held, the offices of the FPO were inaugurated and they are growing up.

S.N.	Particulars	Details (as on 31/03/17)	Details (as on 30/09/17)
1.	Name of the FPO	Anjali Farmers Producer Company Limited, Kateya, Gopalganj	Pragati Agro Producer Company Limited, kuchaikote
	Geneses	Ramdulari Gramin Samajik Seva Sansthan	Chandrama Kalyan Kendra
2.	Nature of business	Agriculture and allied	Agriculture inputs and produce marketing
3.	Status of audit for 2016-17	yes	In process
4.	Total No. of members	73	210
5.	Total No. of shareholders	11	210
6.	Total share capital	5,00,000	2, 10,000
7.	Total turnover of business operation	Nil	12,52,000
8.	Total Profit	600	13,500
9.	Problems faced by FPO (if any)	Low capital base, lack market intervention skill, license	Insufficient capital base which restricts the company for low

		application for agri input business is yet to be issued by DAO, Gopalganj.	transaction. The company has approached SBI for CC limit of Rs. 10 lakhs to do its business activities freely which is under consideration.
10.	Success story	-	The company is playing a vital role in the supply of agriculture inputs to members at the IFFCO prescribed rates. It is like boon for the members. Entry of company in inputs business had discouraged private players in its area of operation for getting higher margin on fertilizer and seed.

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

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

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					
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. Any other programme organized by KVK, not covered above

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

Annexure-I
Action Taken Report

Following recommendations and action taken is as follows:

Recommendation	Action Taken
1. Seed Production of new varieties of Sugarcane at KVK.	Seed of sugarcane (COP 2061) is produced which can withstand water logged condition. Seed of new variety of sugarcane could not be procured.
2. On Farm Trial on whitefly be taken into FLD.	Has been taken into FLD.
3. Training on DSR to be given to farmers through trainings.	Is being conducted.
4. Training on Button mushroom to be imparted	Has been conducted.
5. Knowledge of zinc application to be imparted to farmers through training	Is being conducted
6. Training on prevention of diseases in poultry	Is a part of the course in poultry Production trainings and Biosecurity trainings both on and off campus.
7. On Farm trial on False smut disease in R. Bhagwati	Is being conducted
8. Updating of information about the activities of KVK in Web Portal	Is being done.

Dr. Ramakrishna Roy
Programme Co-ordinator
KVK, Sipaya, Gopalganj

Annexure-II

Proceeding of the Eighth Scientific Advisory Committee (SAC) meeting of KVK, Sipaya, Gopalganj

The Eighth Scientific Advisory Committee (SAC) meeting of KVK, Sipaya,Gopalganj was held on 22nd June, 2017 in the training hall of the KVK. It was chaired by Dr. K.M. Singh, Director Extension Education, Dr. RPCAU, Pusa. Dr. Brajesh Shahi Nodal officer, KVKs, Dr. RPCAU and Programme coordinator of KVK East Champaran, Dr. K.K. Jha, officials from line departments' viz. agriculture, animal husbandry, ATMA representative, Jeevika, NABARD, Banks, NGOs and progressive farmers of the district were present in the meeting.

The meeting was inaugurated by Dr. K.M. Singh, DEE, Dr. RPCAU, Dr. Brajesh Shahi, Nodal Officer KVKs, Dr. K.K. Jha, PC, East Champaran and farmers.

Dr. Ramakrishna Roy, Programme Co-ordinator made power point presentation of the Recommendations and Action Taken Report (ATR) of the seventh SAC and the SAC members made

After due deliberations the recommendations that emerged from the meeting are as follows:

1. Seed production of new varieties of sugarcane at KVK.
2. On Farm trial on white fly to be taken to FLD.
3. Training on DSR among farmers for its popularization.
4. Training on Button mushroom for farmers.
5. Training of farmers for ameliorating Zinc deficiency.
6. Training of farmers for prevention of diseases in poultry.
7. On Farm Trial on false smut disease in R. Bhagwati to be conducted.
8. Activities of KVK to be updated on KVK web portal.

At the conclusion of the meeting Dr. K.M. Sigh, DEE, Dr. RPCAU, Pusa invoked the KVK, Agriculture and allied departments, NGOs and SHGs of the district to combine their efforts with dedication and sincerity to achieve the objective of "Doubling Farmers' income".

Ramakrishna Roy
Programme Co-ordinator
KVK, Sipaya, Gopalganj

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