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KRISHI VIGYAN KENDRA
KHODAWANDPUR, BEGUSARAI – 848 202 (Bihar)

ANNUAL REPORT

APRIL 2018 to MARCH 2019

DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY
PUSA, SAMASTIPUR – 848 125 (BIHAR)



KRISHI VIGYAN KENDRA
KHODAWANDPUR, BEGUSARAI – 848 202 (Bihar)
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APRIL 2018 to MARCH 2019

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**Signature with seal of
Sr. Scientist & Head**

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

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK, Khodawandpur, Begusarai	Office	FAX	<u>kvk.beg@gmail.com</u> <u>Head.kvk.begusarai@rpcau.ac.in</u>

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

Address	Telephone		E mail
	Office	FAX	
Dr. Rajendra Prasad Central Agricultural University, Pusa Samastipur	06274- 240226	06274- 240255	<u>vcrau@gmail.com</u>

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

Name	Telephone / Contact		
Dr. Navnit Kumar	Residence	Mobile 9431873339	Email <u>kvk.beg@gmail.com</u> <u>Head.kvk.begusarai@rpcau.ac.in</u>

1.4. Year of sanction of KVK: August, 1992 vide letter number 3-2/92 KVK date 30.03.1992

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Senior Scientist & Head	Dr. Navnit Kumar	Senior Scientist & Head	Agronomy	15600-39100 AGP 6000, 87200	24.02.2019	Incharge	OBC
2	Subject Matter Specialist	Mr. Neeraj	SMS	Horiculture	15600-39100 AGP 6000, 73000	10-06-2009	Permanent	GEN
3	Subject Matter Specialist	Er. Vinita Kashyap	SMS	Farm Machinery & Power Engg.	15600-39100 AGP 5400, 56100	19.09.2018	Permanent	GEN
4	Subject Matter Specialist	Dr. Mukesh Kumar	SMS	Agriculture Extension/Agronomy	15600-39100 AGP 5400, 56100	11.03.2019	Permanent	SC
5	Subject Matter Specialist	Mr. Vivek Kumar Khare	SMS	Plant Pathology	15600-39100 AGP 5400, 56100	18.3.2019	Permanent	ST
6	Subject Matter Specialist	Vacant	SMS	Vetenary	-	-	-	-
7	Subject Matter Specialist	Vacant	SMS	Home Science	-	-	-	-
8	Programme Assistant	Anshuman Dwivedi	Lab technician	Soil Science	35400-112400 AGP. 4200, 35400	28.11.2017	Permanent	GEN
9	Computer Programmer	Tushar Kumar Pandey	Computer programmer	Computer Science	35400-112400 AGP. 4200, 35400	01.12.2017	Permanent	GEN
10	Farm Manager	Sneha	STA	Horticulture	35400-112400 AGP. 4200, 35400	11.12.2017	Permanent	GEN
11	Accountant Superintendent /	Amitesh Kumar Gaurav	Assistant	-	35400-112400 AGP. 4200, 35400	23.11.2017	Permanent	OBC
12	Stenographer	Chandrama Singh	Stenographer	-	5200-20200 AGP 2400, 7600	23.02.2018	Permanent	GEN
13.	Driver	Sri S.K.P. Singh	Driver	-	5200-20200 AGP 2800, 46800	08.03.2010	Permanent	GEN
14.	Driver	Dinesh Yadav	Tractor Driver	-	8684 (fixed)	-	Temporary	OBC
15.	Supporting staff	Sri Pawan Kumar	Peon	-	5200-20200 AGP 1800, 19100	21.08.15	Permanent	OBC
16.	Supporting staff	Md.Mumtaz Alam	Peon –cum- Messenger	-	5200-20200 AGP 2000, 11800	04.01.1993	Permanent	GEN

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	13.05.2009	540392,94	151910	Good but needs minor repairing

C) Lab equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
1. Stching machine	7.12.1985	1170/PC	7 (not in working condition.	
b. AV Aids				
i) Over head Projector	Transferred from DEE RAU, Pusa	10190.00	1 (Good)	
ii) Slide projector		75000.00	1 (Good)	
iii) Ahuja Portable teaching wireless PA amplifier	-----do-----		1 (Good)	
iv) Photocopier	2003 2004		Not functional	

D) Farm Machineries and implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
i) Tractor with accessories	10.08.1998	296300.00	Under repairing	
ii) Tractor (John Deere, 55 HP)	2019	6,26,743.84	Working condition	ICAR
iii) Tractor (TAFE 30DI Orchard Plus), Cultivator with accessories	2019	482076.60	Working condition	ICAR
iv) Thresher	2004	4600.00	Not functional	
v) Thresher	2005	23200.00	Not functional	
vi) Zero- tillage Machine	-	-	-	-
vii) Cultivator	-	-	-	-
viii) Disc harrow	-	-	-	-
ix) Reaper	-	-	-	-
x) MB plough	-	-	-	-
xi) Dal mill	-	-	-	-
xii) Diesel Pumpset machine	-	-	-	-
xiii) Maize sheller machine	-	-	-	-
xiv) Maize drier	-	-	-	-
xv) Rice Wheat Seeder	2018	9500	Working	KVK

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	04 June 2018		Proceeding attached		

2. District Statistics

2.1 District level data on agriculture, livestock and farming situation (2018-19)

Agro Ecological Sub Region (ICAR)	Eastern Plain, Hot Subhumid (Moist) Eco-sub Region (13.1)
Agro- Climatic Zone (Planning Commission)	Middle Gangetic Plain Region (IV)
Normal Annual Rainfall (mm)	1069
Normal Annual Rainy days	59
Land Use Pattern of the district	Area ('000 ha)
Geographical Area	187.8
Cultivable Area	159.5
Forest Area	2.4
Barren & Uncultivable Land	18.0
Major Soils	Area ('000 ha)
Sandy Soils	12.486
Coarse Sandy Loam Soils	33.516
Fine Sandy Loam Soils	65.484
Clayey Soils	37.141
Saline\ Calcareous soils	23.587
Agricultural land use	Area ('000 ha)
Net sown area	117.2
Area sown more than once	74.0
Gross cropped area	159.5
Cropping intensity %	137
Irrigation	Area ('000)
Net irrigated area	86.1
Gross irrigated area	91.1
Major Farming Situation	Upland, Medium Land & Low Land
Cropping System	Rice-Wheat, Maize –Wheat, Rice-Wheat- Green gram, Vegetable-Wheat, Rice-Rabi Maize, Maize-Rabi Maize, Rice-Pulses, Rice-Oilseeds, Rice-Vegetables, Rice-Potato & Soybean-Wheat,
Pulses	Pigeonpea, Lentil, Green gram (summer) & Gram
Oilseeds	Soybean, Mustard & Rai

Fruits Crops	Mango, Litchi, Guava & Papaya
Vegetables	Bitter gourd, Lady's Finger (Okra), Onion, Cucumber, Cabbage, Tomato, Cauliflower, Bottle gourd, Radish, Carrot, Sponge gourd, Chilli & Potato
Other Crops	Rice, Wheat, Maize, Rabi Maize & Sugarcane
Spice & condiments	Turmeric, Coriander, Fenugreek,

2.2 Details of operational area / villages (2018-19)

Sl No.	Name of Block	Name of villages	Major crops & enterprises	Major problems identified	Identified thrust area
1.	Khodawandpur	Chakwa	Wheat, Lentil, Rai, Moong, Vermicompost	Non availability of quality seeds of lentil,rai moong, depletion of organic matter in soil, lackof awareness about organic manures	Quality seed production, vermin compost production,green manuring
2.	Cheriyabariyarpur	Barkurba	Maize,Wheat,Moong,Ar har	Dependent on hybrid maize, unavailability of quality seeds of wheat, moong arhar, disease and insect pest problems	Availability of quality composit varieties of maize,IPM for moong and arhar
3.	Chhaurahi	Linga	Vegetables, Wheat, Lentil,Maize	Seedling blight and damping off diseases in vegetables , Fruit and Shoot borers in brinjal is a major problem, wilt disease in lentil and non grain formation in wheat	IPM, IDM and B application to correcting the non grain formation in wheat
4.	Begusarai	Mohanpur	Sugarcane,Maize, Papaya	Shoot and top borer in s/cane, stalk rot and stem borer in maize, stem rot & viral diseases of Papaya	IPM & IDM
5.	Cheriabaryarpur	Rampur	Depletion of organic matter, sugarcane, maize, wheat, lentil,Dairying	Wilt in lentil, zinc deficiency in s/cane and maize, stalk rot in maize,improved breed of animals, fodder production	Organic manure production, IPM and IDM, fodder production

2.3 Details of village adoption programme:

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

Name of village	Block	Action taken for development
Bishunpur	Balia	Introduced new improved varieties of Paddy (variety & SSP), DSR, Zero-tillage in wheat, pigeonpea, chickpea, wheat, lentil and rai through clustered demonstration and FLD. OFTs were also conducted in these villages. Training programmes and Field Days were organized in these villages for skill and knowledge development and create awareness among the farmers of latest technologies
Chakwa	Khodawandpur	
Niman	Begusarai	
Korjana	Cheriya Bariyarpur	
Linga	Chhaurahi	

2.4 Priority thrust areas

Sl. No.	Thrust area
1.	Productivity enhancement of major and important crops through INM, IPM, IDM, Integrated weed and water management with improved varieties of seeds
2.	Promotion of farm mechanization and Resource Conservation Technologies
3.	Sustainable development of agriculture through green manuring, bio-fertilizers, organic manure and compost quality improvement by waste decomposer
4.	Soil health management through soil testing and distribution soil health cards among farmers
5.	Promotion of cultivation of horticulture crops-fruits and vegetables
6.	Entrepreneurship skill development among the rural youth for self employment in order to attract and retain the rural youth agriculture and allied sectors
7.	Cultivation of off-time vegetables
8.	Assessment and refinement of Suitable and remunerative cropping system in concerned district among marginal farmers under climate change scenario
9.	Integrated farming system
10.	Popularizing Oilseeds and pulses among the farmers with recommended agronomical packages of practices for livelihood and nutritional security of households
11.	Use and self employment generation by adopting vermi-compost as viable enterprises

3. TECHNICAL ACHIEVEMENTS

3.1 Details of target and achievement of mandatory activities by KVK during 2018-19

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
06	05	48	40	40		35	36

Training

Extension activities

Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
7	7	175	200	7	7	350	378

Seed production (q)		Planting material (Nos.)	
Target	Achievement	Target	Achievement
	69	-	-

3.1 Achievements on technologies assessed and refined

On Farm Trial: 1

Discipline : Agronomy

Title : Assessment of agrochemicals for minimizing moisture stress in Wheat

Crop : Wheat

No. of Trials: 8

Treatment	Technology						
Farmers Practice	3 Irrigations						
T ₁	Two foliar application of salicylic acid @ 10 μ M/l of water + 2 irrigations						
T ₂	Two foliar application of thiourea @ 10mm/l of water + 2 irrigations						
T ₃	Two foliar application of Potassium nitrate @ 15g/l of water + 2 irrigations						
T ₄	Two foliar application of Micro nutrients complex @ 2g/l of water + 2 irrigations						
Treatments	Yield q/ha	No. of effective tillers/running meter	Result: Cost of cultivation	Gross return (Rs./ha)	Net Return (Rs/ha)	Test Weight (g)	B:C Ratio
Farmer's Practice (3 Irrigations)	42.53	344	31514	73790	42276	38.8	2.34
T ₁	47.26	396	29475	81996	52521	41.5	2.78
T ₂	51.65	412	30536	89613	59077	42.6	2.93
T ₃	46.96	375	29315	81476	52161	41.3	2.78
T ₄	45.12	381	29435	78283	48848	40.9	2.66

Results: Two foliar application of thiourea @ 10mm/l of water along with two irrigation in wheat were found significantly superior in respect to grain yield (kg/h), No. of effective tillers /running meters, test wt. (g) and economics (gross return and B:C ratio) as compared to rest experimental variables.

On Farm Trial: 2**Discipline: Agronomy****Title:** Assessment of different formulation of herbicides for broad spectrum control of weeds specially Motha (Cyperus spp.) in sugarcane**Crop:** Sugarcane**No. of Trials:** 10

Treatment	Technology					
T ₁	Halosulfuron methyl 75% wg @ 67.5 g a.i./ha					
T ₂	Halosulfuron methyl 75% wg @ 67.5 g a.i./ha + metribuzin 70%WP @ 750g a.i./ha					
T ₃	Metribuzin 70%WP @ 750g a.i./ha + 2,4D ethyl ester 38% @ 1.5 kg a.i./ha					
Treatments	Yield q/ha	Increase in yield	Result: Cost of cultivation	Gross return (Rs./ha)	Net Return (Rs/ha)	BC Ratio
Farmer's Practice Atrazine 50% WP @ 1 kg a.i./ha	988		88426	306280	217854	2.46
T ₁	1296		89455	401760	312305	3.49
T ₂	1425		90925	441750	350825	3.86
T ₃	1165		90114	361150	271036	3.01

Result: Broad spectrum control of weeds in sugarcane crops, application of weedicides namely halosulfuron methyl 75 % wg @ 67.5 a.i./ha + Metribuzin 70% wp@ 75g a.i./ha was found significantly superior in respect to yield (q/ha), Gross return (Rs.), Net return (Rs.) and B:C ratio as compared to other experimental variables including farmers' practice.

On Farm Trial 3:**Discipline :** Plant Pathology**Title :** Assessment of plant products and microbial formulation in the management of Brinjal fruit and shoot borer (*Lencinoides orbonalis*)**Crop:** Brinjal**No. of Trials :** 8

Treatment	Technology					
T ₁	Clipping +four foliar sprays of Oxymetrine 1.2EC @0.2 percent commencing after 30 DATat 15 days interval					
T ₂	Clipping +four foliar sprays of Spinosad 45 EC @225g a.i./ha commencing after 30 DAT at 15 days interval					
T ₃	Clipping + four foliar sprays of NSKE @ 5 percent commencing after 30 DAT at 15 days interval					
Treatments	Yield q/ha	Increase in yield	Result: Cost of cultivation	Gross return (Rs./ha)	Net Return (Rs/ha)	BC Ratio
Farmer's Practice	197.20		104450	295800	191350	2.83
T ₁	211.50		106050	317250	211200	2.99
T ₂	220.00		106650	330000	223350	3.09
T ₃	206.00		102800	309000	206200	3.00

Result: For effective and efficient management of Brinjal fruit and shoot borer (*Lencinoides orbonalis*) crop should be administered with clipping of infested shoots and fruits before sprays and fan foliar sprays of spinosad 45 EC @ 225 ai / ha commencing after 30 DAT at 15 days interval along with adopting all the recommended package of practices produced higher yield and maximize B:C ratio i.e. 220.00 q / ha and 3.09 respectively.

On Farm Trial 4:**Discipline :** Home Science**Title:** Assessment of Vit. C, Iron and protein rich diet on adolescent girl's**No. of Trials :** 8

Treatment	Technology	
T ₁	Farmers practice + drumstick dried leaves powder	
T ₂	T ₁ + Rice flakes laddu	
Treatments	Indicator data	
	Average Increase in hemoglobin level (in gram/100ml)	Average Increase in body weight (in kg)
Farmers Practice Ordinary home diet (OHD)	8.01	26.02
T ₁	9.9	30.15
T ₂	10.97	33.42

Results: It is found that drumstick dried leaves powder and rice flakes laddu performed better than control and dried leaves powder of drumstick.

On Farm Trial 4:**Discipline :** Home Science**Title:** Assessment of nutritional complimentary food on child health (6 months to 2 years)**No. of Trials :** 8

Treatment	Technology		
T ₁	Maize based complementary food		
T ₂	Ragi based complementary food		
Treatments	Mean Weight (In kg)		
	Before treatment	Intermediate (After 2 months)	After Treatment
Farmers Practice Inadequate dietary pattern, few intake of iron, vitamins	8.562	8.725	9.223
T ₁	8.483	9.803	11.257
T ₂	8.402	10.257	12.152

Result: It is found that Ragi based complimentary food performed better than control and maize based complementary food.

3.2 Achievements of Frontline Demonstrations

Details of FLDs conducted during 2018-19

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.	Paddy	ICM	DSR	5	5	1	9	10	
2.	Sugarcane based ICM Intercropping system	ICM	Sugarcane + Gram Intercropping system (a) Sugarcane (Main crop) (b) Gram (Intercrop)	10	10	2	13	15	
3.	Wheat	ICM	Zero-tillage	5	5	1	10	11	

3.3.Achievements of Cluster Frontline Demonstrations

Sl. No.	Crop	Name of Variety/Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Yield obtained (q/ha)		% Increase in yield
			Proposed	Actual	SC/ST	Others	Total	Demo	Check	
1.	Pigeon Pea	LRG-41 + R. Culture+ Line sowing	10.0	10.0	8	26	34	18.69	14.98	24.77
1.	Lentil	HULL-57+ Rhizobium culture+ Line sowing	20.0	20.0	15	53	68	18.94	16.83	12.54
2.	Chick Pea	GNG-1581 + Rhizobium culture+ Line sowing	10.0	10.0	11	45	56	16.32	13.42	21.61
3.	Rai	R. Suflum+ Sulpher+ Zero tillage	10.0	10.0	8	29	37	19.36	15.80	22.53

3.4 Economic Parameters

SI. No.	Name of Variety/Technology Demonstrated	Farmers 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.	ICPL-85063 + R. Culture+ Line sowing	30235	85011	54776	2.81	31115	106065	74950	3.40
2.	HUL-57+ Rhizobium culture + Line sowing	28950	75314	46364	2.60	29475	84756	55281	2.87
3.	GNG-1581 + Rhizobium culture+ Line sowing	29496	62000	32504	2.10	30206	75398	45192	2.49
4.	R. Suflum+ Sulpher+ Zero tillage	25200	55300	30100	2.19	30870	67760	36890	2.19

3.5 Details of farming situation

Crop	Season	Farming situation (RF/Irrigate)	Soil Type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P ₂ O ₅	K ₂ O					
Paddy	Kharif	Irrigated	Sandy loam	242	35	260	Wheat	July	November 1 st week		
Wheat	Rabi	Irrigated	Sandy loam	245	36	275	Paddy	1 st fortnight of November	1 st week of April		
Intercropping	Rabi	Irrigated	Sandy loam	240	35	270	paddy	2 nd fortnight of November	March last week (Rajmah) and sugarcane in field		

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.

3.6 Performance of FLD

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	B:C Ratio
					Demo	Check		
Paddy	ICM	DSR	10	5	46.30	42.40	9.2	2.12
Sugarcane based ICM Intercropping system	ICM	Sugarcane + Gram Intercropping system (a) Sugarcane (Main crop), Sugarcane is in Stationary condition (b) Gram (Intercrop)	11	5	16.40	14.50	13.10	2.30
Wheat	ICM	Zero-tillage	15	10	52.60	43.70	20.40	2.46
Total			36	20	115.3	100.6	42.7	6.88

* 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

3.7 Other crops

Crop	Variety/ technology demonstrated	Season (Kharif/Rabi)	Area (ha)	No. of Beneficiaries	Demo Yield (q/ha)			Yield of local Check	Increase in yield (%)	B:C Ratio
					H	L	A			

3.8 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.)				
					Demon- stration	Check		Demon- stration	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

3.9 Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

3.10 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

- Photographs of FLD/CFLD Programme



Sugarcane + gram intercropping system

3.13 Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1	Paddy (Zero tillage sown DSR)	Weed infestation is major problem but controlled by weedicides
3.	Wheat (Varietal + Zero Tillage)	Highest yielding variety i.e. HD-2967 along with zero-tillage and 1 st week of Novemebr sowing gave markedly higher yield
5.	Rai	Suitable for this locality, tolerance to rust and leaf blight, It matures in 120-125 days when sown early, it is also suitable for late sowing.
6.	Lentil	More suitable for this locality and tolerant wilt disease.
7.	Pigeon Pea	Wilt disease infection and infestation of pod borer was minimum. So this variety is suitable for this locality.
8.	Chick Pea	Tolerant to pod borer infestation.

3.14 Extension and Training activities under FLD

SL. No.	Activity	No. of activities organized	Number of participants	Remarks
1.	Field days	7	378	
2.	Farmers Training	6	177	
3.	Media coverage	3	Mass	
4.	Training for extension functionaries	1	23	

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				
Para vets														
Para extension workers														
Composite fish culture														
Freshwater prawn culture														
Shrimp farming														
Pearl culture														
Cold water fisheries														
Storage loss Minimization techniques	1	0	29	29	0	4	4	0	0	0	0	33	33	
Fry and fingerling rearing														
Small scale processing														
Post Harvest Technology														
Tailoring and Stitching	2	0	62	62	0	18	18	0	0	0	0	80	80	
Rural Crafts														
Fodder production														
TOTAL	13	141	205	346	36	68	104	0	0	0	177	273	450	

4.3. 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			
Weed Management	1	17	0	17	4	0	4	0	0	0	21	0	21
Value addition													
Integrated Pest Management	1	24	0	24	12	0	12	0	0	0	36	0	36
Integrated Nutrient management	1	23	4	27	6	2	8	0	0	0	29	6	35
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Integrated Crop Management	1	33	3	36	7	1	8	0	0	0	41	4	45
Capacity building for ICT application													
Farm Mechanization	1	15	1	16	4	0	4	0	0	0	19	1	20
WTO and IPR issues													
Management in farm animals	1	17	4	21	5	2	7	0	0	0	22	6	28
Livestock feed and fodder production	1	18	4	22	7	2	9	0	0	0	25	6	31
Household food security	1	21	4	25	4	2	6	0	0	0	25	6	31
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Bee keeping													
TOTAL	8	168	20	188	49	9	58	0	0	0	217	29	246

4.4. 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	52	11	63	15	6	21	0	0	0	67	17	84

Thematic Area	No. of Course s	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
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	22	3	25	9	2	11	0	0	0	31	5	36
Poultry Management	1	21	3	24	6	2	8	0	0	0	27	5	32
Piggery Management													
Goat Farming	1	11	6	17	6	4	10	0	0	0	17	10	27
Disease Management	3	81	7	88	15	5	20	0	0	0	96	12	108
Feed management	1	28	0	28	12	0	12	0	0	0	40	0	40
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	25	18	43	7	8	15	0	0	0	32	26	58
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	2	68	15	83	13	5	18	0	0	0	81	20	101
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	1	33	3	36	8	1	9	0	0	0	41	4	45

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Shrimp farming														
Pearl culture														
Cold water fisheries														
Fish harvest and processing technology														
Fry and fingerling rearing														
Small scale processing														
Post Harvest Technology														
Tailoring and Stitching														
Rural Crafts														
Others, if any														
TOTAL	2	21	21	42	5	8	13	0	0	0	26	29	55	

4.6.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			
Weed Management	1	36	9	45	9	4	13	0	0	0	45	13	58
Integrated Disease Management	1	26	0	26	9	0	9	0	0	0	35	0	35
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Poultry Production	1	16	4	20	6	2	8	0	0	0	22	6	28
House hold food security	1	20	4	24	5	4	9	0	0	0	25	8	33
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	1	16	2	18	6	1	7	0	0	0	22	3	25
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	5	114	19	133	35	11	46	0	0	0	149	30	179

4.7. Consolidated table (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				
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														
Integrated Farming Systems														
TOTAL														
XII. Others (Pl. Specify)														
TOTAL	69	1557	480	2037	379	178	557	0	0	0	1936	658	2594	

4.8. 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	42	28	70	13	6	19	0	0	0	55	34	89
Bee-keeping	3	36	42	78	10	21	31	0	0	0	46	63	109
Integrated farming													
Seed production	1	21	3	24	4	2	6	0	0	0	25	5	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Production of organic inputs	1	18	15	33	2	4	6	0	0	0	20	19	39
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	1	5	23	28	1	11	12	0	0	0	6	34	40
Dairying													
Sheep and goat rearing	2	40	5	45	11	4	15	0	0	0	51	9	60
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													
Storage loss minimization techniques	1	0	29	29	0	4	4	0	0	0	0	33	33
Small scale processing													
Income generation activities for empowerment of rural women	1	0	19	19	0	66	0	0	0	0	0	25	25
Tailoring and Stitching	2	0	62	62	0	18	18	0	0	0	0	80	80
Rural Crafts													
Enterprise development													
Fodder production													
TOTAL	15	162	226	388	41	74	115	0	0	0	203	300	503

4.9. Extension Personnel (On and Off Campus)

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 elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	The thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency				
							Male			Female			Total								
							Other	SC	ST	Other	SC	ST	Other	SC	ST	Total					
1.																					
2.																					
3.																					
4.																					

5. Production and supply of Technological products

5.1 Village seed

Sl.No	Crop	variety	Quantity of seed (q)	Value (Rs)	Provided to number of farmers

5.2 KVK farm

Sl. No.	Crop	Variety	Area (ha)	seed production (q)	Type of Seed
1.	Rice	R. Bhagwati	2	15	F/S
2.	Wheat	DBW-107	2	25	F/S
3.	Lentil	HUL-57	2	5.5	F/S
4.	Rai	R. Sufalam	3.5	20	T/L
5.	Arhar	Bahar	2	3.5	F/S

5.3 Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Provided to number of farmers
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				

5.4 Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers
	Kg		
Bio Fertilisers			
Bio-pesticide			
Bio-fungicide			
Bio Agents			
Others			
Total			

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. 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				
Others (Pl. specify)				
Grand Total				

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

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

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

7. Details of HRD programmes undergone by KVK personnel:

S. No.	Name of programme	Name of course	Name of KVK and personnel designation	Date and Duration	Organized by

8. Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

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

10. 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)

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

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

Sl. No	Name of the Equipment	Qty.
1.	Mrida Parikshak Kit	1 set

11.b. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Sample analysis	25 collected			6250
Soil Sample analysis				
Total				6250

11.c 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

12. Technology week celebration

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

13. RAWE programme - is KVK involved?

No of student/ARS trained	No of days stayed

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

Date	Name and Designation	Purpose of visit
24 February, 2019	Hon'ble MP of Begusarai Dr. Bhola Singh, Ex. MLA Sri Anil Kumar	Kishan Samman Nidhi Yojana

15. IMPACT

15.1 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

15.2 Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

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

15.4 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	

15.5 Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Intervention of KVK with quantitative data support:	
Time line 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.	NADEP								
5.									
6.									
7.									
	Total								

16.4 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	

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

Sl. No.	Name of the Product	Qty (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermi compost	2200		650	Rest of vermicompost has been used at farm

16.4 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.							

16.6 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)

16.7 Utilization of staff quarters

Whether staff quarters has been completed: No

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

17. FINANCIAL PERFORMANCE**17.1 Details of KVK Bank accounts**

Bank account	Name of the bank	Location	Account Number
Main Account	UCO Bank	Khodawandpur	09990100004023
Revolving Account	UCO Bank	Khodawandpur	09990100003877

17.2 Utilization of fund under CFLD Programme on Pulses

Sl. No.	Pulse Crop	Sanction	Actual amount released	Remittance	Total release (Rs.)	Expenditure	Closing balance
01.	Arhar	90,000.00	(O.B. as on 01.04.2018 Rs.) 38,364.00	38,364.00	3,37,500.00	22,720.00	1,87,072.00
02.	Lentil	2,70,000.00				57,728.00	
03.	Chickpea	0				69,980.00	
04.	Green Gram	90,000.00	+ 3,37,500.00			Nil	
Total		4,35,000.00	3,75,864.00	38,364.00	3,37,500.00	1,50,428.00	1,87,072.00

17.3 Utilization of fund under CFLD Oilseeds (2018-19)

Sl. No.	Oilseed Crop	Sanction	Actual amount released	Remittance	Total release (Rs.)	Expenditure	Closing balance
01.	Rapeseed & Mustard	1,10,000.00	(O.B. as on 01.04.2018 Rs.) 2,93,460.00	1,83,460.00	1,10,000.00	4,048.00	1,05,952.00
Total		1,10,000.00	2,93,460.00	1,83,460.00	1,10,000.00	4,048.00	1,05,952.00

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

S. No	Particulars	Allocation for the year	Fund received	Expenditure incurred
A. Recurring Contingencies				
1	Pay & Allowances	10600000.00	10400000.00 including O.B. Rs. 259658.00	10518025.00
2	Traveling allowances	100000.00		186786.00
3	Contingencies			
a	Stationary, telephone, postage, and other expenditure on office running, publication of newsletter			856293.00 including remittance Rs. 2,81,614.00
b	POL, repair of vehicles, tractor and equipment	400000.00		
c	Training of Farmers			
d	Training materials (Need based materials and equipments for conducting trainings)			
e	Training of extension functionaries			
f	Training of rural youth	250000.00		189476.00
g	Frontline demonstration	50000.00		12990.00
h	On farm testing	75000.00		7000.00
i	Maintenance of building	50000.00		27906.00
j	TSP contingencies	-		-
k	Soil and water testing lab	-	1281614.00	-
l	Extension activities/ Exhibition	45000.00	Including O.B. On 01.04.2018 (Rs. 531,614.00)	-
m	Minister visit	250000.00		183137.00
n	HRD	30000.00		
TOTAL (A)		11850000.00	11681614.00	11981613.00
B. Non-Recurring Contingencies				
Equipment & Furniture				
	a) Capital	350000.00	350000.00	
	b)			
Works				
Vehicle				
TOTAL (B)		350000.00		
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		12200000.00	12031614.00	11981613.00

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2015-16	1846257.08	501004	631574	1715687.08
2016-17	1715687.08	506616	531520	1690783.08
2017-18	1690783.08	224182	690970	1223995.08
2018-19	1223995.08	1657083	717235	2163843.08

17.6 Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	Both

18. Other information**18.1. Prevalent diseases in Livestock/Crops/Fishery**

Name of the disease	Crop/animal	Date of outbreak	Number of death/ commodity loss	Number of animals vaccinated

18.2. Nehru Yuva Kendra (NYK) Training

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

18.3. PPV & FR Sensitization training Programme

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

18.4 Information in uploading KVK Portal by KVKs during 2017-18

Sr. No.	Name of item/ events/ component	Uploading status (Yes/No)	No. uploaded	Remarks, if any
1	KVK Profile	Yes		
2	Employee details	Yes		
3	Post	Yes		
4	Finance	No		

5	Soil Health Card	No		
6	Appliance	No		
7	Crops	Yes		
8	Resources	No		
9	Fish	No		
10	Past events	No		
11	Future/ upcoming events	No		
12	Facilities available at KVKs	No		
13	Package and practices			
14	Crop	No		
15	Livestock	No		
16	Fishery	No		
17	Horticulture	No		
18	CFLD on Pulses			
19	2018-19	Yes		
20	CFLD Oilseeds			
21	2018-19	Yes		

18.5 Observation of Swachhta Bharat Programme

Date of Observation	Activities undertaken

18.6 Observation of National Science day

Date of Observation	Activities undertaken

18.7. Programme with Seema Suraksha Bal (BSF)

Title of Programme	Date	No. of participants

18.8 Agriculture Knowledge in rural school:

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

18.9. Details of Pradhan Mantri Fasal Bima Yojana programme organized

Name of the state	Name of district/ KVK	Date on which conducted	Number of participants		Name of public representative	Details of awareness created and other programmes organized
			Farmers	Others		

18.10. 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

18.11. Report on Citizens' Client Charter (attending the requests seeking guidance on agricultural technology and technology products)

Sl. No.	Services/ Transaction	Process	Service Standard	No. of such services attended by KVKs and ATICs during the year	No. of such services pending with KVK/ATIC beyond 30 days
1.	Guidance on Agricultural technology and technology products	Personal contact by the Service Sectors with the responsible person of KVK/ATIC			

18.12. Community Radio Station

Date of establishment:

Amount of fund received year wise :

Source of fund:

Achievements:

Sr. no	Community Radio Stations (CRS)	No of programmes in the year	Total broadcast hrs in a month	Please specify details of the broadcasts
A.	<p>Agricultural broadcasts</p> <ul style="list-style-type: none"> • Talks/interviews/discussions with experts, PG students/ and farmers on Agricultural technologies • Agro-climatic conditions, weather and marketing advisory • Phone-in programme of interface with experts • Phone-in programme with interface of progressive/innovative farmers • Success stories of progressive farmers • Success stories in FLD/OFT/ Trainings /Extension activities • Women in agriculture programme • Discussions on current issues in agriculture and allied sectors. • KVK happenings • Agricultural University professors. 			
B.	<ul style="list-style-type: none"> • Any other(please specify) 			

Physical achievements under TSP during 2016-17

Programmes	Physical achievements 2018-19
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)	
Others (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

20. PROGRESS REPORT OF NICRA KVK (Technology Demonstration component) 2016-17
(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

Information on NFDB Funded Capacity building programme during 2018-19

Sl. No.	Name of capacity building training programme	Duration (days)	Date of programme	Fund (Rs.) sanctioned by NFDB, Hyderabad	No. of Farmers Trained	Remarks, if any
1						
2						
Total						

National Initiative on Fodder Technology Demonstration (NIFTD)

(Applicable for KVKs identified under NIFTD)

Name of the fodder crop	Date of sowing	Area (ha)	No. of farmers involved	Demonstration Yield (q/ha)			Check Yield			% increase
				H	L	A	H	L	A	

Economic of Demonstration

Name of the fodder crop	Demonstration Cost/Rs/ha			Check Cost (Rs/ha)		
	Gross cost	Gross return	BC ratio	Gross cost	Gross return	BC ratio

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

21. Any significant achievement of the KVK with facts and figures as well as quality photograph
22. List of 5000 farmers with mobile number and Aadhar card number (only soft copy to be enclosed)
23. Number of commodity based organizations/ farmers' cooperative society formed during last one year (Details of the group/society may be indicated)
24. Any other programme organized by KVK not covered above

वैज्ञानिक सलाहकार समिति की सोलहवीं बैठक की कार्यवाही

कृषि विज्ञान केन्द्र, खोदावन्दपुर, बेगूसराय की वैज्ञानिक सलाहकार समिति की सोलहवीं बैठक दिनांक 04 जून, 2018 को केन्द्र के प्रशिक्षण कक्ष में आयोजित की गई। इसकी अध्यक्षता डॉ० के० एम० सिंह, निदेशक प्रसार शिक्षा, डॉ० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा, समस्तीपुर, बिहार द्वारा की गई। बैठक में निम्नलिखित सदस्यों ने भाग लिया :

1. डा. के० एम० सिंह
निदेशक प्रसार शिक्षा
2. डा. ब्रजेश शाही
कृषि विज्ञान केन्द्रों के नोडल पदाधिकारी
3. डा. एस० बी० सिंह
प्रभारी-सह-प्रधान वैज्ञानिक
क्षेत्रीय मक्का अनुसंधान एवं बीज उत्पादन केन्द्र, बेगूसराय
4. श्री शैलेन्द्र कुमार ओझा
परियोजना निदेशक, आत्मा, बेगूसराय
5. डा. ए० के० श्रीवास्तव
प्रबंधक, एन० एस० सी०, समस्तीपुर
6. डा. आर० एन० सिंह
प्रबंधक, इफको, बेगूसराय
7. डा. राजीव रंजन
टी० भी० ओ०, गढ़पुरा
प्रतिनिधि, जिला पशुपालन पदाधिकारी, बेगूसराय
8. श्री कुमार अम्बुज
सहायक प्रबंधक (चारा विकास), बरौनी डेयरी
प्रतिनिधि, प्रबंध निदेशक, बरौनी डेयरी, बेगूसराय
9. श्री मनोज कुमार
कर्नाटका एग्री केमिकल्स
10. श्री हरिकेश कुमार सिंह
कर्नाटका एग्री केमिकल्स
11. श्री अनुराग कुमार
सीसा-सीमित, पटना
12. श्री राम रतन कुमार
सीसा-सीमित, बेगूसराय
13. श्री मोहन कुमार
सहायक तकनीकी प्रबंधक, खोदावन्दपुर
14. श्री नवनीत रंजन
कोरजाना, चेरिया बरियारपुर
सदस्य (बृहत् किसान, सामान्य वर्ग)
15. श्री रजनीकांत महतो
मटिहानी, छौड़ाही
सदस्य (लघु किसान, अन्य पिछड़ा वर्ग)
16. श्रीमती सुनीता देवी, छौड़ाही
महिला सदस्य (किसान, अन्य पिछड़ा वर्ग)
17. श्रीमती वीणा देवी, सागी, खोदावन्दपुर
महिला सदस्य (लघु किसान, अनुसूचित जाति)
18. डा. राजीव कुमार श्रीवास्तव
प्रभारी कार्यक्रम समन्वयक

अध्यक्ष

प्रभारी सदस्य सचिव

C. B. S.
25/8/18

Mala Karmari
25/08/2018

सर्वप्रथम डॉ० राजीव कुमार श्रीवास्तव, विषय वस्तु विशेषज्ञ (सस्य), कृषि विज्ञान केन्द्र, खोदावन्दपुर, बेगूसराय ने इस कार्यक्रम के माननीय अध्यक्ष डॉ० के० एम० सिंह, निदेशक प्रसार शिक्षा, डॉ० ब्रजेश शाही, नोडल पदाधिकारी, कृ० वि० के०, डॉ० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा, समस्तीपुर, समिति के माननीय सदस्यगणों एवं अन्य प्रतिभागियों का स्वागत किया। कार्यक्रम का विधिवत उद्घाटन डॉ० के० एम० सिंह०, निदेशक प्रसार शिक्षा, नोडल पदाधिकारी एवं अन्य प्रतिभागियों द्वारा दीप प्रज्ज्वलित कर किया गया। डॉ० राजीव कुमार श्रीवास्तव ने विगत पन्द्रहवीं बैठक में लिए गये निर्णयों पर केन्द्र द्वारा की गई कार्यवाही संबंधी प्रतिवेदन प्रस्तुत किया जिसे समिति द्वारा अनुमोदित किया गया। तत्परचात केन्द्र द्वारा की गयी विगत वैज्ञानिक सलाहकार समिति की बैठक से आजतक (जून, 2017 से मई, 2018 तक) का प्रगति प्रतिवेदन एवं अगले छः माह का प्रस्तावित कार्यक्रम प्रस्तुत किया गया। जिस पर समिति के माननीय सदस्यों द्वारा गहन विचार-विमर्श कर निम्नलिखित सुझाव दिये गये :

1. केन्द्र द्वारा संपादित कार्यों को प्रति दिन पोर्टल पर डालने का सुझाव दिया गया।
2. दाल मील को किसानों के बीच अधिक से अधिक प्रशिक्षण के माध्यम से प्रचारित किया जाए।
3. केन्द्र के दोनों फार्म (खोदावन्दपुर एवं बसही) से संबंधित समस्याओं एवं आवश्यक संसाधनों के विकास हेतु केन्द्र से ATARI के लिए BE में शामिल किया जाय।
4. किसान सलाहकार का प्रशिक्षण पूर्ण किया जाय, संपादित कराने की जवाबदेही कार्यक्रम समन्वयक बेगूसराय को दी जाती है।
5. दोनों फार्मों के समतलीकरण का कार्य विश्वविद्यालय की मदद से विषय वस्तु विशेषज्ञ (सस्य) को दी जाती है।
6. बेगूसराय के प्रमुख बागवानी फसलों में लगने वाले प्रमुख कीट एवं रोगों की सूची तैयार किया जाय आवश्यकतानुसार विश्वविद्यालय से सहयोग ले सकते हैं।
7. ऑन फार्म ट्रायल में सांख्यिकी विश्लेषण एवं लाभ लागत अनुपात (B:C ratio) संबंधी आंकड़ा संलग्न रहना चाहिए।
8. ऑन फार्म ट्रायल में समेकित कीट व्याधि प्रबंधन की प्राथमिकता दी जाय।
9. अग्रिम पंक्ति प्रत्यक्षण में प्रभेद प्रत्यक्षण के ऊपर कृषि तकनीकों का प्रत्यक्षण किया जाना चाहिए।
10. प्रक्षेत्र दिवस में अधिक से अधिक किसानों एवं प्रसार कार्यकर्त्ताओं की भागीदारी सुनिश्चित की जाय।
11. प्रत्येक अग्रिम पंक्ति प्रत्यक्षण एवं ऑन फार्म ट्रायल के लिए प्रक्षेत्र दिवस का आयोजन किया जाना चाहिए।
12. क्षेत्र विशेष अनुरूप सोयाबीन संबंधित ऑन फार्म ट्रायल किया जाय एवं जानकारी अधिक से अधिक किसानों तक पहुँचाया जाय।
13. प्रत्येक विषय वस्तु विशेषज्ञ साल में एक सफलता की कहानी अच्छे (JPG) फोटोग्राफ के साथ तैयार कर निदेशालय प्रसार शिक्षा को भेजेंगे।

कृषि विज्ञान केन्द्रों के नोडल पदाधिकारी ने अपने सम्बोधन में कृषि विज्ञान केन्द्र के वैज्ञानिकों को सलाह दी कि अपने प्रसार कार्यक्रमों को किसान एवं क्षेत्र विशेष के आवश्यकतानुसार बनायें एवं फलाफलों को अधिक से अधिक किसानों में प्रचारित करें।

अपने समापन सम्बोधन में निदेशक प्रसार शिक्षा, डॉ० रा० प्र० के० कृ० वि०, पूसा, समस्तीपुर ने कहा कि बेरोजगार युवक एवं युवतियों के लिए रोजगारन्मुख कौशल संवर्द्धन कार्यक्रम पर विशेष ध्यान दिया जाय जिससे ग्रामीण युवक एवं युवतियों में अधिक से अधिक रोजगार सृजन हो सके। कृषि रासायनिक दवाओं के दूरगामी दुष्प्रभाव एवं उससे होने वाले प्रदूषण को कम करने के लिए किसानों के खेतों पर होने वाले तकनीकों का आकलन एवं सुधार संबंधी अनुसंधान कार्यक्रमों में ऐसे तकनीकी विकल्पों का समावेश किया जाए जिससे कृषि रासायनिक दवाओं पर किसानों की निर्भरता कम हो।

अंत में डॉ० सी० बी० सिंह, विषय वस्तु विशेषज्ञ (दुग्ध प्रौद्योगिकी) ने बैठक में आये सदस्यगणों को धन्यवाद ज्ञापित किया एवं अध्यक्ष महोदय के आदेश से बैठक की कार्यवाही का समापन किया गया।

अनुमोदनार्थ प्रेषित

(Signature)

निदेशक प्रसार शिक्षा

डा० रा० प्र० के० कृ० वि०,

पूसा, समस्तीपुर

(Signature)
16/08

(Signature)

16.08.18

कार्यक्रम समन्वयक

कृ० वि० के०,

खोदावन्दपुर, बेगूसराय