PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan-2020-Dec-2020)

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	26	520	-	520
Rural youths	05	50	-	50
Extension functionaries	10	900	-	900
Sponsored Training	25	500	-	500
Vocational Training	10	190	-	190
Total	76	2160	-	2160

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	50	20	-
Pulses	-	-	-
Cereals	62	24.8	-
Vegetables	-	-	-
Other crops	-	-	-
Hybrid crops	-	-	-
Total	112	44.8	-
Livestock & Fisheries	10	1.0	-
Other enterprises			-
Total			-
Grand Total	**122**	**45.8**	-

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	04	19	19
Livestock	02	03	03
Various enterprises			
Total	06	22	22
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**06**	**22**	**22**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	345	5877
Other extension activities	33	Mass
Total	378	5877

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Market-ing	Aware-ness	Other enterprise	Total
Moradabad	Text only							
	Voice only	412				Vrietal & Pest		
	Voice & Text both							
	Total Messages							
	Total farmers Benefitted							

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	100.50	336255.00
Planting material (No.)	-	-
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	122	-
Water		
Plant		
Total	**122**	**-**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	05
2	Conferences	-
3	Meetings	01
4	Trainings for KVK officials	-
5	Visits of KVK officials	01
6	Book published	-
7	Training Manual	-
8	Book chapters	-
9	Research papers	-
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	05
13	Proceedings	02
14	Award & recognition	-
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	
Babugarh, Hapur (U.P.) - 245101	-	-	hapurkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Directorate of Extension	0121-2888511	0121-2888511	deesvpuat2014@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. Hans Raj Singh	-	9411263753	hapurkvk@gmail.com

1.4. Year of sanction: 2018(ICAR, Letter No.A.Extn.7/4/2016-AE-II 08June 2018)

1.5. Staff Position (as on 31st Dec. 2020)

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.Hansraj Singh	Prof. & Head	Agronomy	37400-67400	61610 + 10000	01.7.10	Permanent	9411263753	53	drhansraj67@gmail.com
2	Subject Matter Specialist	Dr. P. K. Madke	SMS/Asst. Prof	A.H & Dairying	15600-39100	32980 +7000	27.06.08	**Permanent**	8920593039	46	dr.madke74@gmail.com
3	Subject Matter Specialist	Dr. Laxmi kant	SMS/Asst. Prof.	Plant breeding	15600-39100	30860 + 6000	01-01-2009	Permanent	9457085593	49	laxmikant1965@yahoo.co.in
4	Subject Matter Specialist		Vacant	-	-	-	-	-	-	-	-
5	Subject Matter Specialist		Vacant.	-	-	-	-	-	-	-	-
6	Subject Matter Specialist		Vacant.	-	-	-	-	-	-	-	-

7	Subject Matter Specialist	-	-	Home science	-	-	-	-	-	-	-
8	Prog. Assistant		Vacant.		-	-	-	-	-	-	-
9	Prog. Assistant	Sri. Nagendra Pratap Singh	Computer Programmer/ Programme Assistant	PGDCA	9300-34800	53600	01-09-2007	Permanent	9412060554	47	nagendrapratap1973@gmail.com
10	Farm Manager	Dr. Ashok	Farm Manager	Soil Science	9300-34800	53600	30-07-2007	Permanent	9412405845	48	drashoksengar123@gmail.com
11	Accountant / Superintendent	-	-	-	-	-	-	-	-	-	-
12	Stenographer/ computer operator	-	-	-	-	-	-	-	-	-	-
13	Driver	-	-	-	-	-	-	-	-	-	-
14	Driver	Vacant	-	-	-	-	-	-	-		
15	Supporting staff	Vacant	-	-	-	-	-	-	-		
16	Supporting staff	-	-	-	-	-	-	-	-	-	-

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

S. No.	Item	Area (ha)
1	Under Buildings (Adim. + Farmer's Hostel + Residence + Demonstration Units)	2.0
2.	Under Crops	10.0
3.	Barran Land (Problematic & sodicity)	-
4.	Orchard/Agro-forestry	0.0
5.	Land encroachment	
	Total	**12.0**

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		510				Completed
2.	Farmers Hostel	ICAR		300				-
3.	Staff Quarters (6)	ICAR		431				-
4.	Demonstration Units (2)	ICAR		160				-
5	Fencing	ICAR		2000 R/M				-
6	Rain Water harvesting system	-	-	-				-
7	Threshing floor	ICAR		300				-
8	Farm godown	ICAR		60				-
9	Irrigation Channel	ICAR		1000 M				-

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 - NA

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 Vinoi 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 की तृतीय बैठक का आयोजन दिनांक – 15.01.2021 को केन्द्र पर हुआ। जिसमें निम्न संस्तुतियॉ बैठक में उपस्थित विभिन्न विभागों से आये हुये अतिथियों एवं उन्नतशील कृषकों द्वारा दिये गये सुझावों का विवरण –

Sl.No.	Name of participants	Designation	Silent Recommendations	Action taken
1	डा0 के0जी0 यादव	सहायक प्राध्यापक (सस्य) प्रसार निदेशलय स0व0प0 कृषि एवं प्रौ0, वि0वि0, मेरठ	i. मृदा (नमूना) परीक्षण कराकर एफ0एल0डी0 एवं ओ0एफ0टी0 में संतुलित उर्वरकों का प्रयोग करते हुए खाद एवं उर्वरक की मात्रा का निर्धारित कर प्रयोग कराने तथा घुलनशील उर्वरकों के प्रयोग को बढाने का सुंझाव दिया।	समस्त वैज्ञानिक
			ii. गन्ने की उपज पर अन्तफसलीय फसल का क्या प्रभाव पड रहा है कृषको को प्रशिक्षण के माध्यम से बताने को कहा गया।	समस्त वैज्ञानिक
			iii. बसन्तकालीन गन्ने की बुवाई से पहले किसानों को केन्द्र पर प्रशिक्षण देने का सुझाव दिया गया।	समस्त वैज्ञानिक

2	डा0 बी0बी0द्विवेदी	उपनिदेशक कृषि, हापुड	i. धान में खरपतवार नियंत्रण हेतु सोडियम विस्पाईरी बैक दवा का प्रयोग करने का सुझाव दिया।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)
			ii. विभिन्न फसलों का काफ कैफेटेरिया विकसित करने का सुझाव दिया।	समस्त वैज्ञानिक
3	श्री शिव कुमार	जिला कृषि अधिकारी, हापुड।	i. औषधीय एवं सुगन्ध पुष्पों की केन्द्र पर नर्सरी स्थापित कर किसानों को मधुमक्खी पालन पर प्रशिक्षण दिये जाने का सुझाव दिया।	डा0 अशोक कुमार प्रक्षेत्र प्रबन्धक
4	डा0 कोमल सिंह	प्रबन्धक, राजकीय पशुधन प्रक्षेत्र, बाबूगढ, हापुड	i. संतुलित पशु आहार पर प्रशिक्षण देने का सुझाव दिया गया।	डा0 पी0के0मडके वि0व0वि0 / सहा0प्रा0 (पशु विज्ञान)
			ii.प्राकृतिक कृषि पद्वति अपनाने हेतु कृषकों को प्रोत्साहित करने का सुझाव दिया गया ।	समस्त वैज्ञानिक
5	डा0 डी0सी0 सचान	प्रभारी, राजकीय आलू प्रक्षेत्र, बाबूगढ, हापुड	i. केन्द्र पर मशरूम की एक प्रदर्शन इकाई स्थापित करने का सुझाव दिया।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)
6	निधी गुप्ता	जिला गन्ना अधिकारी, हापुड	i. नई गन्ने की प्रजातियों की नर्सरी उगाने एवं किसानों को बीज वितरण का सुझाव दिया ।	डा0 अशोक कुमार प्रक्षेत्र प्रबन्धक
7	डा0 एस0के0त्रिपाटी	सहायक प्राध्यापक (उद्यान) प्रसार निदेशलय स0व0प0 कृषि एवं प्रौ0, वि0वि0, मेरठ	i. हाई डेन्सीटी आक्वर्ड के अमरूद, आम के बाग केन्द्र पर लगाने का सुझाव दिया ।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)
8	श्री राजकुमार	सदस्य, वैज्ञानिक सलाहकार समिति	i. केन्द्र पर हाईटेक नर्सरी स्थापित कर कृषकों को उन्नतशील पौध न्यूनतम लागत पर उपलब्ध कराने का सुझाव दिया।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)
	श्री ललित त्यागी	एफ0पी0ओ0, हापुड	i. मार्केटिंग पर प्रशिक्षण, / प्रोसेसिंग / गुणवत्तायुक्त बीज नियंत्रण एवं पोस्ट हार्वेटिंग प्रबन्धन पर प्रशिक्षण आयोजित कराने का सुझाव दिया।	समस्त वैज्ञानिक

2.0 DETAILS OF DISTRICT (31st Dec., 2020)

2.1 Major 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 +Poultry/Fisheries/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.	Simbhawali
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.	Gharmukteshwar

2.3 Soil type/S

Sl. No	Soil type	Characteristics	Area ('000ha)
1	Clay loam	Clay loam	11.4
2	Sandy loam	Sandy loam	24.7
3	Loam	Loam	40.8
	Total		76.9

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

S. No	Crop	Area (ha)	Production (MT)	Productivity (q /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
	Urd	1122.00	6911.52	06.16
	Moong	6500.00	290.55	04.47
	Arhar	1186.00	2488.00	08.00
7.	Sugarcane	36.4		785.6
B	**VEGETABLES**			
1.	Potato	1071	24036	230.03
2.				
3.				
4.				
5.				

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

S. No.	Month	2020
1	Jan	9.0
2	Feb	7.0
3	March	12.5
4	April	8.0
5	May	3.3
6	June	4.73
7	July	235.60
8	Aug	410.23
9	Sept.	3.1
10	Oct.	15.0
11	Nov.	0.00
12	Dec.	23.40
	Total rainfall	731.86
	Average rainfall	60.98

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

Category	Population	Production	Productivity
Cattle			
Crossbred	**40263**	**Data not available**	**9.56Litre Milk / day**
Indigenous	**-**		
Buffalo	**161321**		**5.90 / day**
Cow	**40263**		**9.56Litre Milk / day**
Sheep			
Crossbred	**-**	**-**	**-**
Indigenous	**1335**		**0.50 / day**
Goats	**37523**		**0.32 / day**
Pigs			
Crossbred	**-**	**-**	**-**
Indigenous	**4675**	**-**	**-**
Rabbits	**Data not available**	**Data not available**	**Data not available**
Hens			
Desi			
Improved			
Ducks			
Turkey and others			
Fish			

2.7 Details of operation area/villages (31st Dec., 2020)

S. No.	Taluk/Village	Name of block	Major crops & enterprises	Major problem identified	Identified thrust area
1	Upeda	Hapur	Paddy, Wheat, Sugarcane Pea, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd 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.	Diversification in agriculture Lack of high yielding varieties. Less availability of plant protection measures.
2	Kaniya Kalyanpur	Sambhawali	Paddy, Wheat, Sugarcane Banana, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd 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	Garh	Paddy, Wheat, Sugarcane Banana, Mustard, Dairy, Chilli, bottle guard, colocacia	Poor milk production and infertility in animals. Lack of knowledge of quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard	Diversification in Agriculture. Use of improved variety and IPM, ICM. Heavy infestation of weeds.
4	Dhaulana	Dhaulana	Paddy, Wheat, Sugarcane Papaya, Mustard, Poplar, Dairy	Use of local varieties of different crops by the farmers. Pest problems	Diversification in Agriculture. Use of improved

				Low yield of paddy, wheat, mentha & mustard	variety and IPM, ICM. Heavy infestation of weeds.
5	Atoota	Sambhawali	Paddy, Wheat, Sugarcane Mentha, Mustard, Dairy, Poplar,Chilli, Onion, Gartic, Cucurbits.	Lack of knowledge of improved varities of different crops. - Pest problems - Lack of knowledge of inter cropping - Crop management & nutrient management. - Disease & insect control of cereals and vegetable crops. - Poor milk production and infertility in animals	Diversification in agriculture. Use of improved varieties. Inter cropping technique. Crop management. Weed control Unawareness of diseases and insect control.

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 (Jan. 2020 – Dec. 2020) Demonstrations

Assesment of suitable combination of inter crop with Autumn S.cane (S.cane + Potato)

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 System(Rabi)								
Autumn Sugar cane + Mustard	650.75	12.50	156.25	114750.00	2,25960.00	111210.00	1:1.96	

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)***	**Gross Income (Rs./ha.)**	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Rabi)								
Autumn Sugar cane + Mustard	685.50	15.75	196.88	1,15650.00	2,47065.00	1,31415.00	1:2.14	

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

Sale rate – Mustard @ 3350/- q

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 2020

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
06	04	33 & 08 Animals	22 & 03 Animals	80	72	30 & 20 Animals	25.8

CFLD (Oilseeds,Pulses,)			
3			
Area in ha.		Number of Farmers	
Targets	Achievement	Targets	Achievement
20.0	20.0	50	50

	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	65	26	1300	520	365	345	7978	5877
Rural youth	08	05	80	50				
Ext. Functionaries	14	10	140	100				
Sponsered traing	-	-						

Seed Production (Qtl.)			Planting material (Nos.)		
6			7		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	100.50	Auction	20000	-	-

Soil/plant/water Analysis		
8		
Target	Achievement	No. of farmers covered
2000	122	18

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	Paddy	Evaluation of higher yielding varities of paddy under rice – wheat system.	01	05
	Wheat	Evaluation of higher yielding varities of wheat under late sown condition.	01	04
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology	Wheat	Low organic matter in soil due to burning of crop residue	01	10
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			**03**	**19**

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	Buffalo	Evalution of different feed supplement to check the infertility in milch animals	03	03
Production and Management				
Others (Pl. specify)				
Total			**03**	**03**

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*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*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

VARIETAL EVALUATION
(Rabi 2019-20)

Problem definition Low yield under late sown condition and use of old variety.

Technology assessed or refined Evaluation of high yielding variety of wheat under late sown condition.

No. of Farmers 08

KVK, Hapur conducted on-farm trials on high yielding varieties of wheat under late sown condition.

Table : Performance of Wheat.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice PBW - 373	08	38.28	-	26183	1:1.54
T_2 – DBW 90		47.40	19.24	43963	1:1.90

Recommendation The data showed in table that T_2 (***DBW - 90)*** is more suitable in relation to yield as compared to T_1. Farmers practice (PBW 373) recommend to the farmers of Hapur area to use DBW – 90 for late sown condition good yield and against pest

Farmers reactions Use of DBW – 90 variety is good for late sown condition.

Date of Sowing & harvesting 06- 07 Dec., 2019 & 23-25 April, 2020.

OFT - 2

VARIETAL EVALUATION
(Kharif 2020)

Problem definition Low yield and use of old variety.

Technology assessed or refined Evaluation of high yielding variety of paddy under rice-wheat system of cultivation.

No. of Farmers 05

KVK, Hapur conducted on-farm trial on high yielding variety of paddy under rice-wheat system of cultivation. The result showed that PB - 1637 gave higher yield 61.84 q/ha. with net return (Rs. 25390/- per ha.).

Technology Option	No.of trials	Yield (Kg/ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice (PB 1121)	05	52.72	-	107864	1:3.31
T_2 – PB 1637		61.84	17.30	132475	1:3.72

Recommendation The data shown in table that T_2 (PB 1637) was higher grain yielder as compare to farmers practice. and recommending that PB 1121 variety of paddy may be replace by the variety PB 1637.

Farmers reactions Use of PB 1637 variety of paddy is more beneficial than other variety.

Date of nursery sowing & harvesting 15-20 July 2020 & 28-30 Oct. 2020.

OFT - 3

VARIETAL EVALUATION
(Rabi 2020-21)

Problem definition Low yield and use of old variety.

Technology assessed or refined Evaluation of high yielding variety of wheat under timely sown condition.

No. of Farmers 04

KVK, Hapur conducted on-farm trials on high yielding varieties of wheat under timely sown condition.

Table : Performance of Wheat.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice	04	48.7	-	37465	1.55
T_2 – PBW - 725		53.5	9.8	46325	1.68

Recommendation Its require more field varietal evaluation (Experiment) beause its is not highly significant to the existing popular high yielding wheat varieties. Farmers can not say anything about to adopt this variety at this stage.

Farmers reactions Use of PBW - 725 variety of wheat is more beneficial than other variety.

Date of Sowing & harvesting 20 Nov., 2020 – 23 Nov., 2020.

24 -27 April, 2021

OFT - 4

RESOURCE CONSERVATION TECHNOLOGY
(Rabi – 2020-21)

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

Technology assessed or refined To assessment of organic matter in soil through crop residue management.

No. of Farmers 10

KVK, Hapur conducted on-farm trials on Crop Residue Management in wheat crop after harvesting of sugarcane through use of Waste decomposer. The problem assessed on the basis of suitable and effective treatment for increasing the organic cabon in soil.

Table : Performance of Waste decomposer.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Parameter: No. of grains /ear	% change in Parameter: No. of grains /ear	Cost Cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
T1 - Burning of crop residue before sowing of crop (Farmers Practice)	10	44.90	-	36.60	-	39033	110310	71277	1:2.83
T2 – Waste decomposer @ 5 Lit./Acre		50.70	24.05	44.80	22.40	41575	136830	94855	1:3.29

Recommendation The maximum grain received in T2 (5.02 t/ha.) followed by 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 i.e. PH ,Ec,Available NPK and increase Gowth parameters.

Farmers reactions Farmers are convinced the Spray of waste decomposer on crop residue and organic matter increase as well as other soil physical parameter i.e. PH,Ec, Available NPK and increase Gowth parameters.

Date of Sowing & harvesting 20 – 28 Dec., 2020. & 14-15 April, 2021

OFT - 5

DAIRY NUTRIENT MANAGEMENT
(Rabi 2020-21)

Problem definition Infertility in Buffalo.

Technology assessed or refined Evalution of different feed supplement to check the infertility in milch animals.

No. of Farmers 03

KVK, Hapur conducted on-farm trial on different feed supplement to check the infertility in milch animals.

Technology Option	No.of trials	Milk prod. (lit./day)	Increase in milk prod. (%)	Lactation period in days	Gross Cost (Rs.)	Gross Return (Rs.)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice (Use of common salt)	03	11 lit.	-	180	72000	89100	17100	1:1.23
T_2 – Dewormer + Mineral mixture + Albomar + Fertisule		13 lit.	18.17%	270	84000	122850	38850	1:1.46

Recommendation T_2 - groups of buffaloes were much health due to the used mineral mixture, dewormer & fertisule as compared to T_1 – group of buffaloes were improved milk production as compared to T_1 – group of buffaloes.

Farmers reactions Farmers agree that improvement of milk production on buffaloes through the trial conducted to find as T2 – treatment used mineral mixture dewormer & fertisule were helpful to increase milk production & more conceptation rate compared to T_1 treatment of buffaloes.

Date of Distribution 20-25 Dec. 2020

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 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	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

B. Front Line Demonstration on oil seeds & pulses under NFSM

FLD - 1

Mustard

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	Mustard	- ICM	- ICM through improved seed, weed & insect management	Rabi 2020-21	20.0	20.0	04	46	50	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					
Mustard	Rabi 2020-21	Irrigated	Loam	Medium	Low	Medium	Paddy/Wheat	19-25 Oct. 2020	20 March 2021	-	-

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
Mustard	- ICM	ICM through improved seed, weed & insect management	RH 0749	50	20.0	20.5	18.3	19.8	15.6	26.9	33510	108900	75390	3.24	32610	86900	54290	2.66

. Technical feedback

1	RH 0749 is a bold seeded & high yielding variety with good oil content.
2	Grain yield has been increased due to timely sowing & no incidence of Aphids.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers are agree to mustard variety RH 0749 is good & high yielding variety.
2	Farmers are conveniced to no incidence of aphids due to timely sowing.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Farmers Training	01	20	
2.	Media coverage	01	mass	

C. Front Line Demonstration on other than oil seeds & pulses

FLD - 1

Crop production : Wheat

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	Wheat	Weed management	Use of Carfantazone 50 WP @ 22 gm/ha.	Rabi 2019-20	6.0	6.0	-	15	15	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					
Wheat	Rabi 2019-20	Irrigated	Loam	Medium	Low	Medium	Paddy/Urd	17-18 Dec. 2019	25.04.2020	-	-

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
Wheat	WM	Use of carfantazone 50 WP @ 22 gm/ha . .	HD-2967	15	6.0	49.92	41.40	45.66	39.58	13.31	36436	89037	52601	2.44	34667	77181	42514	2.23

Sale **rate – Rs. 1925 per quintal.**

a. **Technical feedback**

1	Use of Carfantazone 50 WP @ 22 gm/ha is more effictive to weed control over to control plot up to 91.30%.
2	Due to timely management of weed, the grain yield has been increased up to 13.31% over to control.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers are convinced the grain yield has been increased due to timely weed management.
2	Minimized the weed infestation.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Field Day	-	-	
2.	Farmers Training	01	20	
3	Media coverage	02	Mass	

FLD - 2
Crop production : Wheat

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	Wheat	Weed management	Use of Carfantazone 50 WP @ 22 gm/ha.	Rabi 2020-21	6.0	6.0	-	15	15	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					
Wheat	Rabi 2020-21	Irrigated	Loam	Medium	Low	Medium	Paddy/Urd	18-25 Dec. 2020	24-25 April 2021	-	-

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
Wheat	WM	Use of Carfantazone 50 WP @ 22 gm/ha..	DBW - 173	15	6.0	49.50	47.0	48.30	42.53	13.57	39950	126493	86543	3.17	38500	110537	72037	2.87

Sale rate – Rs. 1975 per quintal. & Straw – Rs. 500/q

a. **Technical feedback**

1	Use of Carfantazone 50 WP @ 22 gm/ha is more effictive to weed control over to control plot up to 91.30%.
2	Due to timely management of weed, the grain yield has been increased up to 13.57% over to control.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers are convinced the grain yield has been increased due to timely weed management.
2	Minimized the weed infestation.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Field Day	-	-	
2.	Farmers Training	01	20	
3	Media coverage	02	Mass	

FLD No. : 3
Soil Science : Wheat

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	Wheat	INM	Use of water soluble fertilizers in wheat crop	Rabi 2019-20	6.0	6.0	01	14	15	

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					
Wheat	Rabi 2019-20	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	26.11.19 to 08.12.19	14.04.20 to 16.04.20	-	-

Performance of FLD

	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
Wheat	INM.	Use of water soluble fertilizers in wheat crop	HD - 3086	15	6.0	58.50	52.0	55.79	45.4	22.89	44395	144530	104510	1:3.26	43230	122019	78109	1:2.82

Sale rate – Rs. 1925 per quintal

a. Technical feedback

S. No	Feed Back
1	Spray of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. at tillering stage,before flowering & milk stage enhance crop yield.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Three spray of water soluble fertilizer 18:18:18 NPK is very effective to enhance the yield of wheat crop.
2	This technology save the cost of cultivation i.e. Fertilizers.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	02	40	
2.	Media coverage	02	mass	

FLD No. : 4

Soil Science : 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	INM	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray)	Kharif 2020	6.0	6.0	01	14	15	

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 2020	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Wheat	05-10 July 2020	25-30 Oct. 2020	-	-

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	INM.	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray)	PB - 1509	15	6.0	68.80	50.66	59.73	48.36	23.51	47250	162293	115143	1:3.44	44500	132227	87729	1:2.97

Selling rate – Rs. 2650 per quintal

a. Technical feedback

S. No	Feed Back
1	Spray of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. at tillering stage,before flowering & milking stage enhance crop yield.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Three spray of water soluble fertilizer 18:18:18 NPK is very effective to enhance the yield of paddy crop.
2	This technology save the cost of cultivation i.e. Fertilizers.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	01	20	
2.	Media coverage	01	mass	

FLD No. : 5
Soil Science : Wheat

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	Wheat	INM	Use of water soluble fertilizers in wheat crop	Rabi 2020-21	6.0	6.0	02	13	15	

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					
Wheat	Rabi 2020-21	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	26.12.2020 to 28.12.2020	14.04.2021 to 16.04.2021	-	-

Performance of FLD

	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
Wheat	INM.	Use of water soluble fertilizers in wheat crop	DBW - 173	15	6.0	51.25	47.75	49.10	43.08	13.98	39950	128483	88533	3.22	38500	111918	73418	2.91

Sale rate – Rs. 1975 per quintal. & Straw – Rs. 500/q

a. Technical feedback

S. No	Feed Back
1	Spray of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. at tillering stage,before flowering & milking stage enhance crop yield.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Three spray of water soluble fertilizer 18:18:18 NPK is very effective to enhance the yield of wheat crop.
2	This technology save the cost of cultivation i.e. Fertilizers.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	01	20	
2.	Media coverage	01	mass	

FLD No. : 6

Plant Breeding: Wheat

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	Wheat	Promoting high yielding variety of wheat	To demonstrate the yield potential of new variety – HD 3059	Rabi 2019-20	1.0	1.2	-	12	12	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					
Wheat	Rabi 2019-20	Irrigated	Sandy loam and loam	Low	Medium	Medium	Paddy	20-12-19 to 25-12-19	18-21 April 2020	-	-

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
Wheat	Promoting high yielding variety of wheat	To demonstrate the yield potential of new variety. .	HD 3059	12	1 .2	52.92	49.32	51.12	43.86	14.20	57400	99684	42284	1:1.74	52400	85527	33127	1:1.63

Sale rate – Rs. 1925 per quintal.

a. **Technical feedback**

1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Vareity HD 3059 is higher yielder as compared to variety PBW - 373.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	02	40	
2.	Media coverage	-	-	

FLD No. : 7

Plant Breeding: Wheat

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	Wheat	Promoting high yielding variety of wheat under timely sown condition	To demonstrate the yield potential of wheat variety under timely sown condition Variety – HD 3086	Rabi 2020-21	2.8	2.8	-	07	07	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					
Wheat	Rabi 2020-21	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	13.11.2020 to 18.11.2020	20-25 April 2021	-	-

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
Wheat	Promoting HYV of wheat under timely sown condition	To demonstrate the yield potential of wheat variety under timely sown condition.	HD 3086	07	2.8	59.0	56.0	58.1	53.6	10.4	69500	125295	55795	1.80	68500	112570	44070	1.64

Sale rate – Rs. 1950 per quintal.

a. **Technical feedback**

1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Vareity HD 3086 is higher yielder as compared to variety PBW - 373.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	02	40	
2.	Media coverage	-	-	

FLD No. : 8
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	IPM	Control of Brown plant hopper in paddy through Buprofezin 25 SC (Two Spray) @ 0.8 lit/ha.	Kharif 2020	4.0	4.0	3	7	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 2020	Irrigated	Loam	Low	Low	Medium	Toria, Wheat	06-12 July. 2020	25-30 Oct.2020	-	-

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	IPM	Control of Brown plant hopper in paddy through Buprofezin 25 SC (Two Spray) @ 0.8 lit/ha.	PB 1509	10	4.0	59.58	56	57.84	48.65	18.90	47250	157502	110252	1:3.34	44500	133012	88512	1:2.99

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	22	
2	Media coverage	01	Mass	

FLD No. : 9
Live Stock : Barseem

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	Barseem	Feed and Fodder technology	Use of High yield Variety	Rabi 2020-21	1.0	1.0	01	09	10	

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					
Barseem	Rabi 2020-21	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	18 Nov to 20 Nov. 2020	29 Dec. 2020 to March 2021	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha		Increase in yield (%)	Other parameter		Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						Demo	Check		Demo	Check	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
Barseem	Feed and Fodder technology	Use of High yield Variety	BL - 42	10	1.0	700	550	27.27	07 cutting	05 Cutting	15000	47200	32200	3.14	14000	41000	27000	2.92

a. Technical feedback

S.No	Feed Back
1	Improved variety of Berseem BL- 42 is used very essential. The new variety of berseem is helpful to increased fodder production.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers agree that Berseem Variety BL – 42 was more fodder production as compared to other variety of Berseem. The berseem BL -42 was produce long term fodder more than two cuttinga compared to other variety of Berseem.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Field Days	01	22	
2	Media coverage	01	Mass	

III. (A) Achievements on Training (Jan. 2020 to Dec. 2020)
Brief Achievement of Training

Discipline	No. of courses	Others			SC/ST			G.Total
		Male	Female	Total	Male	Female	Total	
Practicing Farmers & Farm Women On Campus								
Crop Production	03	53	-	53	07	-	07	60
Soil Sciene	04	72	-	72	08	-	08	80
Plant Breeding	01	16	-	16	04	-	04	20
Plant protection	01	18	-	18	02	-	02	20
Live stock	01	18	-	18	02	-	02	20
Total	**10**	**177**	**-**	**177**	**23**	**-**	**23**	**200**

Practicing Farmers & Farm Women Off Campus								
Crop Production	04	74	-	74	06	-	06	80
Soil Sciene	05	92	-	92	08	-	08	100
Plant Breeding	02	39	-	39	01	-	01	40
Plant protection	02	39	-	39	01	-	01	40
Live stock	03	57	-	57	03	-	03	60
Total	**16**	**301**	**-**	**301**	**19**	**-**	**19**	**320**

Rural Youth								
Crop Production	02	20	-	20	-	-	-	20
Soil Sciene	02	20	-	20	-	-	-	20
Plant Breeding	-	-	-	-	-	-	-	-
Plant protection	-	-	-	-	-	-	-	-
Live stock	01	10	-	10	-	-	-	10
Total	**05**	**50**	**-**	**50**	-	-	-	**50**

Extension functionaries								
Crop Production	01	08	-	08	02	-	02	10
Soil Sciene	04	38	-	38	02	-	02	40
Plant Breeding	01	10	-	10	-	-	-	10
Plant protection	01	08	-	08	02	-	02	10
Live stock	03	28	-	28	02	-	02	30
Total	**10**	**92**	**-**	**92**	**08**	**-**	**08**	**100**

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	01	20	-	20	-	-	-	20	-	20
Resource Conservation Technology	01	13	-	13	07	-	07	20	-	20
Cropping system	01	20	-	20	-	-	-	20	-	20
Micro irrigation/ irrigation										
Nursery management										
Integrated Crop Management										
Integrated nutrient management										
Others (Plant Breeding)	01	16	-	16	04	-	04	20	-	20
Total	**04**	**69**	**-**	**69**	**11**	**-**	**11**	**80**	**-**	**80**
II. Horticulture										
(a) Vegetable crops										
Nursery raising										
Others - - Production technology	-	-	-	-	-	-	-	-	-	-
Total (a)	-	-	-	-	-	-	-	-	-	-
(b) Fruits										
Training & Pruning	-	-	-	-	-	-	-	-	-	-
Manag. of young orchards	-	-	-	-	-	-	-	-	-	-
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	01	19	-	19	01	-	01	20	-	20
INM	03	53	-	53	07	-	07	60	-	60
Production & use of organic inputs										
Micro-nutrient deficiency in crops										
Balance use of fertilizers										
Soil & Water testing										
Total	**04**	**72**	**-**	**72**	**08**	**-**	**08**	**80**	**-**	**80**
IV. Livestock Production and Management										
- Feed & fodder technology	01	18	-	18	02	-	02	20	-	20
Total	**01**	**18**	**-**	**18**	**02**	**-**	**02**	**20**	**-**	**20**
VII. Plant Protection										
- IPM	01	18	-	18	02	-	02	20	-	20
- IDM	-	-	-	-	-	-	-	-	-	-
Total	**01**	**18**	**-**	**18**	**02**	**-**	**02**	**20**	**-**	**20**
XI. Agro forestry										
- Production technology	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (pl specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**10**	**177**	**-**	**177**	**23**	**-**	**23**	**200**	**-**	**200**

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
Resource Conservation Technology	01	20	-	20	-	-	-	20	-	20
Croping System	01	18	-	18	02	-	02	20	-	20
Integrated Crop Management	01	20	-	20	-	-	-	20	-	20
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
Others (Plant Breeding)	02	39	-	39	01	-	01	40	-	40
Total	**06**	**113**	**-**	**113**	**07**	**-**	**07**	**120**	**-**	**120**
II. Horticulture										
(a) Vegetable crops										
Others (Production technique)	-	-	-	-	-	-	-	-	-	-
Total (a)	-	-	-	-	-	-	-	-	-	-
(b) Fruits										
- Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Others (**Nursery Management)**	-	-	-	-	-	-	-	-	-	-
Total (b)	-	-	-	-	-	-	-	-	-	-
(c) Ornamental plants	-	-	-	-	-	-	-	-	-	-
Total (c)	-	-	-	-	-	-	-	-	-	-
(e) Tuber Crops										
- Production & Management Tech.	-	-	-	-	-	-	-	-	-	-
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	02	33	-	33	07	-	07	40	-	40
Production & use of organic inputs	01	20	-	20	-	-	-	20	-	20
Integrated water management	02	39	-	39	01	-	01	40	-	40
Balance use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil & Water testing	-	-	-	-	-	-	-	-	-	-
Total	**05**	**92**	**-**	**92**	**08**	**-**	**08**	**100**	**-**	**100**
IV. Livestock Production and Management										
Dairy Management	02	40	-	40	-	-	-	40	-	40
Animal Nutrition Management	01	17	-	17	03	-	03	20	-	20
Total	**03**	**57**	**-**	**57**	**03**	**-**	**03**	**60**	**-**	**60**
VII. Plant Protection										
- IPM	-	-	-	-	-	-	-	-	-	-
- IDM	02	39	-	39	01	-	01	40	-	40
Total	**02**	**39**	**-**	**39**	**01**	**-**	**01**	**40**	**-**	**40**
XI. Agro forestry										
- Production technology	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**16**	**301**	**-**	**301**	**19**	**-**	**19**	**320**	**-**	**320**

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	02	36	-	36	04	-	04	40	-	40
Resource Conservation Technology	02	33	-	33	07	-	07	40	-	40
Cropping system	02	38	-	38	02	-	02	40	-	40
Micro irrigation/ irrigation	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	01	20	-	20	-	-	-	20	-	20
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
Others (Plant Breeding)	03	55	-	55	05	-	05	60	-	60
Total	**10**	**182**	**-**	**182**	**18**	**-**	**18**	**200**	**-**	**200**
II. Horticulture										
(a) Vegetable crops										
Nursery raising	-	-	-	-	-	-	-	-	-	-
- Others Production technology	-	-	-	-	-	-	-	-	-	-
Total (a)	-	-	-	-	-	-	-	-	-	-
(b) Fruits										
Nursery Mangt.	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Manag. of young orcgards	-	-	-	-	-	-	-	-	-	-
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	01	19	-	19	01	-	01	20	-	20
INM	05	86	-	86	14	-	14	100	-	100
Production & use of organic inputs	01	20	-	20	-	-	-	20	-	20
Integrated water management	02	39	-	39	01	-	01	40	-	40
Balance use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil & Water testing	-	-	-	-	-	-	-	-	-	-
Total	**09**	**164**	**-**	**164**	**16**	**-**	**16**	**180**	**-**	**180**
IV. Livestock Production and Management										
Dairy management	02	40	-	40	-	-	-	40	-	40
Animal Nutrional management	01	17	-	17	03	-	03	20	-	20
Feed & Fodder management	01	18	-	18	02	-	02	20	-	20
Total	**04**	**75**	**-**	**75**	**05**	**-**	**05**	**80**	**-**	**80**
VII. Plant Protection										
- IPM	01	18	-	18	02	-	02	20	-	20
- IDM	02	39	-	39	01	-	01	40	-	40
Total	**03**	**57**	**-**	**57**	**03**	**-**	**03**	**60**	**-**	**60**
XI. Agro forestry										
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**26**	**478**	**-**	**478**	**42**	**-**	**42**	**520**	**-**	**520**

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	-	-	-	-	-	-	-	-	-	-
Planting Material Prod.	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Bee Keeping	-	-	-	-	-	-	-	-	-	-
Seed Production (Rice, wheat, urd & Mustard)	-	-	-	-	-	-	-	-	-	-
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	03	30	-	30	-	-	-	30	-	30
Vermi composting	-	-	-	-	-	-	-	-	-	-
Planting Material Prod.										
Mushroom production	01	10	-	10	-	-	-	10	-	10
Bee Keeping										
Seed Production (Rice)										
Dairying										
Sheep and **goat rearing**										
Poultry production	01	10	-	10	-	-	-	10	-	10
Grand Total	**05**	**50**	**-**	**50**	**-**	**-**	**-**	**50**	**-**	**50**

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	03	30	-	30	-	-	-	30	-	30
Vermi composting	-	-	-	-	-	-	-	-	-	-
Press mud composting										
Mushroom production	01	10	-	10	-	-	-	10	-	10
Bee Keeping										
Seed Production (Rice, wheat, urd & mustard)	-	-	-	-	-	-	-	-	-	-
Planting Material Production (Medicinal & Aromatic plants)	-	-	-	-	-	-	-	-	-	-
Commercial spices production	-	-	-	-	-	-	-	-	-	-
Commercial Fruit Production & Nursery	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and **goat rearing**	-	-	-	-	-	-	-	-	-	-
Poultry production	01	10	-	10	-	-	-	10	-	10
Grand Total	**05**	**50**	**-**	**50**	**-**	**-**	**-**	**50**	**-**	**50**

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	04	38	-	38	02	-	02	40	-	40
Production & use of organic inputs	-	-	-	-	-	-	-	-	-	-
Productivity enhancement in field crops	02	18	-	18	02	-	02	20	-	20
Integrated pests management	01	08	-	08	02	-	02	10	-	10
Productivity enhancement of Horticultural crops	-	-	-	-	-	-	-	-	-	-
Productivity enhancement of Agro-forestry crops	-	-	-	-	-	-	-	-	-	-
Management in farm animals	03	28	-	28	02	-	02	30	-	30
Production enhancement of medicinal & aeromatic crop	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (Seed Production)	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Grand Total	**10**	**92**	**-**	**92**	**08**	**-**	**08**	**100**	**-**	**100**

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	07	127	-	127	13	-	13	140	-	140
Commercial production of vegetables & Fruits										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management	09	164	-	164	16	-	16	180	-	180
Production of inputs at site										
Methods of protective cultivation										
Others										
Press mud composting										
Vermi composting										
Total	**16**	**291**	**-**	**291**	**29**	**-**	**29**	**320**	**-**	**320**
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 dyanamics	09	120	-	120	60	-	60	180	-	180
Others (Pl. specify)										
Total	09	120	-	120	60	-	60	180	-	180
Grand Total	**25**	**411**	**-**	**411**	**89**	**-**	**89**	**500**	**-**	**500**

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	01	10	-	10	-	-	-	10	-	10
Others (pl. specify)										
Total	**01**	**10**	**-**	**10**	**-**	**-**	**-**	**10**	**-**	**10**

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	09	138	-	138	42	-	42	180	-	180
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	**09**	**138**	**-**	**138**	**42**	**-**	**42**	**180**	**-**	**180**
Grand Total	**10**	**148**	**-**	**148**	**42**	**-**	**42**	**190**	**-**	**190**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	40	1490	26	1516
Diagnostic visits	05	58	-	58
Field Day	01	22	-	22
Group discussions	02	31	-	31
Kisan Ghosthi	12	1120	25	1145
Film Show	02	Mass	Mass	Mass
Self -help groups	01	28	-	28
Kisan Mela	01	205	06	211
Exhibition	01	205	06	211
Scientists' visit to farmers field	72	216	-	216
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	01	205	-	205
Method Demonstrations	01	50	-	50
Celebration of important days “Swachhita” Pakwada	16	298	-	298
Special day celebration (Kisan Samman Divas)	01	216	06	222
Others (pl. specify)				
Live telecast of Inaugration of Academic Building (RLBCAU, Jhansi)	01	15	05	20
Live streaming – PM Kisan Nidhi	01	18	02	20
World Women Day	01	36	05	41
World Food Day	01	31	03	34
Foundation Day (SVPUA&T, Meerut)	01	17	-	17
Poshan Mah	05	291	-	291
World soil Day	01	08	25	33
Sushan Diwas	01	165	04	169
Visit of farmers & farmer group to KVK	166	585	-	585
Lecture delivered	11	454	-	454
Total	**345**	**5754**	**113**	**5877**

A. Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	05
News paper coverage	19
Popular articles	-
Radio Talks	01
TV Talks	03
Animal health amps (Number of animals treated)	-
Others (pl. specify) Research Paper/Extension lit. Distributed	05
Total	**33**

B. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Lives tock	Weather	Marke-ting	Aware-ness	Other enterp rise	Total
Hapur	Text only							
	Voice only	412				Varietal & pest		
	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
01	Gosthi	04	151	Mustard, Wheat & Sugarcane

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
Cereals	**Rabi 2019-20 (Wheat)**	**WB-02**		**26.05**	**60045**	Auction
Total				**26.05**	**60045**	
Oilseeds	**Rabi 2019-20** (Mustard)	**Pioneer 45S42 & 45S46**		74.45	276210	Auction
Pulses						
	Total			**74.45**	**276210**	
G.Total				**100.50**	**336255**	

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

Others (Seed Mixture)						
Grand Total						

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 Kg	Value (Rs.)	No. of Farmers
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	**122**	**122**	**18**	**-**
Water				
Plant				
Manure				
Others (pl.specify)				
Total	**122**	**122**	**18**	**-**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Krishi Vigyan Kendra, Hapur (17th Jan. 2020)	01

IX. NEWSLETTER

Name of KVK	Number of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	-
Technical bulletins	-
Technical reports	04
Others (pl. specify) Article & Leaflets	05
Toatl	**09**

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	**04**	**151**	**08**	**334**	**01**	**22**	**03**	**906**	**01**	**205**	**02**	**45**

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
Total				

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
Online Zoom Review meeting of various programmes implemented by KVKs of U.P	01	01	01
Total	01	01	01

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

1. **Case Study**

In case of diversification with large scale promotion of mushroom grower of sri vikas tyagi s/o sri chandra prakash tyagi vllage &Tahsil –Garh District Hapur prograssive farmer he was selected for demonstration of mushroom cultivation.Earlier he was civil contracter in Govt.of U.P. after this he was started to cultivation of traditional method of mushroom and he earn low income.

Plan impliment and suport

To keen interest of sri vikas tyagi for cultivation of mushroom at large scale he contact to KVK Hapur (earlier to Hapur tahsil of Ghaziabad). KVK hapur provided to technical suport for cultivation and marketing of mushroom, somany time practical demonstration faciliated fromDr Gopal Singh Prof.(Plant pathology) & incharge mushroom production unit SVPUA&T Meerut U.P. Mr Vikas Tyagi to started large scale mushroom production in Sept 2019 in the chairmanship of Hon ble Vice Chancellor Prof. Gaya Prasad and supervisionship of Dr S.K,Sachan Director Extension with technical suport of Dr H.R.Singh Prof. &Head KVK Hapur and Dr Gopal Singh Prof.(Plant pathology) & incharge mushroom production unitv SVPUA&T Meerut U.P.

Output

Mushroom production was started at small scale with the technical suport of KVK Ghaziabad.Scope & demond of market he started large scale production and established c with financial suport of bank sri Vikas Tyagi started production from 05 Kg mushroom per day get average rate Rs125.00-130.00 per Kg total income of Rs 625.00-650.00 per day.Now adays he produce average 300 Kg per day in whole years got gross income Rs 37500.00perday expenditure Rs 16500.00 , take net income Rs 21000.00 perday and employed 8-10 manpower per day.

Impact

Mr Vikas Tyagi is becoming one of the progressive and learned farmers for other regards to high tech & quality mushroom production, popularization with solar base.This technology helps him for livelihood,empowerment and make him enthusiastic regards 15 mushroom production unit establised in Hapur and neghboring district.He is one of progressive farmer after a becoming a part of KVK activities and get their effectiveness for his own development of high tech production and marketing training centre namly Manyuk Agro processing &production centre Garh Hapur . Mr Vikas Tyagi is very happy with this improved production and management technology and set for the example for other farmer of the district.


भा.कृ.अनु.प. – खुम्ब अनुसंधान निदेशालय
ICAR-DIRECTORATE OF MUSHROOM RESEARCH
(Indian Council of Agricultural Research)
Chambaghat, Solan (H.P.) – 173213
Certificate
This Certificate is awarded to
Mr. Vikas Tyagi
has successfully completed the Training Course on
"Mushroom Production Technology
for Farmers and Unemployed Youths-I " held at
ICAR-Directorate of Mushroom Research, Solan
from 12th – 18th May, 2016.
Date: 18.05.2016
Place: Solan
Sh. Sudhier Kumar Annepu
Course Coordinator
Dr. Satish Kumar
Course Director
Dr. VP Sharma
Director


मशरूम का नियमित सेवन
अच्छी सेहत का राज

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 √ 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 (Jan 2020 to Dec 2020)

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 specifiy									
	Advisory services through mobile								-	-

D.2 . Publications (Print & Electronic media) (Jan 2020 to Dec 2020)

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 (Jan 2020 to Dec 2020)

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 (Jan 2020 to Dec 2020)

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	122
02	Plant diagnostics	58
03	Details about the services to line Departments	Inspection of Agri. & Horticulture Dept. farms
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 (Jan 2020 to Dec 2020)

S. No.	Details of workshop/meeting conducted	No. of KVKs participated
1		

C. Visits made by DE / Officials in the Directorate to KVKs (Jan 2020 to Dec 2020)

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

D. Overseeing of KVKs activities (Jan 2020 to Dec 2020)

S. No.	Particulars	Number of fields visited	Major observations / remarks	Major suggestions given
01	On Farm Trials	01	Appreciated	-
02	Front Line Demonstration	01	Appreciated	Before conducting demonstration Soil testing must be done
03	Others pl. specify Hon'ble VC sir	01	- Standing crop - Wheat & Mustard crop - Appreciated all activities	- Crop resuduce should not burn - Herbal Garden & Natural Farming develop by KVK

E. Publication on Technology inventory (Jan 2020 to Dec 2020)

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

F. Technological Products provided to KVKs(Jan 2020 to Dec 2020)

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	

XVI Achievement of Special programmes

1) Achievement of skill development training funded by DAC&FW - NA

S. No.	Name of QP/Job role	Duration (hrs)	No. of Courses Organised	No. of Participants						
				SCs/STs		Others		Total		TOTAL
				Male	Female	Male	Female	Male	Female	
1	Agriculture Extension Service Provider	200								
2	Agriculture Machinery Demonstrator	200								
3	Agriculture Machinery Operator	200								
4	Agriculture Machinery Repair and Maintenance Service Provider	200								
5	Animal Health Worker	300								
6	Aquaculture Technician	200								
7	Aquaculture Worker	200								
8	Aquarium Technician	200								
9	Artificial Insemination Technician	400								
10	Assistant Gardener	200								
11	Beekeeper	200								
12	Brackwishwater Aquaculture Farmer	210								
13	Broiler Farm Worker	200								
14	Citrus Fruit Grower	200								
15	Community Service Provider	200								
16	Dairy Farmer - Entrepreneur	200								
17	Fish Seed Grower	210								
18	Floriculturist - Open cultivation	200								
19	Floriculturist - Protected cultivation	200								
20	Forest Nursery Raiser	200								
21	Freshwater Aquaculture Farmer	200								

22	Friends of Coconut Tree	200								
23	Greenhouse Operator	200								
24	Group Farming Practitioner	200								
25	Harvesting Machine Operator	200								
26	Hatchery (Fishery) Production Worker	200								
27	Layer Farm Worker	200								
28	Mango Grower	200								
29	Medicinal Plants Cultivator	200								
30	Micro Irrigation Technician	200								
31	Mushroom Grower	200								
32	Nursery Worker	200								
33	Organic Grower	200								
34	Ornamental Fish Technician	200								
35	Packhouse Worker	200								
36	Quality Seed Grower	200								
37	Seed Processing Plant Technician	200								
38	Sericulturist	200								
39	Service and Maintenance Technician-Farm Machinery	205								
40	Shrimp Farmer	240								
41	Small poultry farmer	240								
42	Soil & Water Testing Lab Analyst	240								
43	Soil & Water Testing Lab Assistant	200								
44	Supply Chain Field Assistant	200								
45	Tea Plantation Worker	200								
46	Tractor Operator	200								
47	Vermicompost Producer	200								
	TOTAL									

2) Achievements under Crop Residue Management (CRM) Project by KVKs - NA

a) CRM Machinery procured by KVKs

S.No.	Name of the Machine/ Equipment	No. of machines procured
1	Happy Seeder	
2	Reversible M.B. Plough	
3	Paddy Straw Chopper/ Shradder / Mulcher	
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
	Total	

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
	Kisan Melas organized		
1.	Awareness programmes conducted at Village Panchayat/ Block/ District Level		
2.	Mobilization of schools and colleges through essay completion, painting, debate etc.		
3.	Demonstration conducted (ha)		
4.	Training Programmes conducted		
5.	Exposure visits organized		
6.	Field /harvest days organized		
	Total		

b) Other IEC activities organized under CRM Project by KVKs - NA

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	
4.	Poster/Banner placed	
5.	Publicity material - leaflets/ pamphlets etc. distributed	
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	
	Total	

3) Acievment of TSP (Tribal Sub Plan) - NA

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/De	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas) - NA

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training

5) Achievements of SCSP KVKs - NA

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						

6) Achievement under IFS KVKs

Sl. No.	IFS (Component Name)	No. of IFS established	Area (ha)	Number of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1	Paddy, Mustard + Banana	01	15	02	01	20	20
2	Agriculture + horticulture + floriculture under protected cultivation	03	8.6	01	02	15	40
3							

7) Achievements under Mera Gaon Mera Gaurav (MGMG) project

No. of institutes/ universities involved	Total No of Groups/team formed	No. of Scientists Involved	No. of villages covered	No. of field activities conducted	No. of messages/ advisory sent	Farmers benefited (No.)
01	01	04	03	06	258	258

8) Achievements of Farmers FIRST programme - NA

NRM Module		Crop Module		Horticulture Module		Livestock & Poultry			IFS Model		Extension Activities	
Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	No of Animals	Demon.	No Farm Families	No. of prog	Farmers

9) Activities performed under NARI programme

Activities	Number of activity	No. of farmers/ beneficiaries
OFTs – Nutritional Garden (activity in no. of Unit)		
OFTs – Bio-fortified Crops (activity in no. of Unit)		
OFTs – Value addition (activity in no. of Unit/Enterprise)		
OFTs - Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)		
FLDs – Nutritional Garden (activity in no. of Unit)		
FLDs – Bio-fortified Crops (activity in no. of Unit)		
FLDs – Value addition (activity in no. of Unit/Enterprise)		
FLD- Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)		
Trainings		
Extension Activities		
Grand Total		

10) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	0.00122	0.00122	0.00018		
Water					
Plant					
Manure					
Total					

11) Achievements under NICRA Project - NA

NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers

12) Achievements under ARYA Project - NA

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female
Mushroom production						
Fruits and vegetable processing units,						
Horticulture nursery						
Fish farming						
Poultry						
Goat farming						
Piggery						
Duck farming						
Bee keeping						
Others if any						

13) Achievements under Rainwater Harvesting Structures - NA

Sr. No.	Activities	Number
1	Training programmes	
2	Demonstration	
3	Plant materials produced	
4	Visit by farmers	
5	Visit by officials	

14) Achievements under Pulses Seed Hub programme - NA

Season/Crop	Name of Pulse crop	Variety	Production			Category of seed (F/S, C/S)
			Target (q)	Area sown (ha)	Actual Production (q)	
Kharif	Black gram					
	Green Gram					
	Pigeon pea					
Total (Kharif)						
Rabi	Chick pea					
	Field pea					
	Lentil					

Total (Rabi)						
Summer	Black gram					
Total (Summer)						
Grand Total						

15) NEMA (New Extension Methodologies and Approaches) - NA

Name of Crop with variety	No. of districts	No. of Villages selected	No. of Blocks	No. of household selected	
				Adapter household	Non adapter household

16) Achievements under CSISA (Cereal System Initiative for South Asia) project - NA

S.No.	Name of Programme	Number/quantity
1	Plantation by paddy uppulling	
2	DSR	
3	Laser leveler	
4	Training	
5	Kisan Mela	
6	Seminar	
7	Seed production (q)	

17) Achievements under NIFTD (National Initiatives for fodder technology demonstrations) - NA

Name of fodder	Variety	Production (q)	Training courses	No. of farmers benefitted

18) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons paticipated
1	Toilet maintenance		
2	Road, drain cleaning		
3	Garbage disposal		
4	Door to door awareness	08	145
5	Awareness campaign	05	110
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans		
10	Composting		
11	Other		
12	Gosthies	02	43
13			

19) Achievements under Aspirational District Scheme - NA

Name of programme	Number
Training	
Session No.	
No. of farmers	
Officers/staff involved	
Seed & Plant Distribution	
Programme number	
Seed distribution in q	
No. of plant distributed	
Biological products distributed	
No. of programme organised	
No. of farmers	
Officers/staff involved	
Animal husbandra & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

XVI Awards - NA

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received

Note: Please also mention name of farmer who received the award.

Annexure - 1

Details of Training Programme

(i) ON 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											
Soil Science	i. Importance of macro & micro-nutrient in S.cane.	18 Feb. 2020	PF	1	On	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
IIIrd Quarter											
Crop Production	i. Weed management in paddy	24 July 20	PF	1	On	18	-	18	2	-	2
Soil Science	i. Importance of water soluble fertilizer in paddy.	18 Sept. 20	PF	1	On	18	-	18	2	-	2
	ii. Importance of sulphur in oilseed crop production.	25Sept. 20	PF	1	On	18	-	18	2	-	2
Plant breeding	i Improved varieties of autumn sugarcane and their production technique.	21 Sept. 20	PF	1	On	18	-	18	2	-	2

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											
Crop Production	i. Conserve and decompose the crop residual for in riching in organic carban in soil.	10 Oct. 20	PF	1	On	18	-	18	2	-	2

LPM	i. Balance feeding of cattle and buffaloes.	6 Oct. 20	PF	1	On	18	-	18	2	-	2
Soil science	i. Crop residue management.	21 Oct. 20	PF	1	On	18	-	18	2	-	2
Plant Protection	i. Integrated insect & disease management in rabi pulses.	16 Nov. 20	PF	1	On	18	-	18	2	-	2
Plant Breeding	i. New varieties of wheat under late sown condition and their production technique	17 Nov. 20	PF	1	On	18	-	18	2	-	2

(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											
Crop Production	i Ratoon management of sugarcane crop	28 Jan.20	PF	1	Jahdina	20	-	20	-	-	-
	ii Production tech. of inter crop in spring sugar cane.	3 Feb. 20	PF	1	Kaniya	20	-	20	-	-	-
Soil Science	i. Foliar spray of water soluble fertilizers in late wheat	11Jan. 20	PF	1	Kaniya	20	-	20	-	-	-
Plant protection	i. Technique and importance of Seed treatment in *zaid* crops	12 Feb. 19	PF	1	Sikhera	19	-	19	01	-	01

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											
LPM	Feeding management in dairy animal.	29 Sept. 20	PF	1	Bajeda Kama	18	-	18	2	-	2
Soil Science	i. Technique of vermin and Nadep compost production Use of sulphur in pulse crops.	27July 20	PF	1	Babugarh	18	-	18	2	-	2
	ii. Water management through mulching	04 Aug. 20	PF	1	Khadkhadi	18	-	18	2	-	2
Plant breeding	i. New varieties of sugarcane and their production technique	14 Sept. 20	PF	1	Kaniya	18	-	18	2	-	2

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											
Crop Production	Production technology of timely sown wheat	26 Oct. 20	PF	1	Atoota	18	-	18	2	-	2
	Weed management in wheat	04 Dec. 20	PF	1	Anwarpur	18	-	18	2	-	2
LPM	Care and feed of newly born calves.	09 Nov. 20	PF	1	Kaniya	18	-	18	2	-	2
	Care of milch animals and calves in winter season.	11 Dec. 20	PF	1	Atoota	18	-	18	2	-	2
Soil Science	i. Importance of water soluble fertilizers in rabi crops	29 Oct. 20	PF	1	Kaniya	18	-	18	2	-	2
	ii. Water saving techniques Importance of soil testing.	16 Nov. 20	PF	1	Asooda	18	-	18	2	-	2
Plant breeding	i. Improved varieties of wheat and their production technique.	08 Dec. 20	PF	1	Shyampur	18	-	18	2	-	2
Plant Protection	i. Management of early and late blight disease in potato	18 Dec. 2020	PF	1	Sikhera	18	-	18	2	-	2

(iii) 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
Ist Quarter												
Soil Science	Nadep & Vermi compost production	08-12 Feb. 20	Promotion of organic manure	RY	5	Sadarpur	10	-	10	-	-	-

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												
Soil Science	Nadep & Vermi compost production	13-17 July 2020	promotion of organic manure	RY	5	Kaniya	13	-	13	2	-	2
Crop production	Production technique of BGA and Azola.	24-28 Aug 20	Organic manaure	RY	5	KVK	13	-	13	2	-	2
	Mushroom Prod.	22-26 Sept. 20	Technique of compost production for Mushroom.	RY	5	KVK	13	-	13	2	-	2
IVth Quarter												
LPM	Poultry production	01-05 Dec 2020	Techniques of Poultry farming	RY	5	Kaniya	13	-	13	2	-	2

(iv) 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											
Crop production	Production technology of inter crop in spring S.cane	20 Feb 2020	EF	1	Off	8	-	8	2	-	2
Soil Science	IPNM in zaid vegetable.	21 Jan 2020	EF	1	Off	8	-	8	2	-	2
	Use of fertilizers on the bases of soil test.	10 Feb. 2020	EF	1	Off	8	-	8	2	-	2
Plant protection	Integrated pest management technique in Zaid crops.	24 Jan. 2020	EF	1	/Off	8	-	8	2	-	2

IIIrd quarter											
LPM	Importance of vaccination in farm animals	25 Aug. 20	EF	1	Off	13	-	13	2	-	2
	Importance of mineral vitamins in animal feeds	30 Sept. 20	EF	1	Off	13	-	13	2	-	2
Soil Science	Use of sulphur in oil seed crop.	19 Aug. 2020	EF	1	Off	13	-	13	2	-	2

IVth Quarter											
LPM	Use of mineral mixture and its importance for milch animals	03 Oct. 20	EF	1	Off	13	-	13	2	-	2
Soil Science	Use of water soluble fertilizers in wheat.	05 Dec 2020	EF	1	Off	13	-	13	2	-	2
Plant Breeding	Improved varieties of wheat and their production technique under late sown	21 Nov. 2020	EF	1	Off	13	-	13	2	-	2