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	22	440	-	440
Rural youths	5	50	-	50
Extension functionaries	9	90	-	90
Sponsored Training	4	1015	159	1174
Vocational Training	3	39	-	39
Total	43	1634	159	1793

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	0		
Pulses			
Cereals	42	13.0	
Vegetables			
Other crops			
Hybrid crops			
Total	42	13.0	
Livestock & Fisheries			
Other enterprises			
Total			
Grand Total	42	13.0	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	03	16	16
Livestock			
Various enterprises			
Total	03	16	16
Technology Refined			
Crops	01	06	06
Livestock			
Various enterprises			
Total	01	06	06
Grand Total	04	22	22

4.Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	337	18898
Other extension activities	06	137

Total	343	19035

5.Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke -ting	Aware -ness	Other enterprise	Total
	Text only	75	-	10		12		97
	Voice only	15		05		05		25
	Voice & Text both	0		0		0		0
	Total Messages	**90**		**15**		**17**		**122**
	Total farmers Benefitted	**90**		**15**		**17**		**122**

6. Seed & Planting Material Production - Nil

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

7. Soil, water & plant Analysis - Nil

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

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	02
2	Conferences	01
3	Meetings	04
4	Trainings for KVK officials	02
5	Visits of KVK officials	04
6	Book published	0
7	Training Manual	0
8	Book chapters	0
9	Research papers	04
10	Lead papers	02
11	Seminar papers	01
12	Extension folder	04
13	Proceedings	01
14	Award & recognition	01
15	On going research projects	01

16	Vedio conferances attended	02

DETAIL REPORT OF APR-2018-MAR 2019

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 Babugarh, Hapur (U.P.)	Office	FAX	hapurkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
S.V.P.U. & T. Meerut (U.P.)	0121-2411511	0121-2411511	deesvpuat2014@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Hans Raj Singh	-	9411263753	Dr.hansraj67@gmail.com

1.4. Year of sanction: JUNE 2018

1.5. Staff Position (as on 30th March, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	**Email id**
1	Programme Coordinator	Dr.Hansraj Singh	Professor (Agronmy) & Head	Agronomy	37400-67400	51600	14-10-2004	Permanent	Others	9411263753	52	dr.hansraj67@gmail.com
2	Subject Matter Specialist											
3	Subject Matter Specialist	Dr Arvind Kumar Mishra	SMS/ Asstt. Prof.	Agronomy	15600-39100	35000	09-07-2008	Permanent	Others	9719353536	51	dr.misraak@rediffmail.com
4	Subject Matter Specialist	-										
5	Subject Matter Specialist	-										
6	Subject Matter Specialist	-										
7	Subject Matter Specialist	-										
8	Programme Assistant	-										
9	Computer Programmer	-										
10	Farm Manager	Dr. Ashok	Farm Manager	Soil Science	9300-34800	50500	30-07-2007	Permanent	others	9412405845	45	drashoksengar123@gmail.com
11	Accountant / Superintendent											
12	Stenographer	-										
13	Driver	-										
14	Driver	-										
15	Supporting staff	-										
16	Supporting staff	-										

1.6.Total land with KVK (in ha) 12 :

S. No.	Item	Area (ha)
1	Under Buildings	
2.	Under Demonstration Units	
3.	Under Crops	
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.)	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						
		ICAR						
5	Fencing	ICAR						
6	Rain Water harvesting system	ICAR						
7	Threshing floor	ICAR						
8	Farm godown	ICAR						

B) Vehicles : N/A

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status

C) Equipments & AV aids : N/A

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
	.		

1.8. A). Details SAC meetings conducted in the year 26-02-2019

Sl.No.	Name of Participants	Designation
1.	Dr. S.K Sachan ,	Director of Extension, Meerut
2.	Dr A.N. Mishra	Dy Director Agril, Hapur
3.	Dr.Komal Singh	GM Farm
4.	Dr. K.G.Yadav	Associate Prof
5.	Dr S.K Tripathi,	Associate Prof
6.	Dr. K.K Nagar	V.O, Babugarh Hapur
7.	Dr Rajnis,	VO DFS,
8.	Shri S.K Sharma	DHO, Hapur
9.	Shri Surendra Kumar	BSA, Hapur
10.	Smt Suman	SHG " Sadhana" , Hapur
11.	Smt Khusbu ….	*SAC Member*
12.	*Sri Mahesh Chandra Ty*agi …	*SAC Member*
13.	Sri RamKumar	*SAC Member*

Sl.No.	Name and Designation of Participants	Salient Recommendations	Action taken
1	डा0 एस0के0 सचान निदेशक प्रसार सवभप, मेरठ।	1. शरद कालीन गन्ने के साथ सह–फसली खेती करने हेतु प्रचार प्रसार एवं कृषकों के यहाँ ट्रायल एवं प्रदर्शन कराये जायें। 2. गेहूँ की नई प्रजातियों का प्रचार प्रसार किया जायें साथ ही गेहूँ की नई प्रजाति डब्लयू.बी.–2 का प्रदर्शन कृषकों के खेतों पर करायें जायें। 3. फसल अवशेष प्रबन्ध पर प्रशिक्षण व प्रदर्शन आयोजित किये जायें।	डा0 ए0के0 मिश्र, सस्य विज्ञान। डा0 ए0के0 मिश्र, सस्य विज्ञान। समस्त वैज्ञानिक
2	डा0 ए0एन0मिश्र उपनिदेशक कृषि, हापुड़।	1. जल विलेय उर्वरकों पर प्रर्दशन कराने का सुझाव दिया। 2. सरसों की रोपाई वाली प्रजाति आर.पी.– 9 को प्रदर्शन में शामिल किया जायें।	डा0 अशोक कुमार मृदा विज्ञान डा0 ए0के0 मिश्र
3	श्री एस0के0 शर्मा जिला उद्यान अधिकारी, हापुड़।	1. सब्जी मटर पर प्रर्दशन कराने का सुझाव दिया। 2. औषधीय फसलों की खेती पर प्रशिक्षण कृषकों एवं महिलाओं को दिया जायें।	समस्त वैज्ञानिक
4	डा0 के0के0 नागर पशु चिकित्साधिकारी बाबूगढ़ हापुड़।	1. खुरपका एवं मुँहपका बीमारी पर प्रशिक्षण करायें जायें तथा उक्त प्रशिक्षण में जिले के पशु चिकित्साधिकारियों को भी शामिल किया जायें।	पशुपालन वैज्ञानिक नियुक्त होने पर
5	श्री महेश त्यागी प्रगतिशील कृषक एवं सदस्य – ग्राम दतियाना, हापुड़।	1. आलू की उन्नतशील प्रजातियों का बीज उपलब्ध कराया जायें तथा उनके प्रर्दशन भी करायें जायें।	समस्त वैज्ञानिक
6	श्री रामकुमार प्रगतिशील कृषक एवं सदस्य ग्राम–हरसिंगपुर हापुड़।	1. गैंदा एवं सब्जियों पर प्रशिक्षण एवं प्रर्दशन करायें जायें।	उद्यान विशेषज्ञ की नियुक्ति होने पर
7	श्री सुरेन्द्र सिंह भूमि संरक्षण अधिकारी, हापुड़	1. फसल बीमा पर के0वी0के0 के माध्यम से कृषकों को जागरुक किया जायें।	समस्त वैज्ञानिक
8	श्रीमती सुमन बिसाला एस0एच0जी0 , ''साधना'' सदस्य , हापुड़।	1. घरेलू महिलाओं को लघु उद्योग शुरु करने के सम्बन्ध में प्रशिक्षण दिया जायें। 2. खाद्य प्रसंस्करण आधारित प्रशिक्षण आयोजित करायें जायें।	गृह विज्ञान विशेषज्ञ नियुक्ति उपरान्त शुरु किये जायें

Note: This yellow mark may be treated as an example

**** Attach a copy of SAC proceedings along with list of participants***

2. DETAILS OF DISTRICT (2018-19)

2.**1Major farming systems/enterprises (based on the analysis made by the KVK)**

S. No	Farming system/enterprise
1.	Major crops – Paddy, wheat, mustard, sugarcane, Aehar, Urd, potato, Cabbage& Chilly
2.	Crop rotation – Rice- sugarcane, Rice- wheat, urd-mustard-Cabbage, Potato-Maize, Urd – Wheat- Jowar(Fodder).
3.	Agriculture + Hort. + Livestock
4.	Crop+ Dairy +Horticulture+ Bee keeping +Poltry/Fishries/Mushroom.Vermi compost
5.	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- Central western plain zone of the district	-Loam and clay loam with high fertility - medium rainfall	Rice, wheat, Cabbage, sugarcane, chili, cauliflower, cabbage, mango, guava, buffalo, cows	Paddy, wheat, sugarcane+ Poplar+ A.H. (Cow, buffalo)	Hapur, Gharmukteshwar, Dholana,
2	II. Central western Plain zone/ Central east southern region of the district	-Sandy loam to loam soil of medium fertility - medium rainfall	Rice, wheat, mentha, sugarcane, mustard as well as vegetables (pea, Cabbage, chili, tomato, potato) and mango fruit, buffalo, cows	Paddy, wheat, potato, sugarcane, Cabbage, mustard based systems + horticulture + A.H.	
3	III Central western plain zone/ central region of the district	-Sandy loam to loam and clay soil of medium fertility - medium rainfall	Rice, wheat, Cabbage, sugarcane, potato, guava, mango, poplar etc.	Paddy, wheat, sugarcane,Cabbage based systems + poplar + A.H.+ Hort.	

2.3 Soil type/s

Sl. No	Soil type	Characteristics	Area (ha)
1	Clay loam	Clay loam	-
2	Sandy soil	Sandy soil	-
3	Sandy loam	Sandy loam	-
4	Loam	Loam	-
Total			-

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	42279	187000	44.23
2.	Lentil	231.00	223.00	9.64
3.	Toria	2238.00	2293	10.25
4.	Mustard	2404	2902	12.07
5.	Paddy (Rice)	28458	56667.00	29.33
6.	Maize	1995	48837.6	24.48
7.	Urd	1122.00	6911.52	06.16
8.	Moong	6500.00	290.55	04.47
9.	Arhar	1186.00	2488.00	08.00
10	Sugarcane			
B	**VEGETABLES**			
1.	Potato	1071	24036	230.03

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
Jun 18				
Jul				
Aug				
Sep				
Oct				
Nov				
Dec				
Jan 19				
Feb				
Mar				

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

Category	Population	Production	Productivity
Cattle			
Crossbred			
Indigenous			
Buffalo			
Sheep			
Crossbred			
Indigenous			
Goats			
Pigs			
Crossbred			
Indigenous			
Rabbits			
Poultry			
Hens			
Desi			
Improved			

Ducks			
Turkey and others			

Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (2018-19)

S. No.	Taluk/Village	Name of block	Major crops & enterprises	Major problem identified	Identified thrust area
1	Kaniya Kalyanpur	Simabhawali	Paddy, Wheat, Urdbean ,Sugarcane,Vegitable Pea,Potato, Vegitable , Mustard, & Dairy	-Low Productivity of paddy, wheat, mustard, urd ,Potato & Sugar cane etc. - The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control in timely.	-Diversification in agriculture - Lack of high yielding varieties. -Less availability of plant protection measures.
2	Harsingpur	Hapur	Wheat,Cabbage, Potato, cauliflower Mustard, Cucurbits, Dairy	Low Productivity of wheat, mustard, urd,Cabbage, Potato etc. The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control timely. Low yield of paddy, wheat, mentha & mustard	Diversification in agriculture Lack of high yielding varieties. Less availability of plant protection measures. Heavy infestation of weeds.
3		Garh	Paddy, Wheat, Sugarcane Mentha, Mustard, Dairy, Chilli, bottle	Poor milk production and infertility in animals. Lack of knowledge of	Diversification in Agriculture. Use of improved

			guard, colocacia	quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard	variety and IPM, ICM. Heavy infestation of weeds.
4		Dhaulana	Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Use of local varieties of different crops by the farmers. Pest problems Low yield of paddy, wheat, mentha & mustard	Diversification in Agriculture. Use of improved variety and IPM, ICM. Heavy infestation of weeds.

2.8 Priority/thrust areas

S.N.	Crop/ Enterprise	Thrust area
1.	Rice/Wheat	Integrated plant nutrient management in rice -wheat cropping.
2.	Rice/Wheat	Integrated weed management in rice -wheat cropping
3.	Pulses	Enhancing the area under Kharif & Rabi pulses
4.	Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.
5.	Cereals/Pulses/ Oil seeds	IPM in crops
6.	Cereals/Pulses/ Oil seeds	Promotion of new released varieties.
7.	Seed production	Promotion of seed production in different crops.
8.	Mango	Rejuvenation of old mango orchards
9.	Guava	Management of Guava orchards.
10.	Vegetables	Promotion of organic farming in vegetables.
11.	Floriculture	Promotion of income generating crops.
12.	Bee-keeping	Popularization of Bee-keeping
13.	Vermi compost	Popularization of Vermi composting

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)* (S.cane+ Mustard)& (S.cane+Potato)**	**Gross Income (Rs./ha.)**	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping Systems –								
Autumn Sugar cane + Mustard	650.75	12.50	156.25	114750.00	2,25960.00	111210.00	1:1.96	
Autumn Sugar cane + Potato	695.00	185.75	398.00	131.75	30605.00	174300.00	1:2.33	

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)* (S.cane+ Mustard)& (S.cane+Potato)**	**Gross Income (Rs./ha.)**	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System								
Autumn Sugar cane + Mustard	685.50	15.75	196.88	1,15650.00	2,47065.00	1,31415.00	1:2.14	
Autumn Sugar cane +Potato	752.65	215.50	461.78	135650.00	340042.00	204392.00	1:2.51	

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,

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**	**Remar k 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. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2018-19

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, 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
06	03	100	16	200	13		42

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers		22		440		343		19035
Rural youth		05		50				
Extn. Functionaries		09		90				
	100	36		580				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200			200000	-	-

I.A TECHNOLOGY ASSESSMENT

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	wheat	Low yield of late sown wheat due to use of indigenous variety	01	05
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				

Weed Management	Paddy	low yield of paddy due to heavy infestation of weeds	01	05
Resource Conservation Technology	Wheat	Low organic matter in soil due to burning of crop residue	01	06
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			**03**	**16**

Summary of technologies assessed under livestock by KVKs - Nil

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				

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*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

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				

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				

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*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

INTEGRATED CROP MANAGEMENT

Problem definition: **Low yield of late sown wheat due to use of old variety**

Technology Assessed or Refined ***:*** *To assess the* high yielding varieties of wheat under late sown condition.

No. of Farmers : 05

K.V.K. Hapur conducted on-farm trial to ***assess the*** high yielding varieties of wheat under late sown condition .The wheat variety sown in dec.,2018 with full package and practices. *The problem assessed on the basis of suitable and high yielding wheat variety under late sown condition.*

Table : Assessment of high yielding varieties of wheat under late sown condition

Technology Option	***No.of trials***	***Yield (q/ha)***	***Net Returns (Rs./ha)***
PBW 373 (farmers' practice)- T1	*05*	*40.75*	*63020.00*
HD 3059 **- T2**		*49.75*	*83180.00*
DBW-90 –**T3**		*47.25*	*77065.00*

Recommendation : *The maximum grain yield received in T2 (HD-3059) (49.75q/ha.) followed by T3 (DBW-90) (47.25q/ha) over to control(PBW-373), in term of percentage the higher than 5.29% over to DBW-90 and 22.08% of local check FP (PBW-373)*

Farmers Reaction : *Farmers have give positive response of varieties of HD-3059 and DBW-90 in term of Grain yield*

Variety HD-3059 and DBW-90 is fit for late harvesting of sugar cane ratoon

Date of Sowing & Harvesting: 21 Dec. ,2018 and 12.4.2019

WEED MANAGEMENT

Problem definition: ***Heavy weed infestation in paddycrop***

Technology Assessed or Refined ***:*** Use of weedicid **Chlorimuron + Metsulfuron 20 WP** withen a week of transplanted rice .

No. of Farmers : 05

K.V.K Hapur has been condected on –Farm trialson suitable and effective weedicide in wheat Crop. Generally farmers are not use of weedicide or manual weedings for certain time, resulting Low yield of wheat. The problem assessed on the basis of suitable and effective weedicide for wheat crop

Table Effect of weedicid Chlorimuron + Metsulfuron 20 WP ***on weed control and yield at paddy***

Technology Option	***No.of trials***	***Yield (qt./ha)***	***Increase in yield (%)***	***Net Return (Rs./ha)***	***B:C Ratio***
Farmers practice (Manual weeding) **-T1**	*05*	*62.50*		*90850.00*	*1:2.95*
Chlorimuron + Metsulfuron 20 WP @ 20 gm/ha***.- T2***		*73.65*	*17.84*	*114180.00*	*1:3.38*

Recommendation : *Data given in table shows that T2 (Use of Chlorimuron +Metsulfuron 20WP 20 gram/ha.)is found maximum grain yield (73.65q/ha) due to timely weed management and supresed the weed population d to up to 89.5% and increased the grain yield 17.84% as compare T1 (FP)*

Farmers Reaction : *Farmers have give positive response about weedicide Chlorimuron + Metsulfuron 20 WP sprayed 30 DAS is more effective & economic as compared to manual weeding.*

Date of Sowing & Harvesting: 23 Nov.,2018 and 05.4.2019

RESOURCE CONSERVATION

Problem definition : Low organic matter in soil due to burning of crop residue& intensive Crop rotation

Technology Assessed or Refined : Enhancement of organic matter in soil through crop residue management .

The K.V.K.Hapur *conducted on-farm trial on* Crop Residue Management in wheat crop after harvesting of sugarcane through use of Waste decomposer (Approximate cost-Rs.1200/- ?) and Happy Rotavator Residue incorporation 15 days before sowing of wheat crop. *The problem assessed on the basis of suitable and effective* treatment for increasing the organic cabon in soil.

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Table : Effect of yield of wheat crop and organic matter as well as other soil physical parameter

Technology Option	***No.of trials***	***Yield (q/ha)***	***Net Returns (Rs./ha)***	***BC Ratio***
burning of crop residue before sowing of crop *(Farmers Practice)* -***T1***	*40*	*44.90*	*74892*	*2.92*
waste decomposer @ *5 Litre/Acre* –***T2***		*50.20*	*86181*	*3.14*
waste decomposer @ *5 Litre/Acre* + Happy Rotavator for Residue incorporation – ***T3***		*55.70*	*96610*	*3.33*

Recommendation : The maximum grain received in T3 (5.57 t/ha.) followed by T2 (5.02 t/ha.) over to control T1(FP) (4.49 t/ha.) , *in term of percentage the higher than 10.96% over to T2 and 24.05% of local check FP (T1).* , organic matter increase as well as other soil physical parameter ie PH ,Ec,Available NPK and increase Gowth parameters.

II. FRONTLINE DEMONSTRATION

A. Follow-up for 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. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
1					No.of villages	No. of farmers	Area in ha
1	Wheat	VE	To demonstrate the yield potential of high yielding late sown wheat variety.	Through training programme,FLD& Electronic media	10	125	163
2	Wheat	Weed management	Timely application of effective narrow leaf weedicide (cladinofoap 20 WP)	Through training programme,FLD& Electronic media	15	132	225
2	Wheat	INM	Two Spray of water soluble fertilizer, one is tillering stage & second is Maximum tillering stage	Through training programme,FLD& Electronic media	12	127	215

**** Thematic areas as given in Table 3.1 (A1 and A2)***

b. Details of FLDs implemented during 2018-19 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop/ Enterprise	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
01	wheat	V.E	vatietal	Rabi 2018-19	1.20	1.20	02	10	12	-
02	wheat	INM	WaterSolable NPK	Rabi 2018-19	5.80	5.80	01	14	15	-
03	wheat	Weed management	Clodinofoap 400gm	Rabi 2018-19	6.0	6.0	02	13	15	
						13.00	**05**	**37**	**42**	

Details of farming situation

S. No.	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					
1	wheat	Rabi 2018-19	Irrigated	Loam	Medium	Low	Medium	S.cane	15.12.2018	11.4.2019		
2	wheat	Rabi 2018-19	Irrigated	Loam	Low	Low	Medium	Paddy	22.11.2018	05.4.2019		
3	wheat	Rabi 2018-19	Irrigated	Loam	Medium	Mediu m	Low	S.cane	25.11.2018	07.4.2019		

Technical Feedback on the demonstrated technologies

S. No	Crop/ Enterprise	Feed Back
1	Wheat	- Use of quality seed and improved variety is essential to get higher production
2	wheat	- Cladinofoap 20 WP is effectively weed control upto 89.5%. – The grain yield has been increased up to 16.18% due to timely weed control.
3	wheat	i– Spray of water soluble fertilizer(18:18:18)NPK @ ? at tillering and maximum tillering stage, increased the grain yield up to

Farmers' reactions on specific technologies

S. No	Crop/ Enterprise	Feed Back
1	wheat	Variety HD3059 is higher grain yield as compared tolocal check variet (PBW373).
2	Wheat	- Farmers give positive response to chemical weed control Cladinofoap 20Wp is more effective and economic as compare to manual weedings - Grain yield has increased up to 16.18%.
3	Wheat	-Two spray of water soluble fertilizer (18:18:18 NPK) is very effective to increase the grain yield of wheat

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	03		79	
2	Farmers Training	03		60	
3	Media coverage	03		Mass	
4	Training for extension functionaries	03		30	

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum																		
Mustard																		
Toria																		
Linseed																		
Sunflower																		
Soybean																		

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

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea																		
Blackgram																		
Greengram																		
Chickpea																		
Fieldpea																		
Lentil																		
Horsegram																		

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (INMRs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy																			
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat																			
Wheat Timely sown	INM	Water solable fertilizer	15	5.80			55.50	45.29	22.54			39750	136475	96725	3.43	38750	114419	75669	2.95
	W.M.	Cladinofoap	15	6.0			48.50	41.75	16.17			38950	119553	80603	3.07	37700	102920	65220	2.72
Wheat Late Sown	V.E	Varietal	12	1.20			49.50	41.50	19.28			39250	122205	82955	3.11	37600	102685	65085	2.73
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			

Bajra																		
Barnyard millet																		
Finger millet																		
Vegetables																		
Bottlegourd																		
Bittergourd																		
Cowpea																		
Spongegourd																		
Petha																		
Tomato																		
Frenchbean																		
Capsicum																		
Chilli																		
Brinjal																		
Vegetable pea																		
Softgourd																		
Okra																		

Colocasia (Arvi)																		
Broccoli																		
Cucumber																		
Onion																		
Coriender																		
Lettuce																		
Cabbage																		
Cauliflower																		
Elephant fruit																		
Flower crops																		
Marigold																		
Bela																		
Tuberose																		
Gladiolus																		
Fruit crops																		
Mango																		
Strawberry																		

Guava																		
Banana																		
Papaya																		
Muskmelon																		
Watermelon																		
Spices & condiments																		
Ginger																		
Garlic																		
Turmeric																		
Commercial Crops																		
Sugarcane																		
Potato																		
Medicinal & aromatic plants																		
Mentholment																		
Kalmegh																		
Ashwagandha																		
Fodder Crops																		
Sorghum (F)																		

Cowpea (F)																		
Maize (F)																		
Lucern																		
Berseem																		
Oat (F)																		

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

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	
Buffalo Calf																	
Dairy																	
Poultry																	

Sheep & Goat																	
Vaccination																	

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

FLD on 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 (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture																	
Feed Management																	

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

FLD on 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			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Apiculture																

Maize Sheller																
Value Addition																
Vermi Compost																

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2018-19***)*

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													
Pulse crop													
Cereal crop													
Vegetable crop													
Fruit crop													
Other (specify)													

Note : Remove the Enterprises/crops which have not been shown

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production	01	18	0	18	02	0	02	20	0	20
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	01	17	0	17	03	0	03	20	0	20
Soil & water conservatioin										
Integrated nutrient management	02	38	0	38	02	0	02	40	0	40
Production of organic inputs	01	20	0	20	0	0	0	20	0	20
Others (pl specify)	03	53	0	53	07	0	07	60	0	60
Total										
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)	08	146	0	146	14	0	14	160	0	160
Total (a)	**16**	**292**	**-**	**292**	**28**	**-**	**28**	**320**	**-**	**320**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
ltivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										

Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										

Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
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										
Mushroom Production										
Apiculture										
Others (pl specify)										
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 (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL										

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management										
Resource Conservation Technologies	01	20	0	20	0	0	0	20	0	20
Cropping Systems	01	18	0	18	02	0	02	20	0	20
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										

Integrated Crop Management	2	38	0	38	2	0	2	40	0	40
Soil & water conservatioin										
Integrated nutrient management	6	116	0	116	4	0	4	120	0	120
Production of organic inputs										
Others (pl specify)	4	64	0	64	16	0	16	80	0	80
Total	**14**	**256**	**0**	**256**	**24**	**0**	**24**	**280**	**0**	**280**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										

Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
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										
Mushroom Production										
Apiculture										
Others (pl specify)										
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 (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL										

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production										
Weed Management	0									
Resource Conservation Technologies	2	38	0	38	2	0	2	40	0	40
Cropping Systems	1	18	0	18	2	0	2	20	0	20
Crop Diversification	0									
Integrated Farming	0									
Micro Irrigation/irrigation	0									
Seed production	0									
Nursery management	0									
Integrated Crop Management	3	55	0	55	5	0	5	60	0	60
Soil & water conservatioin	0									
Integrated nutrient management	8	154	0	154	6	0	6	160	0	160
Production of organic inputs	1	20	0	20	0	0	0	20	0	20
Others (pl specify)	7	117	0	117	23	0	23	140	0	140
Total	**22**	**402**	**0**	**402**	**38**	**0**	**38**	**440**	**0**	**440**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										

b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost										

diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
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										
Mushroom Production										
Apiculture										
Others (pl specify)										
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 (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL										

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

Training for Rural Youths including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming	2	16	0	16	4	0	4	20	0	20
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture	3	24	0	24	6	0	6	30	0	30
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**05**	**40**	**0**	**40**	**10**	**0**	**10**	**50**	**0**	**50**

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming	2	16	0	16	4	0	4	20	0	20
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture	3	24	0	24	6	0	6	30	0	30
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of										

farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**5**	**40**	**0**	**40**	**10**	**0**	**10**	**50**	**0**	**50**

Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

Training programmes for Extension Personnel including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	**3**	**26**	**0**	**26**	**4**	**0**	**4**	**30**	**0**	**30**
Integrated Pest Management	**2**	**13**	**0**	**13**	**7**	**0**	**7**	**20**	**0**	**20**
Integrated Nutrient management	**3**	**26**	**0**	**26**	**4**	**0**	**4**	**30**	**0**	**30**
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	**1**	**8**	**0**	**8**	**2**	**0**	**2**	**10**	**0**	**109**
Care and maintenance of farm machinery and implements										

Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**9**	**73**	**0**	**73**	**17**	**0**	**17**	**90**	**0**	**90**

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	3	26	0	26	4	0	4	30	0	30
Integrated Pest Management	2	13	0	13	7	0	7	20	0	20
Integrated Nutrient management	3	26	0	26	4	0	4	30	0	30
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	1	8	0	8	2	0	2	10	0	10
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**9**	**73**	**0**	**73**	**17**	**0**	**17**	**90**	**0**	**90**

Table. 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	4	852	104	956	163	55	218	1015	159	1174
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total	**4**	**852**	**104**	**956**	**163**	**55**	**218**	**1015**	**159**	**1174**
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										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (pl. specify)										
Total										
GRAND TOTAL										

Name of sponsoring agencies involved

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										
Commercial vegetable production										
Integrated crop management	**2**	**16**	**0**	**16**	**4**	**0**	**4**	**20**	**0**	**20**
Organic farming	**1**	**15**	**0**	**15**	**4**	**0**	**4**	**19**	**0**	**19**
Others (pl. specify)										
Total	**3**	**31**	**0**	**31**	**8**	**0**	**8**	**39**	**0**	**39**
Post harvest technology and value addition										
Value addition										
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-pesticides,										
bio-fertilizers etc.										
Repair and maintenance of farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching,										

embroidery, dying etc.										
Agril. para-workers, para-vet training										
Others (pl. specify)										
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	67	775	98	873
Diagnostic visits	5	96	48	144
Field Day	43	775	43	818
Group discussions	95	342	15	357
Kisan Ghosthi	23	3140	843	3983
Film Show	2	190	12	202
Self -help groups				
Kisan Mela	5	3650	105	3755
Exhibition	5	3650	105	3755
Scientists' visit to farmers field	87	789	12	801
Plant/animal health camps	2	320	34	354
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	01	132	03	135
Method Demonstrations	-	-	-	-
Celebration of Important days	2	450	108	558
Special day celebration	-	-	-	-
Exposure visits	2	100	8	108
Others (pl. specify)				
Total	**339**	**11109**	**1434**	**15735**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	3
News paper coverage	109
Popular articles	4
Radio Talks	2
TV Talks	7
Animal health amps (Number of animals treated)	
Others (pl. specify)	12
Total	**137**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Hapur	Text only	75	0	10	0	12	0	97
	Voice only	15	0	5	0	5	0	25
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**90**	**0**	**15**	**0**	**17**	**0**	**122**
	Total farmers Benefitted	**90**	**0**	**15**	**0**	**17**	**0**	**122**

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
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

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	Quantit of seed (q)	Value (Rs)	Number of farmers
Cereals						
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						

Forest Species						
Others						
Total						

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						

Production of Bio-Products

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

Table: 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
Hapur	01 (26/02/2019)

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	03
Technical bulletins	-
Technical reports	02
Others (pl. specify)	

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

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.)**

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

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Potato (K. Bahar)	3500.00	Foliage / check the tuber growth	Irrigation, Smoke the around the field, 1.5-2% Foliar spray of wetable Sulphur. Use K. Garima & K. Chipsona
Wheat	1250.00	Lodge of crop, & damage of Ears.	Timly &Line Sowing
Total	**4750.00**		

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals – Wheat (HD-2968, 3086 & 3059)	55650.00	
Vegetable crops		
Tuber crops –Potato (K. Bahar & Chipsona)	21750.00	
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

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**
1	06	125	23	4140	43	775	05	4650	05	4650	02	190
Total	**06**	**125**	**23**	**4140**	**43**	**775**	**05**	**4650**	**05**	**4650**	**02**	**190**

XIII. DETAILS ON HRD ACTIVITIE

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
Total				

A. 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
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

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs N.A.

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

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 √ 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 provided

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	Others pl. specify									

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		Quintal		
02	Planting materials		Numbers		
03	Livestock		Numbers		
04	Poultry birds		Numbers		
05	Bio-products		Quintals		
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	
02	Field days	
03	Workshops / seminars	
04	Technology week	
05	Training programmes	
06	Others pl. specify	

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			

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	

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