

PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2018-March-2019)**APR SUMMARY**

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	23	460	-	460
Rural youths	02	19	01	20
Extension functionaries	09	90	-	90
Sponsored Training	01	50	-	50
Vocational Training	02	19	01	20
Total	37	638	02	640

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	-	-	-
Pulses	-	-	-
Cereals	20	8.0	-
Vegetables	-	-	-
Other crops	10	4.0	-
Hybrid crops			-
Total	30	12.0	-
Livestock & Fisheries			-
Other enterprises			-
Total			-
Grand Total	30	12.0	-

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	02	09	09
Livestock			
Various enterprises			
Total	02	09	09
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	02	09	09

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	309	11943
Other extension activities	25	25
Total	334	11968

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Sambhal	Text only							
	Voice only							
	Voice & Text both							
	Total Messages							
	Total farmers Benefitted							

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q) for commercial prod.	153.34	401889.00
Planting material (No.)		
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil		
Water		
Plant		
Total		-

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	01
2	Conferences	01
3	Meetings	
4	Trainings for KVK officials	01
5	Visits of KVK officials	02
6	Book published	
7	Training Manual	
8	Book chapters	
9	Research papers	03
10	Lead papers	
11	Seminar papers	
12	Extension folder	02
13	Proceedings	01
14	Award & recognition	01
15	On going research projects	

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra	Office	FAX	
Sambhal (U.P.) - 202412	-	-	Sambhalkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Director of Extension	-	-	Sambhalkvk@gmail.com
S.V.P.U. Agri. & Tech., Meerut (U.P.) - 250110			

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. R.K.Singh	-	9412809032	Sambhalkvk@gmail.com

1.4. Year of sanction: 2017

1.5. Staff Position (as on 31th March 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Mobile No.	Age	Email id
1	Sr. Scientist & Head	Dr. R.K. Singh	Professor & Head. (Additional Charge)	Agricultural Extension	37400-67400	57490 + 10000	14-10-2010	Permanent	9412809032	54	sambhalkvk@gmail.com
2	Subject Matter Specialist	Dr. Mahavir Singh	SMS/Asstt.Prof	Agronomy	15600-39100	25980 + 7000	21-06-2008	Permanent	9457826151	45	mahavir_singh1234@rediffmail.com
3	Subject Matter Specialist	Dr. Arvind Kumar	SMS/ Asst. Prof.	Plant Protection	15600-39100	25980 + 7000	23-06-2008	Permanent	9412170753	49	harvindk2000@gmail.com
4.	Subject Matter	Vacant	Vacant					Vacant	Vacant		
5.	Specialist	Vacant	Vacant					Vacant	Vacant		
6.	Subject Matter	Vacant	Vacant					Vacant	Vacant		
7.	Programme Assistant	Vacant	Vacant					Vacant	Vacant		

8.	Programme Assistant	Vacant	Vacant					Vacant	Vacant		
9.	Computer Programmer	Vacant	Vacant					Vacant	Vacant		
10.	Farm Manager	Dr. Devendra pal Singh	Farm Manager	Agronomy	9300-34800	50500	31-07-2008	Permanent	941106296	45	941106296dr@gmail.com
11.	Accountant / Superintendent	Sri. Sanjay Kumar Sharma	OS/ Accountant (Additional Charge)	Accounts	9300-34800	64100	18-09-2000	Permanent	9412650468	45	sksharmakvk@gmail.com
12.	Stenographer		Vacant					Vacant	Vacant		
13.	Driver	Vacant	Vacant					Vacant	Vacant		
14.	Driver	Vacant	Vacant					Vacant	Vacant		
15.	Supporting staff	Vacant	Vacant					Vacant	Vacant		
16.	Supporting staff	Vacant	Vacant					Vacant	Vacant		

1.6. Total land with KVK (in ha) : 12.0 ha

S. No.	Item	Area (ha)
1	Under Buildings, ,Road, Channels and boundary etc.	-
2.	Under Demonstration Units	-
3.	Under Crops	12.0
4.	Orchard/Agro-forestry	-
5.	Others (specify)	-

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.) Lac	Starting date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building *	ICAR	-	-	-	-	-	-
2.	Farmers Hostel	ICAR	-	-	-	-	-	-
3.	Staff Quarters (6)	ICAR	-	-	-	-	-	-
4.	Demonstration Units (2)	ICAR	-	-	-	-	-	-
5	Fencing	ICAR	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	ICAR	-	-	-	-	-	-
8	Farm godown	ICAR	-	-	-	-	-	-
9	Irrigation Channel	ICAR	-	-	-	-	-	-

*Note – Rs. 31.0 Lakh Transfer to construction agency for Administarive building.

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.) Lac	Total kms. Run	Present status
Tractor	-	-	-	-
Bolero Jeep	-	-	-	-
Motor cycle	-	-	-	-

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
L.C.D. Projector	-	-	-
U.P.S.	-	-	-
Solar (Lalten)	-	-	-
Electric Padestral Fan	-	-	-
Padestral Fan	-	-	-
11 cultivator	-	-	-
14 Tawa Harrow	-	-	-
Leveller	-	-	-
Nepsake Spray (Plastic)	-	-	-
Foot Sprayer	-	-	-

Disk Bund Farmer	-	-	-
Seed Drill	-	-	-
Hand Rotary Fan	-	-	-
Trailer for Tractor	-	-	-
Hand Voini Fan	-	-	-
S.D. Memory cord of LCD with Recorder	-	-	-
Solar domestic ligh (Model IV)	-	-	-

1.8. A). Details SAC meeting* conducted in the year

वैज्ञानिक सलाहकार समिति द्वारा दिये गये सुझावों का विवरण –

Sl.No	Date	Name and Designation of participants	Silent Recommendations	Action taken
1	20 February 2019	डा० गोपाल सिंह सयुक्त निदेशक प्रसार	1. फसल अवशेष प्रबन्धन पर प्रशिक्षण आयोजित किये जाये। 2. प्रत्येक विषय का प्रस्तुतिकरण अलग-अलग किये जाये।	डा० महावीर सिंह सस्य वैज्ञानिक समस्त वैज्ञानिक
		डा० सत्यप्रकाश प्राध्यापक (उद्यान विज्ञान)	1. कृषि विविधिकरण पर प्रशिक्षण आयोजित कराये जायें। 2. जिन ग्रामों में प्रशिक्षण आयोजित कराये जाये वहाँ एक-दो कृषकों को प्रगतिशील कृषक के रूप में विकसित किय जाये।	समस्त वैज्ञानिक समस्त वैज्ञानिक
		डा० डी के सिंह प्राध्यापक (पशुपालन)	1. पशुपालन विभाग के साथ मिलकर पशुस्वास्थ्य शिवरों में भागीदारी करें।	समस्त वैज्ञानिक
		डा० के जी यादव वरिष्ठ वैज्ञानिक (शस्य विज्ञान)	1. जनपद के फसल चक्रों में दलहनी फसलों का समावेश करने हेतु प्रशिक्षण आयोजित किये जायें।	डा० महावीर सिंह सस्य वैज्ञानिक
		श्री अनिल दत्त दुवे (सम्मानित सदस्य वैज्ञानिक सलाहकार समिति)	1-जैविक खेती से सम्बन्धित कृषकों को प्रशिक्षण दिये जायें।	डा० महावीर सिंह सस्य वैज्ञानिक
		श्री सोमपाल सिंह (सम्मानित सदस्य वैज्ञानिक सलाहकार समिति)	1- वैज्ञानिकों द्वारा कृषकों के प्रक्षेत्रों पर जाकर समस्या का समाधान किया जाये।	समस्त वैज्ञानिक

2.0 DETAILS OF DISTRICT (2018-19)

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

S.N.	Farming system/enterprise
1.	Major crops – Paddy/Maize/Bajara, Wheat, Mustard, Sugarcane, Mentha, Lentil,
2.	Potato.
3.	Crop rotation – Rice- Wheat, Rice-Sugarcane, , Urd-Mustard-Mentha,
4.	Bajra-Mustard-Mentha, Urd-Wheat
5.	Agriculture + Hort. + Livestock
	Agri. + Livestock
	Landless + Livestock

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No.	AES	Characteristics of A.E.S.	Major commodities	Farming system	Block
1	I- Mid western plain zone of the district	-Sandy,Sandy Loam with medium fertility - medium rainfall	wheat, mentha, sugarcane, chilli, cauliflower, tomato, cabbage, guava, buffalo, cows,Goat.	wheat+Mentha sugarcane,Urd-Wheat, A.H. (Cow, buffalo, Goat.)	,Pawasa, Gunour, Junawai, Rajpura
2	II. Mid western plain zone of the district	-Sandy loam to loam, clay loam soil of medium fertility - medium rainfall	Rice, wheat, mentha, sugarcane, mustard as well as vegetables (pea, cucumber, , tomato, potato) and mango fruit, buffalo, cows	Paddy, wheat, potato, sugarcane, mentha, mustard based systems + horticulture + A.H.	Baniyakhera, Bahjoi, Sambhal,Asmoli

2.3 Soil type/S

S.No.	Soil type	Area (ha)
1	Clay loam	64571.00
2	Sandy soil	125478.00
3	Sandy loam	45871.00
4	Loam	12000.00
	Total	247920.00

2.4 Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (MT)	Productivity (Qtl /ha)
A	FIELD CROPS INCLUDING OIL SEEDS AND PULSES			
1.	Wheat	136437	476574	34.93
2.	Lentil	832	667.00	8.01
3.	Mustard /Torla	11839	8065	10.20
4.	Paddy (Rice)	37703	97462	26.85
5.	Bajra	2519	3799	15.08
6.	Urd	10952	9473	7.64
7.	Sugarcane	2146	25932	64.1
B	VEGETABLES			
1.	Potato	14500	3625000	250.00
2.	Onion	107	21400	200.00
3.	Cauliflower	3023	997900	330.00
4.	Tomato	515	231750	450.00
5.	Bottle guard	242	55660	230.00
C.	Fruits			
1.	Mango	3110	653100	210.00
	Guava	2375	665000	280.00

2.5 Weather data (rainfall in mm.) Dist. Sambhal

S. No.	Month	2018-19
1	Jan	31.46
2	Feb	11.15
3	March	46.38
4	April	18.70
5	May	14.65
6	June	98.78
7	July	277.50
8	Aug	155.70
9	Sept.	52.73
10	Oct.	24.00
11	Nov.	0
12	Dec.	0
	Total rainfall	731.05

2.6 Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	58591	Data not available	Data not available
<i>Indigenous</i>	112360		
Buffalo	578606		
Sheep			
<i>Crossbred</i>	3656		
<i>Indigenous</i>			
Goats	127239		
Pigs	10108		
Rabbits	-		
Poultry	116205		
Hens	-		
<i>Desi</i>	-		
<i>Improved</i>	-		
Ducks	-		
Turkey and others	-		
Fish	536 Ponds	446.64ha	42.0

2.7 Details of operation area/villages (2018-19)

S. No.	Taluk/Village	Name of block	Major crops & enterprises	Major problem identified	Identified thrust area
1	Gumthal	Baniyakher a	Paddy, Wheat, Urd Mentha, Mustard, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture Lack of knowledge of high yielding varieties, and Plant protection measures .
2	Paltha Mithanpur	Baniyakher a	Paddy, Wheat, Sugarcane Mentha, Mustard, Urd, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties, nutrient mgt. and Plant protection measures .
3	Akroli	Baniyakhera	Paddy, Wheat, Sugarcane Mentha, Mustard, Urd, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties, nutrient mgt. and Plant protection measures .
4.	Nawabpura	Baniyakhera	Paddy, Wheat, Sugarcane Mentha, Mustard, Urd, Dairy	Low yield of paddy, wheat, mustard, urd, Lentil, Potato etc.	Diversification & Lack knowledge of high yielding varieties, and balance use of fertilizers, Insect and pest management.

2.8 Priority thrust areas

S.N.	Crop/ Enterprise	Thrust area
1.	Rice/Wheat	HYV,IPNM,IWM,IPM
2.	Potato	IPNM,HYV
3.	Pulses	Enhancing the area under Kharif & Rabi pulses,IWM,HYV,IPM
4.	Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.HYV,IPM

2.9 Intervention/ Programmes for the doubling the farmers income – during 2018-19

Demonstrations

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent Yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Intercropping System(Zaid)							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income (Rs/ha)	B.C: Ratio	Remark if any
Intercropping System(Zaid)							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Relay Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mixed Farming System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mixed Farming System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Note- Same format may be used for OFT.

3.0 TECHNICAL ACHIEVEMENTS

3.A. Details of targeted mandatory activities by KVK during 2018-19

OFT (Technology assessment & refinement)				FLD (other crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha.		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
03	02	15	9	12.0	12.0	55	30

CFLD (Oilseeds,Pulses,)			
3			
Area in ha.		Number of Farmers	
Targets	Achievement	Targets	Achievement
-	-	-	-

	Training (including sponsored, vocational trainings)				Extension Activities			
	4				5			
	Number of Courses		Number of Participants		Number of activities		Number of participants	
Clientele	T	A	T	A	T	A	T	A
Farmers	23	23	460	460	200	330	1248	11853
Rural youth	03	02	30	20				
Ext. Functionaries	11	09	110	90				
Sponsered traing	01	01	50	50				

Seed Production (q.)			Planting material (Nos.)		
6			7		
Target	Achievement (For commercial Prod.)	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
-	153.34	401889.00	-	-	-

I.A TECHNOLOGY ASSESSMENT

A. Summary of technologies assessed under various **CROPS** by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of Farmers
Integrated Nutrient Management				
Varietal Evaluation				
Integrated Pest Management	Paddy	Management of Stem borer in paddy	01	05
	S.cane	Control of early shoot borer in s.cane	01	04
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			02	09

B. Summary of technologies assessed under **LIVESTOCK** by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

C. Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

Note: Suppose **IPM in paddy** is the technology assessed by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with $50 \times 5 = 250$ trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.B. TECHNOLOGY REFINEMENT

A. Summary of technologies refined under various CROPS by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation				
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total				

B. Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

C. Summary of technologies refined under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

Note: Suppose **IPM in paddy** is the technology refined by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with $50 \times 5 = 250$ trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

OFT - 1

PEST AND DISEASE MANAGEMENT (Kharif – 2018)

Problem definition Low yield of paddy due to infestation of **Stem borer**.

Technology assessed or refined To test the efficacy of insecticides against stemborer in paddy crop.

No. of Farmers 05

KVK Sambhal conducted on-farm trial to Control of Stem borer in paddy by the use of Chlorantraniliprole 0.4G @ 10Kg/ha. gave 12% higher yield over farmers practice (Fipronil 0.3 G @ 20 Kg/ha.). The insect infestation showed 1.5 times more in farmers practice as compared to Chlorantraniliprole 0.4G treated plots.

Table: Effect of Chlorantraniliprole 0.4G in control of Stem borer in paddy

Technology Option	No.of trials	Incidence of Stem borer (%)	Yield (q/ha)	% Increase in yield over farmer's practice
T ₁ - Use of Fipronil 0.3G @ 20 Kg/ha. (Farmers practice)	05	12%	37.50	-
T ₂ - Use of Chlorantraniliprole 0.4G @ 10Kg/ha. in soil		8%	42.0	12.00

Recommendation The data showed in table shows that T₂ (**Chlorantraniliprole 0.4G @ 10Kg/ha. used** in the soil in presence of approximate 3 inches of standing water after 30-35 days of transplanting, gave maxi. yield 42.0q./ha. This treatment was more effective to minimize and control the stem borer as compared to T₁ (**Fipronil 0.3G @ 20 Kg/ha.**).

Farmers reactions Application of **Chlorantraniliprole 0.4G @ 10Kg/ha.** is highly effective to control stem borer.

Date of transplanting & harvesting 15-18 July 2018 & 16-20 Oct. 2018

OFT -2

PEST AND DISEASE MANAGEMENT (Zaid - 2018)

Problem definition Low yield of sugar cane due to infestation of early shoot borer.

Technology assessed or refined To test the efficacy of insecticide against early shoot borer in sugar cane.

No. of Farmers 04

KVK Sambhal conducted on-farm trial to Control of early shoot borer in sugar cane.

Table: Effect of chlorantraniliprole 18.5 SC in control of early shoot borer in sugar cane.

Technology Option	No.of trials	Infestation of early shoot borer (%)	Yield (q/ha)	% Increase in yield over farmer's practice	B:C Ratio
T ₁ – use of chloropyriphos 20 EC @ 3.0 lit/ha. (farmers practice)	04	Result awaited			
T ₂ - Use of chlorantraniliprole 18.5 SC @ 375 ml/ha.					

Recommendation

Farmers reactions

Date of planting & harvesting 03-07 March 2019

Front Line Demonstration on other than oil seeds & pulses

A. Follow-up results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2018-19 and recommended for large scale adoption in the district.

S. N.	Crop/ Enterprise	Thematic area	Technology Demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha.
1							

3.1 Front Line Demonstration on other than oil seeds & pulses

FLD - 1

Plant Protection : Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	IDM	Control of blast disease through Hexaconazole 4% + Zineb 68% (Two spray) 1 kg/ha.	Kharif 2018	4.0	4.0	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2018	Irrigated	Loam	Low	Medium	Medium	Wheat	10-13 July. 2018	01-04 Nov. 2018	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Paddy	IDM	Control of blast disease through Hexaconazole 4% + Zineb 68% (Two spray)	BH-21	10	4.0	62.5	58.5	60.5	53.85	12.35	39598	105875	66277	1:2.67	38280	94238	55958	1:2.46

a. Technical feedback

S.No	Feed Back
1	First spray of Hexaconazole 4% + Zineb 68% should be done at the first occurrence of disease symptoms on leaf and after that second spray of Hexaconazole 4% + Zineb 68% should be done after 12-15 days intervals of first spray is very effective to control of blast disease in paddy.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Two spray of Hexaconazole 4% + Zineb 68% is very effective to control blast disease in paddy.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Field Days	01	27	
2	Media coverage	01	Mass	

FLD No. : 2

Plant Protection : Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	IDM	Control of Brown plant hopper in paddy through Buprofezin 25 SC (Two Spray) @ 0.8 lit/ha.	Kharif 2018	4.0	4.0	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2018	Irrigated	Loam	Low	Low	Medium	Wheat	09-14 July. 2018	01-04 Nov. 2018	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q/ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
rd	IPM	Control of Brown plant hopper in paddy through Buprofezin 25 SC (Two Spray) @ 0.8 lit/ha.	BH - 21	10	4.0	63.0	59.25	61.12	53.62	13.99	38989	106960	67971	1:2.74	38600	93835	55235	1:2.43

a. Technical feedback

S.No	Feed Back
1	First spray of Buprofezin 25 SC at the beginning of insect infestation and second spray of Buprofezin 25 SC after 10 to 12 days of first spray is very effective to control of Brown plant hoppers..

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Two spray of Buprofezin 25 SC is very effective to control Brown plant hopper in paddy.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Field Days	01	25	
2	Media coverage	01	Mass	

FLD No. : 3

Plant Protection : Mentha

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Mentha	IPM	Control of leaf eating caterpillars through Emamectin Benzoate 5SG @ 250gm/ha. (Two spray)	Zaid 2019	4.0	4.0	01	09	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Mentha	Zaid 2019	Irrigated	Loam & Sandy loam	Low	Medium	Medium	Potato	010-12 Feb 2019	-	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Kg./ha			Yield of local Check Kg./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Mentha	IPM	Control of leaf eating caterpillars through Emamectin Benzoate 5SG @ 250gm/ha. (Two spray)	Kosi	10	4.0	Result awaited												

III. (A) Achievements on Training (April 2018 to March 2019) Brief Achievement of Training

Discipline	No. of courses	Others			SC/ST			G.Total
		Male	Female	Total	Male	Female	Total	
Practicing Farmers & Farm Women								
Off Campus								
Crop Production	4	66	-	66	14	-	14	80
Horticulture	-	-	-	-	-	-	-	-
Agro Forestry	-	-	-	-	-	-	-	-
Animal Sciene	7	126	-	126	14	-	14	140
Plant protection	12	209	-	209	31	-	31	240
Plant Breeding	-	-	-	-	-	-	-	-
Agri. Ext.	-	-	-	-	-	-	-	-
Total	23	401		401	59	-	59	460

Rural Youth								
Crop Production	-	-	-	-	-	-	-	-
Horticulture	-	-	-	-	-	-	-	-
Agro Forestry	-	-	-	-	-	-	-	-
Soil Science	-	-	-	-	-	-	-	-
Plant Protection	02	19	01	20	-	-	-	20
Plant Breeding	-	-	-	-	-	-	-	-
Total	02	19	01	20	-	-	-	20

Extension functionaries								
Crop Production	-	-	-	-	-	-	-	-
Horticulture	-	-	-	-	-	-	-	-
Agro Forestry	-	-	-	-	-	-	-	-
Animal Science	2	16	-	16	04	-	04	20
Plant protection	07	67	-	67	03	-	03	70
Plant Breeding	-	-	-	-	-	-	-	-
Agri. Ext.	-	-	-	-	-	-	-	-
Total	09	83	-	83	07	-	07	90

III. (B) Training programme
Farmers' Training including sponsored training programme
A) On Campus)

Thematic Area	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
A) Farmers & Farm Women										
I. Crop production										
- Weed management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-
Cropping system	-	-	-	-	-	-	-	-	-	-
Micro irrigation/irrigation	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
Others (Plant Breeding)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
II. Horticulture										
(a) Vegetable crops										
Nursery raising	-	-	-	-	-	-	-	-	-	-
Others - - Production technology	-	-	-	-	-	-	-	-	-	-
Total (a)	-	-	-	-	-	-	-	-	-	-
(b) Fruits										
- Cultivation of fruits	-	-	-	-	-	-	-	-	-	-
Training & Pruning	-	-	-	-	-	-	-	-	-	-
Total (b)	-	-	-	-	-	-	-	-	-	-
(c) Ornamental plants										
Total (c)										
(e) Tuber Crops										
Total (e)										

(f) Spices										
Total (f)	-	-	-	-	-	-	-	-	-	-
(g) Medicinal & Aeromatic plants										
- Production & Management Tech.	-	-	-	-	-	-	-	-	-	-
- Cultivation of fruits	-	-	-	-	-	-	-	-	-	-
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management										
Soil Fertility Management	-	-	-	-	-	-	-	-	-	-
INM	-	-	-	-	-	-	-	-	-	-
Production & use of organic inputs	-	-	-	-	-	-	-	-	-	-
Micro-nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Balance use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil & Water testing	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management										
- Dairy Management	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
VII. Plant Protection										
- IPM	-	-	-	-	-	-	-	-	-	-
- IDM	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
XI. Agro forestry										
- Production technology	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL										

B) Off Campus

Thematic Area	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
A) Farmers & Farm Women										
I. Crop production										
- Weed management	01	16	-	16	04	-	04	20	-	20
Cropping System	01	17	-	17	03	-	03	20		20
Integrated Crop Management	01	17	-	17	03	-	03	20	-	20
Integrated nutrient management	01	16	-	16	04	-	04	20	-	20
Others (Plant Breeding)	-	-	--	-	-	-	-	-	-	-
Total	4	66	-	66	14	-	14	80		80
II. Horticulture										
(a) Vegetable crops										
Others (Production technique)	-	-	--	-	-	-	-	-	-	-
Total (a)	-	-	--	-	-	-	-	-	-	-
(b) Fruits										
-Cultivation of fruits	-	-	--	-	-	-	-	-	-	-
Total (b)	-	-	--	-	-	-	-	-	-	-
(c) Ornamental plants										
Total (c)										
(e) Tuber Crops										
- Production & Management Tech.	-	-	--	-	-	-	-	-	-	-
Total (e)	-	-	--	-	-	-	-	-	-	-
(f) Spices										
- Production & Management Tech.	-	-	--	-	-	-	-	-	-	-
Total (f)	-	-	--	-	-	-	-	-	-	-

(g) Medicinal & Aeromatic plants	-	-	--	-	-	-	-	-	-	-
- Production & Management Tech.	-	-	--	-	-	-	-	-	-	-
- Cultivation of fruits	-	-	--	-	-	-	-	-	-	-
Total (g)	-	-	--	-	-	-	-	-	-	-
Total (a-g)	-	-	--	-	-	-	-	-	-	-
III. Soil Health and Fertility Management										
Soil Fertility Management	-	-	-	-	-	-	-	-	-	-
INM	-	-	--	-	-	-	-	-	-	-
Production & use of organic inputs	-	-	--	-	-	-	-	-	-	-
Micro-nutrient deficiency in crops	-	-	--	-	-	-	-	-	-	-
Balance use of fertilizers	-	-	--	-	-	-	-	-	-	-
Soil & Water testing	-	-	--	-	-	-	-	-	-	-
Total	-	-	--	-	-	-	-	-	-	-
IV. Livestock Production and Management										
- Dairy Management	2	36	-	36	4	-	4	40	-	40
- Animal Nutrition management	2	36	-	36	4	-	4	40	-	40
- Disease Management	1	17	-	17	3	-	3	20	-	20
- Feed & fodder technology	2	37	-	37	3	-	3	40	-	40
Total	07	126	-	126	14	-	14	140	-	140
VII. Plant Protection										
- IPM	07	120	-	120	20	-	20	140	-	140
- IDM	05	89	-	89	11	-	11	100	-	100
Total	12	209	-	209	31	-	31	240	-	240
XI. Agro forestry										
- Production technology	-	-	--	-	-	-	-	-	-	-
Total	-	-	--	-	-	-	-	-	-	-
GRAND TOTAL	23	401	-	401	59	-	59	460	-	460

C. On + Off Campus

Thematic Area	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
A) Farmers & Farm Women										
I. Crop production										
- Weed management	01	16	-	16	04	-	04	20	-	20
Resource Conservation Technology	-	-	--	-	-	-	-	-	-	-
Cropping system	01	17	-	17	03	-	03	20		20
Micro irrigation/ irrigation	-	-	--	-	-	-	-	-	-	-
Nursery management	-	-	--	-	-	-	-	-	-	-
Integrated Crop Management	01	17	-	17	03	-	03	20	-	20
Integrated nutrient management	01	16	-	16	04	-	04	20	-	20
Others (Plant Breeding)	-	-	--	-	-	-	-	-	-	-
Total	04	66	-	66	14	-	14	80	-	80
II. Horticulture										
(a) Vegetable crops										
Nursery raising	-	-	--	-	-	-	-	-	-	-
- Others Production technology	-	-	--	-	-	-	-	-	-	-
Total (a)	-	-	--	-	-	-	-	-	-	-
(b) Fruits										
Training & Pruning	-	-	--	-	-	-	-	-	-	-
Cultivation of fruits	-	-	--	-	-	-	-	-	-	-
Total (b)	-	-	--	-	-	-	-	-	-	-
(c) Ornamental plants										
Total (c)										
(e) Tuber Crops										
- Prod. & Manag. Tech.	-	-	--	-	-	-	-	-	-	-
Total (e)	-	-	--	-	-	-	-	-	-	-

(f) Spices										
- Production & Management Tech.										
Total (f)										
(g) Medicinal & Aeromatic plants										
- Production & Management Tech.	-	-	--	-	-	-	-	-	-	-
- Cultivation of fruits	-	-	--	-	-	-	-	-	-	-
Total (g)	-	-	--	-	-	-	-	-	-	-
Total (a-g)	-	-	--	-	-	-	-	-	-	-
III. Soil Health and Fertility Management										
Soil Fertility Management	-	-	-	-	-	-	-	-	-	-
INM	-	-	--	-	-	-	-	-	-	-
Production & use of organic inputs	-	-	--	-	-	-	-	-	-	-
Micro-nutrient deficiency in crops	-	-	--	-	-	-	-	-	-	-
Total	-	-	--	-	-	-	-	-	-	-
IV. Livestock Production and Management										
- Dairy Management	2	36	-	36	4	-	4	40	-	40
- Animal Nutrition management	2	36	-	36	4	-	4	40	-	40
- Disease Management	1	17	-	17	3	-	3	20	-	20
- Feed & fodder technology	2	37	-	37	3	-	3	40	-	40
Total	07	126	-	126	14	-	14	140	-	140
VII. Plant Protection										
- IPM	07	120	-	120	20	-	20	140	-	140
- IDM	05	89	-	89	11	-	11	100	-	100
Total	12	209	-	209	31	-	31	240	-	240
XI. Agro forestry										
- Production technology	-	-	--	-	-	-	-	-	-	-
Total	23	401	-	401	59	-	59	460	-	460
GRAND TOTAL	23	401	--	401	59	-	59	460	-	460

D. RURAL YOUTH / VOCATIONAL TRAINING (ON CAMPUS)

Area of training	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
Production of organic inputs										
Vermi composting	-	-	-	-	-	-	-	-	-	-
Press mud composting	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Bee Keeping	-	-	-	-	-	-	-	-	-	-
Seed Production (Rice)	-	-	-	-	-	-	-	-	-	-
Seed Production (Rice & wheat)	-	-	-	-	-	-	-	-	-	-
Grand Total	-	-	-	-	-	-	-	-	-	-

E. RURAL YOUTH / VOCATIONAL TRAINING (OFF CAMPUS)

Area of training	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Vermi composting										
Press mud composting										
Mushroom production										
Bee Keeping	02	19	01	20	-	-	-	19	01	20
Seed Production (Rice)										
Dairying										
Sheep and goat rearing										
Poultry production										
Grand Total	02	19	01	20	-	-	-	19	01	20

F. RURAL YOUTH / VOCATIONAL TRAINING (ON + OFF CAMPUS)

Area of training	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
Production of organic inputs	-	-	--	-	-	-	-	-	-	-
Vermi composting										
Press mud composting										
Mushroom production										
Bee Keeping	02	19	01	20	-	-	-	19	01	20
Seed Production (Rice)	-	-	--	-	-	-	-	-	-	-
Seed Production (Rice & wheat)	-	-	--	-	-	-	-	-	-	-
Planting Material Production (Medicinal & Aromatic plants)	-	-	-	-	-	-	-	-	-	-
Commercial spices production										
Commercial Fruit Production & Nursery	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Grand Total	02	19	01	20	-	-	-	19	01	20

G. EXTENSION PERSONNEL (OFF CAMPUS)

Area of training	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
INM	-	-	-	-	-	-	-	-	-	-
Production & use of organic inputs	-	-	-	-	-	-	-	-	-	-
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated pests management	07	67	-	67	3	-	3	70	-	70
Productivity enhancement of Horticultural crops	-	-	-	-	-	-	-	-	-	-
Productivity enhancement of Agro-forestry	-	-	-	-	-	-	-	-	-	-
Disease Management of farm animals	-	-	-	-	-	-	-	-	-	-
Production enhancement of medicinal & aeromatic crop	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	2	16	-	16	4	-	4	20	-	40
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (Seed Production)	-	-	-	-	-	-	-	-	-	-
Grand Total	09	83	-	83	07	-	07	90	-	90

F. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and Management										
Increasing production and Productivity of crops										
Commercial production of vegetables & Fruits										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management Vermi composting										
Production of inputs at site										
Methods of protective cultivation										
Others										
Press mud composting										
F.T.T (07-09 march. 2019)	01	50	-	50	-	-	-	50	-	50
Total	01	50	-	50	-	-	-	50	-	50
Post harvest technology and value addition										
Processing and value addition										
Others (Pl. specify)										
Total										
Farm machinery										
Farm machinery,tools and implements										
Others (Pl. specify)										
Total										
Livestock and fisheries										
Livestock production and management Goat rearing										
Animal Nutrition management										
Animal disease management										
Fisheries nutrition										
Fisheries management										

Others(pl. specify) Poultry farming										
Total										
Home science										
Household nutritional security										
Economic empowerment										
Drudgery reduction of women										
Others (Pl. specify)										
Total										
Agricultural Extension										
Capacity Building and group dynamics										
Others (Pl. specify)										
Total										
Grand Total	01	50	-	50	-	-	-	50	-	50

Name of sponsoring agencies involved – F.T.T. programme funded by U.P. Govt.

G. Details of vocational training programmes carried out by KVKs for rural youth

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture	-	-	-	-	-	-	-	-	-	-
Commercial fruit production (Papaya & banana)	-	-	-	-	-	-	-	-	-	-
Commercial spices production										
Integrated crop management	-	-	-	-	-	-	-	-	-	-
Organic farming										
Total										
Post harvest technology and value addition										
Value addition	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Total										
Livestock and fisheries										
Dairy farming	-	-	-	-	-	-	-	-	-	-
Composite fish culture										
Goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										

Income generation activities										
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Vermicomposting	-	-	-	-	-	-	-	-	-	-
Prees mud composting	-	-	-	-	-	-	-	-	-	-
Production of bio-agents, bio-pesticides, bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Seed production (Rice & Wheat)	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Nursery (Planting material production).	-	-	-	-	-	-	-	-	-	-
Nursery (Planting material production). of Agroforestry trees	-	-	-	-	-	-	-	-	-	-
Tailoring, stitching, embroidery, dying etc.	-	-	-	-	-	-	-	-	-	-
Agril. para-workers, para-vet training	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)										
Bee-keeping										
Total										
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify)										
Total										
Grand Total										

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	-	-	-	-
Diagnostic visits	-	-	-	-
Field Day	02	52	-	52
Group discussions	-	-	-	-
Kisan Ghosthi	02	87	4	91
Film Show	01	51	-	51
Self -help groups	-	-	-	-
Kisan Mela	-	-	-	-
Exhibition	-	-	-	-
Scientists' visit to farmers field	109	507	-	507
Ex-trainees Sammelan				
Farmers' seminar/workshop				
Method Demonstrations				
Celebration of important days	01	36	-	36
Special day celebration				
Exposure visits				
Others (pl. specify)				
Visit of farmers & farmer group to KVK	131	232	-	232
Sankalp Se Siddhi				
Parthenium eradication campaign				
Lecture delivered in other Dept. prog.	63	10930	44	10974
Total	309	11895	48	11943

A. Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	-
News paper coverage	22
Popular articles	-
Radio Talks	-
TV Talks	-
Animal health amps (Number of animals treated)	-
Others (pl. specify) Research Paper	03
Total	25

B. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Lives tock	Weather	Marke-ting	Aware-ness	Other enterp rise	
Moradabad	Text only							
	Voice only							
	Voice & Text both							
	Total Messages							
	Total farmers Benefitted							

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
--	---------------------	-------------------	------------------------	-----------------------------------

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Total						
G.Total						

Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						

Others (Commercial Production)						
Kharif 2018	Urd	PU- 31		10.38	45153	Auctioned
Rabi 2018-19	Mustard	Kranti		60.96	204216	Auctioned
Rabi 2018-19	Wheat	PBW - 292		82.0	152520	Auctioned
Grand Total				153.34	401889	

A. Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest species						
					-	-
Others						
Total						

B. Production of Bio-Products

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

C. 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)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil				
Water				
Plant				
Manure				
Others (pl. specify)				
Total				

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Krishi Vigyan Kendra, Sambhal (20 Feb.. 2019)	01

IX. NEWSLETTER

Name of KVK	Number of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	03
Technical bulletins	-
Technical reports	06
Others (pl. specify) Article & Leaflets	02
Toatl	11

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
NA				

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTROM/COLD WAVES ETC

A. Introduction of alternate crops/varieties - NA

Crops/cultivars	Area (ha)	Number of beneficiaries

B. Major area coverage under alternate crops/varieties - NA

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Commercial crop		
Total		

C. Farmers-scientists interaction on livestock management - NA

Livestock components	Number of interactions	No.of participants
Total		

D. Animal health camps organised -NA

Number of camps	No.of animals	No.of farmers
Total		

E. Seed distribution in drought hit states - NA

Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total			

F. Large scale adoption of resource conservation technologies - NA

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total		

G. Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
S.V.P.U. Agri. & Tech., Meerut	Capacity building of extension scientist	01	01	01
Total		01	01	01

B. HRD activities organized in identified areas for KVK staff by Zonal Project Directorate

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Training cum workshop for Soil Science & Agronomy scientist			
Training cum workshop for Soil Science scientist			
Training cum workshop for Horticulture scientist			
Training cum workshop for Plant protection scientist			
Training cum workshop for Agri. Ext. scientist			
Review meeting of various programmes implemented by KVKs of U.P			
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- a) Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise*
- b) Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise*
- c) Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product*

The general format for preparing the above case studies are furnished below

Name of the KVK

A. TITLE

B. Introduction

KVK intervention

Output

Outcome

Impact

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

S. No	Name of the ATIC	Name of the Host Institute	Name of the ATIC Manager
1			

B. Details on Farmer's visit

S. No	Purpose of visit	Number of farmer's visited
01	Technology Information	-
02	Technology Products	-
03	Others if any pl. specify	-

C. Facilities in the ATIC which are in operation

S. No	Particulars	Availability (Please \checkmark mark)	Number of ATICs
01	Reception counter	-	-
02	Exhibition / technology museum	-	-
03	Touch screen Kiosk	-	-
04	Cafeteria	-	-
05	Sales counter	-	-
06	Farmer's feedback register	-	-
07	Others if any (please specify)	-	-

D. Technology information provide

D.1. Details on technology information

S. No	Information category	Number of ATICs	Total number of farmers benefitted	Category of information						
				Varieties / hybrids	Pest management	Disease management	Agro-techniques	Soil and water conservation	Post Harvest technology and Value addition	Animal Husbandry and fisheries
01	Kisan Call Centre / other Phone calls from farmers									
02	Video shows									
03	Letters received									
04	Letters replied									
05	Training to farmers / technocrats / students									
06	Other specify									
	Advisory services through mobile									

D.2 . Publications (Print & Electronic media)

S. No	Particulars	Number sold	Revenue generated in Rs.	Number of farmers benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			
07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

S. No	Particulars	Quantity	Unit of quantity	Value in Rs.	Number of farmers benefited
01	Seeds				
02	Planting materials				
03	Livestock				
04	Poultry birds				
05	Bio-products	-			
06	Others pl. specify				

F. Technology services provided

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	
02	Plant diagnostics	
03	Details about the services to line Departments	
04	Others if any (please specify)	

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

S. No	Name of the SAU	Name of the Director of Extension	Number of KVKs for which technological backstopping is provided					
			SAU/CAU	DU	ICAR	NGO	SDA	Others (pl. specify)

B. Workshops / meetings organized

S. No.	Details of workshop/meeting conducted	No. of KVKs participated

C. Visits made by DE / Officials in the Directorate to KVKs

S. No.	Particulars	Number of visits
01	SAC meetings	01
02	Field days	-
03	Workshops / seminars	-
04	Technology week	-
05	Training programmes	-
06	Others pl. specify - Visit of Hon'ble VC sir & D.E.	03

D. Overseeing of KVKs activities

S. No.	Particulars	Number of fields visited	Major observations / remarks	Major suggestions given
01	On Farm Trials			-
02	Front Line Demonstration			
03	Others pl. specify	KVK Farm	Appreciated	

E. Publication on Technology inventory

S. No.	Particulars	Number
01	Directorates published the technological inventory	
02	Directorates constantly updating the technological inventory	

F. Technological Products provided to KVKs

S. No.	Major technologies provided	Number of KVKs
01	Seeds	
02	Planting materials	
03	Bio-products	
04	Livestock breed	
05	Livestock products	
06	Poultry breed	
07	Poultry products	
08	Others pl. specify	

STATUS OF REVOLVING FUND

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 31st March 2019 of each year
2018-19	282602.00	249369.00	282602.00	249369.00

Note – Wheat production 82.0 q @ Rs. 1860/- = Rs. 152520.00

Net balance on 09.05.2019 Rs. 401889.00

KRISHI VIGYAN KENDRA, SAMBHAL
Financial Year, 2018-19

(in Rupees)

S.No.	Item	Sanctioned grant (Council's share)	Grant received (Council's share)	Expenditure (Council's share)	Variation		Reason for variation
					(+)	(-)	
					Savings	Excess	
A	Recurring items						
1	Pay & Allowances	2000000.00	2000000.00	1551698.00	448302.00	0.00	
2	Travelling Allowances	70000.00	70000.00	69885.00	115.00	0.00	
3	HRD	50000.00	50000.00	0.00	50000.00	0.00	
4	Contingencies	0.00	0.00	0.00	0.00	0.00	
a	Stationery, Telephone, postage and other expenditure on office running including printing of reports, including minor repair and white washing of Buildings, including expenditure incurred for Krishi Unnatimela, etc.	180000.00	180000.00	121767.00	58233.00	0.00	
b	P.O.L, Repair of Vehicles, Tractor and Equipment	25000.00	25000.00	3768.00	21232.00	0.00	
c	Vocational Training	0.00	0.00	0.00	0.00		
	(i) Meals /refreshment for trainees (ceiling upto Rs. 150.00/ day/trainee for the training programmes of residential nature and Rs. 40.00/day/trainee for the training programmes of non-residential nature)	30000.00	30000.00	21450.00	8550.00	0.00	
	(ii) Training material (Posters, charts, demonstrations material including chemicals etc. required for conducting the Training)	15000.00	15000.00	0.00	15000.00	0.00	
d	Front line demonstration excluding Oilseeds and Pulses	45000.00	45000.00	17998.00	27002.00	0.00	
e	On Farm Trial (On need based , location specific and newly generated information in the major production systems of area)	25000.00	25000.00	5688.00	19312.00	0.00	
f	Training of extension functionaries (ceiling upto Rs. 150.00/ day/trainee for the training programmes of residential nature and Rs. 40.00/day/trainee for the training programmes of non-residential nature)	25000.00	25000.00	400.00	24600.00	0.00	
g	Library (Purchase of Journal, News Paper & Magazines)	5000.00	5000.00	0.00	5000.00	0.00	
h	Farmers' Fair	0.00	0.00	0.00	0.00	0.00	
i	Misc. Expenditure	0.00	0.00	0.00	0.00	0.00	
	Total (A)	2470000.00	2470000.00	1792654.00	677346.00	0.00	
B	Non-Recurring items						
a	Equipments	0.00	0.00	0.00	0.00	0.00	
b	Works	0.00	0.00	0.00	0.00	0.00	
c	Library	0.00	0.00	0.00	0.00	0.00	
d	Vehicle	800000.00	800000.00	0.00	800000.00	0.00	
	Total (B)	800000.00	800000.00	0.00	800000.00	0.00	
C	Revolving fund	300000.00	300000.00	282602.00	17398.00	0.00	
D	TSP	0	0	0	0	0	
a	General Contingency	0	0	0	0	0	
b	Capital	0	0	0	0	0	
	Total (D)	0	0	0	0	0	
E	SC SP	0	0	0	0	0	
a	General Contingency	0	0	0	0	0	
b	Capital	3100000	3100000.00	3100000	0	0	
	Total (E)	3100000	3100000	3100000	0	0	
	Grand Total (A+B+C+D+E)	6670000.00	6670000.00	5175256.00	1494744.00	0.00	

संजय कुमार शर्मा
कार्यालय अधीक्षक / लेखाकार

डा राम करण सिंह
प्रोफेसर एवं हेड
कृषि विज्ञान केन्द्र, बिलारी मुसदाबाद/सम्भल

Details of Training Programme

(ii) OFF Campus training for Practicing Farmers and Farm Women

Subject	Title	Date	Clientele	Duration in days	Venue off/ on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
Ist Quarter											

Animal Science	i.H.S. disease: Its symptom and preventive measures.	11.5.18	PF	1	Gumthal	18	-	18	2	-	2
	ii.Urea treatment of wheat straw for improving nutritive digestive value	26.6.18	PF	1	Bhidpur	20	-	20	-	-	-

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IInd Quarter											
Animal Science	Use and importance of mineral mixture	28 July 18	PF	1	Nehata	20	-	20	-	-	-
	Use and importance of mineral mixture	28 Aug. 18	PF	1	Mazawali	20	-	20	-	-	-
	Symptom of heat and time of insemination in milch animal.	26 Sept. 18	PF	1	Paltha	19	-	19	1	-	1
Plant protection	i. Management of termite in <i>khari</i> crops.	14 July. 18	PF	1	Akroli	20	-	20	-	-	-
	ii. Disease control in urd crop.	20 July 18	PF	1	Nawabpura	17	-	17	3	-	3
	iii.Integrated insect management in paddy	16.08.18	PF	1	Rasulpur	11	-	11	9	-	9
	vi.Management of hairy caterpillar in urd .	24 Aug. 18	PF	1	Kaili						
					Naglapurva	18	-	18	2	-	2
	v. Integrated disease management in paddy	18.Sept.18	PF	1	Kaithal	17	-	17	3	-	3

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IIIrd Quarter											
Animal Science	i. Importance of green fodder in animal feed.	17.Oct.18	PF	1	Nagla	20	-	20	-	-	-
	ii F.M.D.: Its symptoms and preventive measures.	13Nov. 18	PF	1	Sartal	13	-	13	7	-	7
Plant protection	i. Integrated pest management technique in mustard crop.	16 Nov. 18	PF	1	Pura	16	-	16	4	-	4
	ii. Integrated insect management in lentil crops control in potato	20 Nov..18	PF	1	Akroli	18	-	18	2	-	2
	Management of early and late blight disease in potato	18Dec.18	PF	1	Paltha	19	-	19	1	-	1

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IVth Quarter											

Plant protection	i. Integrated Pest Management technique in rabi pulses crop.	16 Jan. 119	PF	1	Nawabpura	18	-	18	2	-	2
	ii. Integrated Pest Management technique in mentha crop.	22Jan.19	PF	1	Budhnagar khandua	19	-	19	1	-	1
	iii. Technique and importance of Seed treatment in zaid crops	12 Feb. 2019	PF	1	Alhedadpur Chammu	16	-	16	4	-	4
	iv. Integrated disease management in sugarcane.	19March19	PF	1	Gumthal	20	-	20	-	-	-

ON Campus/ OFF Campus : Vocational training programme for Rural Youth (ON/OFF Campus)

Subject	Title	Date	Thrust Area	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
							M	F	Total	M	F	Total
IIIrd Quarter												
Plant Protection	Technique of bee keeping	23-24,26-29 Oct.18	Promoting honey production	RY	6	On/Off	9	1	10	-	-	-
IVth Quarter												
Plant protection	Technique of bee keeping	21-29 Feb 19	Promotion of honey production	RY	6	On/Off	10	-	10	-	-	-

(iii) Training Programme for Extension Functionaries

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST			
						M	F	Total	M	F	Total	
Ist Quarter												
Animal Science	F.M.D.: Its symptoms and preventive measures.	6 May2018	EF	1	On/Off	8	-	8	2	-	2	
Plant protection	Management of Top borer in S.cane	25 June 2018	EF	1	On/Off	9	-	9	1	-	1	
IInd quarter												
Animal Science	H.S.: Its symptoms and preventive measures.	2 July. 2018	EF	1	On/Off	8	-	8	2	-	2	
Plant protection	Control of Mosaic disease in Urd crop.	27 July. 2018	EF	1	On/Off	9	-	9	1	-	1	
	Integrated pest management technique in <i>kharif</i> crops	25 Sep 2018	EF	1	On/Off	10	-	10		-		

IIIrd Quarter											
Plant protection	Integrated pest management in <i>rabi</i> crops and vegetables	30 Oct. 2018	EF	1	On/Off	10	-	10		-	
	Technique of selection & use of pesticides.	26 Nov. 2018	EF	1	On/Off	10	-	10		-	
	Insect & Disease management in <i>rabi</i> pulse crops	21 Dec. 2018	EF	1	On/Off	10	-	10		-	
IVth Quarter											
Plant protection	Integrated pest management technique in Zaid crops.	24 Jan.2019	EF	1	On/Off	9	-	9	1	-	1