PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan-2021-Dec-2021)

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	73	1460	-	1460
Rural youths	08	80	-	80
Extension functionaries	18	180	-	180
Sponsored Training	37	790	-	790
Vocational Training	17	260	-	260
Total	153	2770	-	2770

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	25	10.0	-
Pulses	25	10	-
Cereals	80	32.0	-
Vegetables	25	2.0	-
Other crops	35	3.2	-
Hybrid crops	-	-	-
Total	190	57.2	-
Livestock & Fisheries	10	-	10
Other enterprises	-	-	-
Total	10	-	10
Grand Total	**200**	**57.2**	**10**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	03	20	20
Livestock	01	05	05
Various enterprises	01	03	03
Total	05	28	28
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**05**	**28**	**28**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	242	8072
Other extension activities	46	Mass
Total	288	8072

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	502				Vrietal & Pest		502
	Voice & Text both							
	Total Messages	**502**						
	Total farmers Benefitted	**502**						

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	129.37	434553.00
Planting material (No.)	20000	2650.00
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

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

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	05
2	Conferences	-
3	Meetings	01
4	Trainings for KVK officials	-
5	Visits of KVK officials	04
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. 2021)

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	193800	01.7.10	Permanent	9411263753	54	drhansraj67@gmail.com
2	Subject Matter Specialist	Dr. P. K. Madke	SMS/Asst. Prof	A.H & Dairying	15600-39100	98200	27.06.08	**Permanent**	8920593039	47	dr.madke74@gmail.com
3	Subject Matter Specialist	Dr. Laxmi kant	SMS/Asst. Prof.	Plant breeding	15600-39100	98200	01-01-2008	Permanent	9457085593	50	laxmikant1965@yahoo.co.in
4	Subject Matter Specialist	Dr. Vijnedra Pal	SMS/Asst. Prof.	Horticulture	15600-39100	98200	20-08-2008	Permanen	9456662212	50	dvpgangwar77@gmail.com
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	55200	01-09-2007	Permanent	9412060554	47	nagendrapratap1973@gmail.com
10	Farm Manager	Dr. Ashok	Farm Manager	Soil Science	9300-34800	55200	30-07-2007	Permanent	9412405845	48	drashoksengar123@gmail.com
11	Accountant / Superintendent	-	-	-	-	-	-	-	-	-	-
12	Stenographer/ computer operator	-	-	-	-	-	-	-	-	-	-
13	Driver	Sri Mukesh	Driver	-	5200-20200	37000	04.09.21 at KVk Hapur	Permanent	9458739410	45	-
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 चतुर्थ बैठक का आयोजन दिनांक – 23 नवम्बर, 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 गोपाल सिंह	संयुक्त निदेशक प्रसार प्रसार निदेशलय स0व0प0 कृषि एवं प्रौ0, वि0वि0, मेरठ	i. जिले में गठित एफ0पी0ओं को मशरूम के लाभ एवं मशरूम एक सफल व्यवसाय बनाने के लिये प्रशिक्षण आयोजित करने का सुंझाव दिया।	समस्त वैज्ञानिक
2	डा0 राघवेन्द्र सिंह	प्रधान वैज्ञानिक (उद्यान), आई0सी0ए0आर0 – अटारी, कानपुर	(क) खनिज मिश्रण एवं डिवार्मिग द्वारा दुधारू पशुओं में बाझपन रोग नियंत्रण विषय पर लगायी गयी ओ0एफ0टी0 के परिणामों में उत्पादन लागत के परिणामों को पुनः विश्लेषण करने के सुझाव दिया।	डा0 पी0के0मडके वि0व0वि0 / सहा0प्रा0 (पशु विज्ञान)
			(ख) उच्च उत्पादन गुणवत्ता गेहूँ प्रजाति का बीज ओ0एफ0टी0 में देने का सुझाव दिया।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)

	डा0 राघवेन्द्र सिंह	**प्रधान वैज्ञानिक (उद्यान), आई0सी0ए0आर0 – अटारी, कानपुर**	(ग) बासमती धान को क्या हापुड़ जनपद के भौगोलिक क्षेत्र (GI) में उगाये जाने की संस्तुति है या नही।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)
	डा0 राघवेन्द्र सिंह	**प्रधान वैज्ञानिक (उद्यान), आई0सी0ए0आर0 – अटारी, कानपुर**	(घ) करनाल बंट एवं पीला रतुआ रोग रोधक गेहूँ की प्रजातियों का चयन कर प्रथम पंक्ति प्रर्दशन, ओ0एफ0टी0 एवं प्रशिक्षण कार्यक्रम आयोजित किये जायें।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)
3	**डा0 बी0बी0द्विवेदी**	**उपनिदेशक कृषि, हापुड**	i. फसल अवशेष प्रबंधन पर प्रशिक्षण आयोजित करने का सुझाव दिया।	समस्त वैज्ञानिक
4	**डा0 एस0के0शर्मा**	**जिला उद्यान अधिकारी, हापुड।**	i. केन्द्र के प्रक्षेत्र पर सब्जी क्राफ कैफेटेरिया के अन्तर्गत सब्जियों की विभिन्न प्रजातियों पर प्रदर्शन लगाने का सुझाव दिया।	डा0 वीरेन्द्र पाल गंगवार वि0व0वि0 / सहा0प्रा0 (उद्यान)
			ii. केन्द्र के प्रक्षेत्र पर सब्जियों की की नवीनतम प्रजातियों की पौध तैयार कर कृषकों को उपलब्ध कराने का सुझाव दिया।	डा0 वीरेन्द्र पाल गंगवार वि0व0वि0 / सहा0प्रा0 (उद्यान)
5	**डा0 सुरेन्द्र सिंह**	**भूमि संरक्षण अधिकारी, हापुड**	i. कृषकों के प्रक्षेत्र पर जैविक उर्वरकों को बढावा व उपयोग करने के सम्बन्ध में प्रशिक्षण आयोजित करने का सुझाव दिया ।	डा0 अशोक कुमार प्रक्षेत्र प्रबन्धक
			ii.प्राकृतिक कृषि पद्वति अपनाने हेतु कृषकों को प्रोत्साहित करने का सुझाव दिया गया ।	समस्त वैज्ञानिक
6	**डा0 एस0के0 चर्तुवेदी**	**प्रधान वैज्ञानिक, कैटल**	i. डिवर्मिंग का कार्य करे उसके बाद खनिज मिश्रण पशुओं को नियमित खिलाने चाहिये। जिससे दुग्ध उत्पादन बढेगा और पशु स्वास्थ्य रहेगा। खनिज मिश्रण पर प्रशिक्षण आयोजित किये जाये।	डा0 पी0के0मडके वि0व0वि0 / सहा0प्रा0 (पशु विज्ञान)
7	**डा0 आर0के0 सिंह**	**सहायक प्राध्यापक (पशु पालन) पशु महाविद्यालय स0व0प0 कृषि एवं प्रौ0, वि0वि0, मेरठ**	i. समय से टीकाकरण कराने के लिये प्रशिक्षण आयोजित करने का सुझाव दिया ।	डा0 पी0के0मडके वि0व0वि0 / सहा0प्रा0 (पशु विज्ञान)
8	**श्री विकास त्यागी**	**सदस्य, वैज्ञानिक सलाहकार समिति**	i. एफ0पी0ओ0 द्वारा गुणवत्तायुक्त मशरूम बीज (स्पाइन) उपलब्धता सुनिश्चित करने के लिये कहा गया और के0वी0के0 हापुड के संयुक्त प्रसार गतिविधि में प्रशिक्षण देने का सुझाव दिया।	डा0 लक्ष्मीकांत वि0व0वि0 / सहा0प्रा0 (पादप प्रजनन)

2.0 DETAILS OF DISTRICT (31st Dec., 2021)

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	2226	9.64
3.	Toria	2238.00	2229	10.25
4.	Mustard	2404	10.5	23.17
5.	Paddy (Rice)	28458	56667.00	34.33
6.	Maize	1995	48837.6	24.48
	Urd	1122.00	6911	6.16
	Moong	6500.00	23055	4.47
	Arhar	1186.00	248.8	10.8
7.	Sugarcane	36.4	833.12	920.85
B	**VEGETABLES**			
1.	Potato	1071	240.36	230.03
2.				
3.				
4.				
5.				

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

S. No.	Month	2021
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	389.23
9	Sept.	3.1
10	Oct.	15.0
11	Nov.	0.00
12	Dec.	0.00
	Total rainfall	687.46
	Average rainfall	57.28

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., 2021)

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. 2021 – Dec. 2021) 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**	**Gross Income (Rs./ha.)**	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Rabi)								
Autumn Sugar cane	835	-	-	86500	263025	292282	1:3.04	

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**	**LER**
Intercropping System(Rabi)								
Autumn Sugar cane + Potato	835	251	1474.23	172100	464382.40	192282.40	1:2.69	1.76

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *
Note- Same format may be used for OFT.

3.0 TECHNICAL ACHIEVEMENTS

3.A. Details of targeted mandatory activities by KVK during 2021

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
09	05	42 & 08 Animals	23 & 05 Animals	47.2 & 20 Animal	37.2	175	150 & 10 Animals

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	82	73	1640	1460	362	242	5439	8072
Rural youth	10	08	100	80				
Ext. Functionaries	20	18	200	180				
Sponsered traing	-	-						

Seed Production (Qtl.) (Commercial)			Planting material (Nos.)		
6			7		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	129.37	Auction	20000	20000 & 8.5 kg	41

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

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	To assess the adoptability of newly released scented rice variety for higher yield.	01	05
	Tomato	To assess the adoptability of newly released Tomato variety for higher yield	01	03
	Wheat	Assessment of new high yielding wheat varieties for NWPZ.	01	05
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			**04**	**23**

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	01	05
Production and Management				
Others (Pl. specify)				
Total			**01**	**05**

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
(Kharif 2021)

Problem definition Low yield and use of old variety.

Technology assessed or refined To assess the adoptability of newly released scented rice variety for higher yield.

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 - 1728 gave higher yield 54.8 q/ha. with net return (Rs. 75900/- 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 1509)	05	48.6	-	54440	1:1.62
T_2 – PB 1728		54.8	7.8	75900	1:1.85

Recommendation The data shown in table that T_2 (PB 1728) was higher grain yielder as compare to farmers practice. and recommending that PB 1509 variety of paddy may be replace by the variety PB 1728.

Farmers reactions Use of PB 1728 variety of paddy is more beneficial than other variety.

Date of nursery sowing & harvesting 12-16 June 2021 & 28-30 Oct. 2021.

OFT - 2

VARIETAL EVALUATION
(Rabi 2021-22)

Problem definition Low yield of wheat varieties due to Karnal bunt and yellow rust.

Technology assessed or refined Assessment of new high yielding wheat varieties for NWPZ.

No. of Farmers 05

KVK, Hapur conducted on-farm trials on high yielding wheat varieties for NWPZ.

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 (HD 2967)	05	52.4	-	54180	1.79
T_2 – DBW - 222		58.6	11.8	64770	1.93

Recommendation It requires 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 DBW 222 variety of wheat is more beneficial than other variety.

Date of Sowing 15 Nov., 2021 – 17 Nov., 2021.

& harvesting 24 -27 April, 2022

OFT - 3

VARIETAL EVALUATION
(Kharif 2021)

Problem definition Low income from Tomato.

Technology assessed or refined To assess the adoptability of newly released Tomato variety for higher yield.

No. of Farmers 03

KVK, Hapur conducted on-farm trial on adoptability of newly released Tomato variety for higher yield.

Technology Option	No.of trials	Yield (Kg/ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice (Raja)	03	245	-	179500	1:3.74
T_2 – Pusa Hybrid - 1.		300.50	22.65	230000	1:4.26

Recommendation The data shown in table that T_2 (Pusa Hybrid - 1) was higher grain yielder as compare to farmers practice. and recommending that Raja variety of tomato may be replace by the variety Pusa hybrid - 1.

Farmers reactions Use of Pusa hybrid - 1 variety of tomato is more beneficial than other variety.

Date of nursery sowing & Transplanting 15 June, 2021. & 10 July 2021.

OFT - 4

RESOURCE CONSERVATION TECHNOLOGY
(Rabi – 2021-22)

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 10– 13 Dec., 2021. & 14-15 April, 2022

OFT - 5

DAIRY NUTRIENT MANAGEMENT (Kharif 2021)

Problem definition Infertility in Buffalo.

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

No. of Farmers 05

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)	05	12 lit.	-	180 (6 months)	54000	97200	43200	1:1.8
T_2 – Dewormer + Mineral mixture + Albomar + Fertisule		13.5 lit.	13.67%	210 (7 months)	67830	129182	61352	1:1.9

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 19 Aug. 2021

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

Blackgram (Kharif – 2021)

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	Blackgram	- ICM	- ICM through improved seed, weed & insect management	Kharif 2021	10.0	10.0	01	24	25	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					
Blackgram	Kharif 2021	Irrigated	Loam	Medium	Low	Medium	Mustard/Wheat	27-31 July, 2021	08 -13 Nov. 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
Black gram	- ICM	ICM through improved seed, weed & insect management	Indira Urd - 1	25	10.0	12.0	9.4	11.6	8.4	3.8	32500	90480	57980	1:2.7	31600	72000	40400	1:1.78

Salling Price – Rs. 7800/q.

a. Technical feedback

1	Grain Yield has been increased due to uniform maturity & bold grain.
2	Sustainability for YMV.
3	Timely application of insecticide (Imidaclorpid 17.8 SL).
4	No incidence of pod borer due to timely application of insecticide (Imidaclorpid 17.8SL).
5	Very low number of weeds due to timely spraying of Imazathyper 10 EC @ 250 ml/demo.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers have give positive response about variety. Idira urd - 1 is higher grain yielder as compared to local variety
2	Farmers are convinced to timely spray of Imazathypher has been minimized the weed infestation
3	Farmers are convinced to good quality of seed if timely spray to control thr YMV.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	02	50	
2.	Media coverage	02	mass	

FLD - 2
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 2021-22	10.0	10.0	02	23	25	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 2021-22	Irrigated	Loam	Medium	Low	Medium	Paddy/Wheat	15-17 Oct. 2021	20 March 2022	-	-

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	25	10	26.5	18.0	23.5	19.0	23.6	39175	132500	93325	3.38	36850	110360	73510	2.99

Salling Price – Rs. 6250/q.

. 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 : 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	Weed management	Use of Pyrazosulfuron 10 WP @ 375gm/ha.	Kharif 2021	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					
Paddy	Kharif 2021	Irrigated	Loam	Medium	Low	Medium	Wheat	12 July 2021	22 Oct. 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
Paddy	WM	Use of Pyrazosulfuron 10 WP @ 375gm/ha..	PB 1509	15	6.0	61.50	55.60	58.51	48.74	20.05	51550	189737	138187	3.68	48500	158541	110041	3.26

Sale **rate – Rs. 1950 per quintal.**

a. **Technical feedback**

1	Use of Pyrazosulfuron 10 WP @ 375gm/ha is more effictive to weed control over to control plot up to 91.10%.
2	Due to timely management of weed, the grain yield has been increased up to 20.05% 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 2021-22	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 2021-22	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 - 187	15	6.0	49.0	43.5	46.5	42.4	9.6	38500	110675	72175	2.87	32800	82680	49880	2.52

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 9.6% 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 : 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 2021	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 2021	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Wheat	05-10 July 2021	25-30 Oct. 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
Paddy	INM.	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray)	PB - 1509	15	6.0	62.50	58.0	60.78	50.29	20.85	51550	197054	145504	3.82	48500	163566	115066	3.37

Selling rate – Rs. 1950 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. : 4
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 2021-22	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 2021-22	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. : 5

Plant Breeding: 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	Varietal Evaluation	To demonstrate the increase yield through newly released variety of basmati rice (Pusa 1718)	Kharif 2021	4.0	4.0	01	09	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2021	Irrigated	Sandy loam and loam	Low	Medium	Medium	Wheat	15-20 July 2021	23-26 Oct. 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
Paddy	Promoting high yielding variety of wheat	To demonstrate the increase yield through newly released variety of basmati rice	Pusa 1718	10	4.0	52.92	49.32	56.9	52.0	9.42	112650	204235	91585	1:1.81	104600	170800	66200	1:1.63

Sale rate – Rs. 2350 per quintal.

a. **Technical feedback**

1	Use of quality seed and new improved variety is essential.
2	Grain yield production was increased due to new variety.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Vareity Pusa 1718 is higher yielder as compared to variety PB - 1509.

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. : 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 under timely sown condition	To demonstrate the yield potential of wheat variety under timely sown condition Variety – DBW - 187	Rabi 2021-22	4.0	4.0	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Wheat	Rabi 2021-22	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	13.11.2021 to 15.11.2021	20-25 April 2022	-	-

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.	DBW – 187	10	4.0	67.0	56.0	64.5	52.0	24	69500	145775	76275	2.09	67400	121400	54000	1.80

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

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 DBW - 187 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
Horticulture : Okra

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	Okra	Varietal Evaluation	To demonstrate the Introduction of Okra variety. (Pusa A -4) Seed @ 12 Kg/ha	Kharif 2021	0.8	0.8	01	09	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Okra	Kharif 2021	Irrigated	Loam	Low	Medium	Medium	Wheat	23 April to 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
Okra	VE	To demonstrate the Introduction of Okra variety.	Pusa A -4	10	0.8	125.50	90	107.75	80.50	33.85	38500	128300	90800	1:3.35	32000	96600	64600	1:3.01

Sale rate – Rs. 1200- 1500 per quintal.

a. Technical feedback

S.No	Feed Back
1	This variety is resistant to YVMV disease. Use of improved variety Pusa A-4 is necessary because, its fruit are medium sized, quality and shiny. Which is high demand in the local market, due to being a variety the yield has increased.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	The other varieties made on the production of improved variety asked Pusa A -4 more than the production of the variety.

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. : 8
Horticulture : Marigold

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	Marigold	Varietal Evaluation	To demonstrate the Introduction of Marigold variety. (Pusa Narangi) Seed @ 150 gm/demo	Kharif 2021	0.8	0.8	01	09	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Marigold	Kharif 2021	Irrigated	Loam	Low	Medium	Medium	Wheat	24 -26 August 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
Marigold	VE	To demonstrate the Introduction of marigold variety.	Pusa Narangi	10	0.8	193.2	175.8	184.5	145	24.66	50800	221400	170600	1:4.35	45600	177600	132000	1:3.89

Sale rate – Rs. 6500- 8000 per quintal.

a. Technical feedback

S.No	Feed Back
1	Improved variety Pusa Narangi, flower size is more as well as yield is more than other species and its best flowering life is good due to which there is good demand in the local market.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	The yield of improved variety Pusa Narangi is higher than other species and is sold well in the market.

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
Horticulture : Sugarcane + Potato

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	Potato	ICM	Intercropping of potato with sugarcane Variety (Kufri Chipsona – 1) Seed @ 1q/demo	Rabi 2021-22	0.4	0.4	01	04	05	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					
Potato	Rabi 2021-22	Irrigated	Loam	Low	Medium	Medium	Paddy	30 - 31Oct. 2021	24 Jan. 2022	-	-

Performance of FLD

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent Yield(q/ha)**	**Cost of cultivation (Rs/ha) Sugarcane**	**Gross Income (Rs./ha.)**	**Net income (Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System (Rabi)								
Autumn Sugar cane	835	-	-	86500	263025	292282	1:3.04	

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**	**LER**
Intercropping System (Rabi)								
Autumn Sugar cane + Potato	835	251	1474.23	172100	464382.40	192282.40	1:3.69	1.76

Sale rate – Rs. 1600 - 2000 per quintal.

a. Technical feedback

S.No	Feed Back
1	Intercropping of potato variety Kufri Chipsona – 1 with atumn planting of sugarcane, the potato production get extra profit. Farmers are getting benefiteal.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Potato as a crop along with sugarcane give a good additional income.

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. : 10
Horticulture : Garden Pea

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	Garden Pea	ICM	Intercropping of garden pea with sugarcane. Seed @ 10 Kg/demo	Rabi 2021-22	0.4	0.4	01	04	05	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					
Garden Pea	Rabi 2021-22	Irrigated	Loam	Low	Medium	Medium	Paddy	08-10 Nov.2021	13 Feb. 2022	-	-

Performance of FLD

Before 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	835	-	-	86500	263025	292282	1:3.04	

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**	**LER**
Intercropping System (Rabi)								
Autumn Sugar cane + Garden Pea	835	95	1400	118100	572975	454875	1:3.85	1.71

a. Technical feedback

S.No	Feed Back
1	Pusa Pragati variety of garden Pea along with sugarcane gives additional profit and due to nitrogen fixation, the yield of the main crop also increase and quality production of pods of garden pea, due to which an additional increase is made.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Vegetable pea as a crop along with sugarcane give a good profit.

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	

Sale rate – Rs. 2000 per quintal.

FLD No. : 11
Horticulture : Onion

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	Onion	VE	Introduction of onion variety – Agrifound dark red	Rabi 2021-22	0.8	0.8	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Onion	Rabi 2021-22	Irrigated	Loam	Low	Medium	Medium	Paddy	26 Nov. 2021	24 April. 2022	-	-

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
Onion	VE	Improved variety of Onion	Agrifond dark red	10	0.8	210.6	178.5	194.5	148	31.45	68800	389100	320300	1:5.65	68800	296000	227200	1:4.30

Sale rate – Rs. 2500 per quintal.

a. Technical feedback

S.No	Feed Back
1	Agrifound dark red variety of onion is high in yield and their medium size and shining, their storage capacity is also good, which is a constant demand in the local market.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Agrifound dark red varietyof onion is more production then other species.

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. : 12
Livestock : Buffalo

S. N.	Breed	Thematic area	Technology Demonstrated	Season and year	No. of animals, poultry birds/ha. etc		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Milch cattle/ Buffalo Murraha	Animal Nutrition Management	Enhancement milk production in milch buffalo through Agrimonfort & Albandazole	Kharif 2021	10	10	01	09	10	N.A.

Performance of FLD

Technology Option	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)	11 lit.	-	180	70000	82300	12300	1:1.17
T_2 – Dewormer + Mineral mixture + Albomar + Fertisule	12 lit.	9.09%	240	82000	102500	20500	1:1.25

Milk rate – Rs. 45/Lt.

a. Technical feedback

S.No	Feed Back
1	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.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers agree that improvement of milk production on buffaloes through the demonstration 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.

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. : 13
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	VE	Use of High yield Variety	Rabi 2021-22	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	08 Nov. 2021	29 Dec. 2020 to April 2022	-	-

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	650 @ 1R/Kg	500	30	07 cutting	05 Cutting	35000	65000	30000	1:1.85	32000	50000	18000	1:1.56

Sale rate Fodder – Rs. 1/Kg.

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 produced 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	

FLD No. : 14
Live Stock : Oat

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	Oat	VE	Use of High yield Variety	Rabi 2021-22	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					
Oat	Rabi 2020-21	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	08 Nov. 2021	29 Dec. 2020 to Jan. 2022	-	-

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
Oat	Feed and Fodder technology	Use of High yield Variety	Kent	10	1.0	500	400	20	02 cutting	01 Cutting	32000	50000	18000	1:1.56	31000	40000	9000	1:1.29

Sale rate Fodder – Rs. 1/Kg.

a. Technical feedback

S.No	Feed Back
1	Improved variety of Oat Kent is used very essential. The new variety of oat is helpful to increased fodder production.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers agree that Oat Variety Kent was more fodder production as compared to other variety of Oat. The oat Kent was produced long term fodder more than two cutting compared to other variety of Oat.

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. 2021 to Dec. 2021)
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	07	126	-	126	14	-	14	140
Soil Sciene	07	118	-	118	22	-	22	140
Horticulture	04	74	-	74	06	-	06	80
Plant protection	04	76	-	76	04	-	04	80
Live stock	04	74	-	74	06	-	06	80
Plant Breeding	05	90	-	90	10	-	10	100
Total	**31**	**558**	**-**	**558**	**62**	**-**	**62**	**620**

Practicing Farmers & Farm Women **Off Campus**								
Crop Production	07	132	-	132	08	-	14	140
Soil Sciene	07	132	-	132	08	-	08	140
Horticulture	11	198	-	198	22	-	22	220
Plant protection	03	56	-	56	04	-	04	60
Live stock	07	132	-	132	08	-	08	140
Plant Breeding	07	132	-	132	08	-	14	140
Total	**42**	**782**	**-**	**782**	**58**	**-**	**58**	**840**

Rural Youth								
Soil Sciene	01	08	-	08	02	-	02	10
Horticulture	02	20	-	20	-	-	-	20
Live stock	02	16	-	16	04	-	04	20
Plant Breeding	03	24	-	24	06	-	06	30
Total	**08**	**68**	**-**	**68**	**12**	**-**	**12**	**80**

Extension functionaries								
Crop Production	01	10	-	10	-	-	-	10
Soil Sciene	05	42	-	42	08	-	08	50
Horticulture	03	30	-	30	-	-	-	30
Live stock	05	50	-	50	-	-	-	50
Plant Breeding	04	30	-	30	10	-	10	40
Total	**18**	**162**	**-**	**162**	**18**	**-**	**18**	**180**

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	18	-	18	02	-	02	20	-	20
Resource Conservation Technology	02	36	-	36	04	-	04	40	-	40
Cropping system	01	18	-	18	02	-	02	20	-	20
Seed Production	03	54	-	54	06	-	06	60	-	60
Integrated Crop Management	02	36	-	36	04	-	04	40	-	40
Integrated nutrient management	01	18	-	18	02	-	02	20	-	20
Others (Plant Breeding)	02	36	-	36	04	-	04	40	-	40
Total	**12**	**216**	**-**	**216**	**24**	**-**	**24**	**240**	**-**	**240**
II. Horticulture										
(a) Vegetable crops										
Nursery raising	01	18	-	18	02	-	02	20	-	20
Total (a)	**01**	**18**	**-**	**18**	**02**	**-**	**02**	**20**	**-**	**20**
(b) Fruits										
Manag. of young orchards	01	20	-	20	-	-	-	20	-	20
Rejuvenation of old orchards	01	18	-	18	02	-	02	20	-	20
Others - - Production technology	01	18	-	18	02	-	02	20	-	20
Total (b)	**03**	**56**	**-**	**56**	**04**	**-**	**04**	**60**	**-**	**60**
(c) Ornamental plants	-	-	-	-	-	-	-	-	-	-
Total (c)	-	-	-	-	-	-	-	-	-	-
(e) Tuber Crops	-	-	-	-	-	-	-	-	-	-
Total (e)	-									
(f) Spices	-	-	-	-	-	-	-	-	-	-
Total (f)	-	-	-	-	-	-	-	-	-	-

(g) Medicinal & Aeromatic plants										
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	**04**	**74**	**-**	**74**	**06**	**-**	**06**	**80**	**-**	**80**
III. Soil Health and Fertility Management										
Soil Fertility Management	01	18	-	18	02	-	02	20	-	20
INM	06	100	-	100	20	-	20	120	-	120
Total	**07**	**118**	**-**	**118**	**22**	**-**	**22**	**140**	**-**	**140**
IV. Livestock Production and Management										
Animal Nutrition Management	01	20	-	20	-	-	-	20	-	20
Feed & fodder technology	03	54	-	54	06	-	06	60	-	60
Total	**04**	**74**	**-**	**74**	**06**	**-**	**06**	**80**	**-**	**80**
VII. Plant Protection										
- IPM	02	36	-	36	04	-	04	40	-	40
- IDM	02	40	-	40	-	-	-	40	-	40
Total	**04**	**76**	**-**	**76**	**04**	**-**	**04**	**80**	**-**	**80**
XI. Agro forestry										
- Production technology	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**31**	**558**	**-**	**558**	**62**	**-**	**62**	**620**	**-**	**620**

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	18	-	18	02	-	02	20	-	20
Seed production	04	80	-	80	-	-	-	80	-	80
Croping System	01	18	-	18	02	-	02	20	-	20
Integrated Crop Management	02	36	-	36	04	-	04	40	-	40
Integrated nutrient management	01	18	-	18	02	-	02	20	-	20
Others (Plant Breeding)	05	94	-	94	06	-	06	100	-	100
Total	**14**	**264**	**-**	**264**	**16**	**-**	**16**	**280**	**-**	**280**
II. Horticulture										
(a) Vegetable crops										
Off-season vegetables	02	36	-	36	04	-	04	40	-	40
Nursery raising	01	18	-	18	02	-	02	20	-	20
Others (Production technique)	03	54	-	54	06	-	06	60	-	60
Total (a)	**06**	**108**	**-**	**108**	**12**	**-**	**12**	**120**	**-**	**120**
(b) Fruits										
Rejuvenation of old orchards	01	18	-	18	02	-	02	20	-	20
Others (**Nursery Management)**	01	18	-	18	02	-	02	20	-	20
Total (b)	**02**	**36**	**-**	**36**	**04**	**-**	**04**	**40**	**-**	**40**
(c) Ornamental plants										
Nursery Management	03	54	-	54	06	-	06	60	-	60
Total (c)	**03**	**54**	**-**	**54**	**06**	**-**	**06**	**60**	**-**	**60**
(e) Tuber Crops										
Total (e)										
(f) Spices	-	-	-	-	-	-	-	-	-	-
Total (f)										

(g) Medicinal & Aeromatic plants										
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	**11**	**198**	**-**	**198**	**22**	**-**	**22**	**220**	**-**	**220**
III. Soil Health and Fertility Management										
INM	01	18	-	18	02	-	02	20	-	20
Production & use of organic inputs	01	18	-	18	02	-	02	20	-	20
Integrated water management	02	40	-	40	-	-	-	40	-	40
Micro nutrient deficiency in crops	02	36	-	36	04	-	04	40	-	40
Soil & Water testing	01	20	-	20	-	-	-	20	-	20
Total	**07**	**132**	**-**	**132**	**08**	**-**	**08**	**140**	**-**	**140**
IV. Livestock Production and Management										
Dairy Management	03	56	-	56	04	-	04	60	-	60
Disease Management	02	40	-	40	-	-	-	40	-	40
Animal Nutrition Management	01	18	-	18	02	-	02	20	-	20
Feed & fodder technology	01	18	-	18	02	-	02	20	-	20
Total	**07**	**132**	**-**	**132**	**08**	**-**	**08**	**140**	**-**	**140**
VII. Plant Protection										
IPM	01	20	-	20	-	-	-	20	-	20
IDM	02	36	-	36	04	-	04	40	-	40
Total	**03**	**56**	**-**	**56**	**04**	**-**	**04**	**60**	**-**	**60**
XI. Agro forestry										
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**42**	**782**	**-**	**782**	**58**	**-**	**58**	**840**	**-**	**840**

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	36	-	36	04	-	04	40	-	40
Cropping system	02	36	-	36	04	-	04	40	-	40
Seed Production	07	134	-	134	06	-	06	140	-	140
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	04	72	-	72	08	-	08	80	-	80
Integrated nutrient management	02	36	-	36	04	-	04	40	-	40
Others (Plant Breeding)	07	130	-	130	10	-	10	140	-	140
Total	**26**	**480**	**-**	**480**	**40**	**-**	**40**	**520**	**-**	**520**
II. Horticulture										
(a) Vegetable crops										
Off-season vegetables	02	36	-	36	04	-	04	40	-	40
Nursery raising	02	36	-	36	04	-	04	40	-	40
- Others Production technology	03	54	-	54	06	-	06	60	-	60
Total (a)	**07**	**126**	**-**	**126**	**14**	**-**	**14**	**140**	**-**	**140**
(b) Fruits										
Rejuvenation of old orchards	02	36	-	36	04	-	04	40	-	40
Manag. of young orcgards	01	20	-	20	-	-	-	20	-	20
Others (Nursery management	01	18	-	18	02	-	02	20	-	20
Production Technology	01	18	-	18	02	-	02	20	-	20
Total (b)	**05**	**92**	**-**	**92**	**08**	**-**	**08**	**100**	**-**	**100**
(c) Ornamental plants										
Nusery Management	03	54	-	54	06	-	06	60	-	60
Total (c)	**03**	**54**	**-**	**54**	**06**	**-**	**06**	**60**	**-**	**60**

(e) Tuber Crops										
Total (e)										
(f) Spices										
Total (f)										
(g) Medicinal & Aeromatic plants										
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	**15**	**272**	**-**	**272**	**28**	**-**	**28**	**300**	**-**	**300**
III. Soil Health and Fertility Management										
Soil Fertility Management	01	18	-	18	02	-	02	20	-	20
INM	07	118	-	118	22	-	22	140	-	140
Production & use of organic inputs	01	18	-	18	02	-	02	20	-	20
Integrated water management	02	40	-	40	-	-	-	40	-	40
Micro nutrient deficiency in crops	02	36	-	36	04	-	04	40	-	40
Soil & Water testing	01	20	-	20	-	-	-	20	-	20
Total	**14**	**250**	**-**	**250**	**30**	**-**	**30**	**280**	**-**	**280**
IV. Livestock Production and Management										
Dairy management	03	56	-	56	04	-	04	60	-	60
Animal Nutrional management	02	38	-	38	02	-	02	40	-	40
Feed & Fodder management	04	72	-	72	08	-	08	80	-	80
Diseases Management	02	40	-	40	-	-	-	40	-	40
Total	**11**	**206**	**-**	**206**	**14**	**-**	**14**	**220**	**-**	**220**
VII. Plant Protection										
- IPM	03	56	-	56	04	-	04	60	-	60
- IDM	04	76	-	76	04	-	04	80	-	80
Total	**07**	**132**	**-**	**132**	**08**	**-**	**08**	**140**	**-**	**140**
XI. Agro forestry										
Total	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**73**	**1340**	**-**	**1340**	**120**	**-**	**120**	**1460**	**-**	**1460**

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	01	08	-	08	02	-	02	10	-	10
Vermi composting	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	02	20	-	20	-	-	-	20	-	20
Mushroom production										
Bee Keeping										
Seed Production	03	24	-	24	06	-	06	30	-	30
Dairying	01	08	-	08	02	-	02	10	-	10
Sheep and goat rearing										
Poultry production	01	08	-	08	02	-	02	10	-	10
Grand Total	**08**	**68**	**-**	**68**	**12**	**-**	**12**	**80**	**-**	**80**

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	01	08	-	08	02	-	02	10	-	10
Vermi composting	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	02	20	-	20	-	-	-	20	-	20
Mushroom production										
Bee Keeping										
Seed Production	03	24	-	24	06	-	06	30	-	30
Dairying	01	08	-	08	02	-	02	10	-	10
Sheep and goat rearing										
Poultry production	01	08	-	08	02	-	02	10	-	10
Grand Total	**08**	**68**	**-**	**68**	**12**	**-**	**12**	**80**	**-**	**80**

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	05	42	-	42	08	-	08	50	-	50
Production & use of organic inputs	01	10	-	10	-	-	-	10	-	10
Productivity enhancement in field crops	01	10	-	10	-	-	-	10	-	10
Integrated pests management	-	-	-	-	-	-	-	-	-	-
Productivity enhancement of Horticultural crops	-	-	-	-	-	-	-	-	-	-
Productivity enhancement of Agro-forestry crops	-	-	-	-	-	-	-	-	-	-
Management in farm animals	02	20	-	20	-	-	-	20	-	20
Production enhancement of medicinal & aeromatic crop	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	03	30	-	30	-	-	-	30	-	30
Rejuvenation of old orchards	01	10	-	10	-	-	-	10	-	10
Others (Seed Production)	04	30	-	30	10	-	10	40	-	40
Nursery Management	01	10	-	10	-	-	-	10	-	10
Grand Total	**18**	**162**	**-**	**162**	**18**	**-**	**18**	**180**	**-**	**180**

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	126	-	126	14	-	14	140	-	140
Commercial production of vegetables & Fruits	-	-	-	-	-	-	-	-	-	-
Production and value addition										
Fruit Plants	05	92	-	92	08	-	08	100	-	100
Ornamental plants	03	54	-	54	06	-	06	60	-	60
Spices crops										
Soil health and fertility management	14	250	-	250	30	-	30	280	-	280
Production of inputs at site	-	-	-	-	-	-	-	-	-	-
Methods of protective cultivation	-	-	-	-	-	-	-	-	-	-
Others										
Press mud composting	-	-	-	-	-	-	-	-	-	-
Vermi composting	01	18	-	18	02	-	02	20	-	20
Total	**30**	**540**	**-**	**540**	**60**	**-**	**60**	**600**	**-**	**600**
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	02	38	-	38	02	-	02	40	-	40
Animal disease management	02	40	-	40	-	-	-	40	-	40
Others(pl. specify) Poultry farming	01	08	-	08	02	-	02	10	-	10
Total	**05**	**86**	**-**	**86**	**04**	**-**	**04**	**50**	**-**	**50**

Home science										
Household nutritional security	-	-	-	-	-	-	-	-	-	-
Economic empowerment	-	-	-	-	-	-	-	-	-	-
Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Agricultural Extension										
Capacity Building and group dyanamics	02	60	-	60	40	-	40	100	-	100
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	**02**	**60**	**-**	**60**	**40**	**-**	**40**	**100**	**-**	**100**
Grand Total	**37**	**686**	**-**	**686**	**104**	**-**	**104**	**750**	**-**	**750**

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)	02	20	-	20	-	-	-	20	-	20
Commercial spices production	-	-	-	-	-	-	-	-	-	-
Integrated crop management	-	-	-	-	-	-	-	-	-	-
Organic farming										
Total	**02**	**20**	**-**	**20**	**-**	**-**	**-**	**20**	**-**	**20**
Post harvest technology and value addition										
Value addition	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Total										
Livestock and fisheries										
Dairy farming	01	08	-	08	02	-	02	10	-	10
Composite fish culture										
Goat rearing										
Piggery										
Poultry farming	01	08	-	08	02	-	02	10	-	10
Others (pl. specify)										
Total	**02**	**16**	**-**	**16**	**04**	**-**	**04**	**20**	**-**	**20**

Income generation activities										
Production of organic inputs	01	08	-	08	02	-	02	10	-	10
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)	03	24	-	24	06	-	06	30	-	30
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	**13**	**170**	**-**	**170**	**50**	**-**	**50**	**220**	**-**	**220**
Grand Total	**17**	**206**	**-**	**206**	**54**	**-**	**54**	**260**	**-**	**260**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	36	1320	26	1346
Diagnostic visits	05	58	-	58
Field Day	05	72	22	94
Group discussions	02	31	-	31
Kisan Ghosthi	11	1220	25	1245
Film Show	02	Mass	Mass	Mass
Self -help groups	01	28	-	28
Kisan Mela	01	490	06	496
Exhibition	01	205	06	211
Scientists' visit to farmers field	50	629	-	629
Ex-trainees Sammelan	-	-	-	
Farmers' seminar/workshop	01	219	-	219
Method Demonstrations	02	50	-	50
Celebration of important days “Swachhita” Pakwada	07	331	18	349
Special day celebration (Kisan Samman Divas)	01	131	10	141
Others (pl. specify)				
Kisan Kalyan Mission	01	131	05	136
One day workshop on challenges of Basmati Export stratigies	01	140	12	152
Training for Sc Farmers	02	102	-	102
Hill India Gosthi	01	459	16	475
World Women Day	01	41	03	44
World Milk Day	01	31	-	31
World environment Day	01	11	-	11
Kisan Samman sammaroh	01	140	12	152
Fertilizer & Nutrition Gosthi	01	78	-	78
Tree Plantation	01	42	03	45
Climent resistane Variety Gosthi	01	149	05	154
Farmers Awareness programme under Azadi Ka Amrit Mahotsav Organized by IGMRI, Hapur	01	41	-	41
World soil Day	01	51	-	51
Zero Budget Natural Farming	01	31	-	31
Visit of farmers & farmer group to KVK	87	1018	-	1018
Lecture delivered	15	654	-	654
Total	**242**	**7903**	**169**	**8072**

A. Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	05
News paper coverage	28
Popular articles	-
Radio Talks	06
TV Talks	02
Animal health amps (Number of animals treated)	-
Others (pl. specify) Extension lit. Distributed	05
Total	**46**

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	502				Varietal & pest		502
	Voice & Text both							
	Total Messages	**502**						**502**
	Total farmers Benefitted	**502**						**502**

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	08	302	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 2020-21 (Wheat)**	**WB-02, DBW -173, HD - 3226**		**54.35**	**103540**	Auction
	Kharif 2021	**P.B. 1509**		**22.0**	**38500**	Auction
Total				**76.35**	**142040**	
Oilseeds	**Rabi 2020-21** (Mustard)	**RH - 0749**		53.03	292513	Auction
Pulses						
	Total			**53.03**	**292513**	
G.Total				**129.38**	**434553**	

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	Tomato, Brinjal, Chilli	**Tomato Variety F1 : US – 3383, Lakshmi Chilli – Variety F1 : Parihot, Nandita Brinjal Variety F1 : Navkiran, Rajni**		8700	1100.00	13
	Tomato, Brinjal, Chilli			650	-	KVK campus
	Onion	**Agrifound dark red**		8.5 Kg		
Fruits						
Ornamental plants	Marigold, Candulla, sweet willium, sellum and ice plant	**Pusa Narangi & Pusa Basanti Spenurc Local Megha Sun flash**		7000	1550	28
	Marigold, Candulla, sweet willium, sellum and ice plant	**Pusa Narangi & Pusa Basanti Spenurc Local Megha Sun flash**		3650	-	KVK campus
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest species						
Others						
Total				**20000.00**	**2650.00**	**41**

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	-	-	-	-
Water				
Plant				
Manure				
Others (pl.specify)				
Total	-	-	-	-

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Krishi Vigyan Kendra, Hapur	01	23rd Nov. 2021

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) Folder & 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	**07**	**349**	**08**	**302**	**05**	**94**	**01**	**496**	**01**	**211**	**02**	**55**

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 Annual Zonal Review workshop 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 2021 to Dec 2021)

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 2021 to Dec 2021)

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 2021 to Dec 2021)

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 2021 to Dec 2021)

S. No	Particulars	Number of farmers benefited
01	Advisiory	1346
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 2021 to Dec 2021)

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

C. Visits made by DE / Officials in the Directorate to KVKs (Jan 2021 to Dec 2021)

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	04

D. Overseeing of KVKs activities (Jan 2021 to Dec 2021)

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 2021 to Dec 2021)

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

F. Technological Products provided to KVKs(Jan 2021 to Dec 2021)

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	05	232	232

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					
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
			Target (q)	Area sown (ha)	Actual Production (q)	(F/S, C/S)
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	03	75
5	Awareness campaign	02	120
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans		
10	Composting		
11	Other		
12	Gosthies	02	154
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											
Crop Production	i. Intercropping Urd / moong in spring sugarcane.	10 March 21	PF	1	On	18	-	18	2	-	2
	ii. Conserve and decompose the crop residual for in riching in organic carban in soil.	15 March 21	PF	1	On	18	-	18	2	-	2
LPM	i. Care and management of calf during winter season	11 Jan. 21	PF	1	On	18	-	18	2	-	2
Soil science	i. Use of water soluble fertilizers in wheat. ii. Importance of micro-nutrient management in S.cane.	18 Jan. 21 10 Feb. 21	PF PF	1 1	On On	18 18	- -	18 18	2 2	- -	2 2
Plant Protection	i. Integrated disease management in sugarcane	11 Feb. 2021	PF	1	On	18	-	18	2	-	2
Plant Breeding	i. Roughing technique in wheat seed production	20 Jan. 2021	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
IInd Quarter											
Crop Production	i. Inter cropping of urdbean in S.cane ratoon.	06 April 21	PF	1	On	18	-	18	2	-	2
	ii. Production technique of direct seeded rice.	29 May 21	PF	1	Online	18	-	18	2	-	2
Livestock prod.	i. Urea treatment of poor quality roughages like wheat straw and paddy straw.	13April 21	PF	1	On	18	-	18	2	-	2
Soil Science	i. Soil sampling techniques and its importance.	15 May 21	PF	1	On	18	-	18	2	-	2
	ii. Use of bio-fertilizer in paddy nursery.	07 June 21	PF	1	On	18	-	18	2	-	2

Plant protection	i. Integrated insect & disease management in Cucurbits crop.	27 April 21	PF	1	On	18	-	18	2	-	2
Plant breeding	i. Seed production of Urd & Moong bean	27 April 2021	PF	1	On	18	-	18	2	-	2
Horticulture	i. Method of sowing of watermelon.	11 May 2021	PF	1	Online	18	-	18	2	-	2
	ii. Planning & layout of mango/ guava orchard	06 June 2021	PF	1	Online	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
IIIrd Quarter											
Crop Production	i. Weed management in paddy	27 July 21	PF	1	On	18	-	18	2	-	2
Livestock prod.	i. Importance of Mineral mixture in dairy animal .	20 July 21	PF	1	On	18	-	18	2	-	2
Soil Science	i. Importance of water soluble fertilizer in paddy.	15 Sept. 21	PF	1	On	18	-	18	2	-	2
	ii. Importance of sulphur in oilseed crop production.	25Sept. 21	PF	1	On	18	-	18	2	-	2
Plant protection	i. Integrated insect management in Urd	16 Aug. 21	PF	1	On	18	-	18	2	-	2
Plant breeding	i Seed production of scented rice.	17 July 21	PF	1	On	18	-	18	2	-	2
Horticulture	i. Nutrient management in mango	17 Aug. 2021	PF	1	On	17	-	17	3	-	3
	ii. Nursery raising of cauliflower	17 Sept. 2021	PF	1	On	17	-	17	3	-	3

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IVth Quarter											
Crop Production	i. Conserve and decompose the crop residual for in riching in organic carban in soil.	11 Oct. 21	PF	1	On	18	-	18	2	-	2
	ii. Improved varieties of wheat under timely sown condition and their production techniques	05 Nov. 21	PF	1	On	18	-	18	2	-	2
LPM	i. Balance feeding of cattle and buffaloes.	6 Oct. 21	PF	1	On	18	-	18	2	-	2
Soil science	i. Crop residue management.	21 Oct. 21	PF	1	On	18	-	18	2	-	2
Plant Protection	i. Integrated insect & disease management in rabi pulses.	16 Nov. 21	PF	1	On	18	-	18	2	-	2
Plant Breeding	i. Seed Production of Mustard ii. Identification of high yielding & disease resistant variety of sugarcane.	06 Oct. 21 15 Oct. 21	PF PF	1 1	On On	18 18	- -	18 18	2 2	- -	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	Ratoon management of sugarcane crop	28 Jan. 21	PF	1	Kaniya	18	-	18	2	-	2
	Production tech. of inter crop in spring sugar cane	19 Feb 21	PF	1	Sikhera	18	-	18	2	-	2
LPM	Mastitis diseases in milch animals its causes and control.	29 Feb.21	PF	1	Atoota	18	-	18	2	-	2
Soil Science	i. Importance of micronutrients in sugarcane.	11Jan.2021	PF	1	Atoota	18	-	18	2	-	2
	ii. Soil sampling techniques and its importance.	23 Feb. 2021	PF	1	Kaniya	18	-	18	2	-	2
Plant Breeding	i. Technology of quality wheat seed production.	23 Feb. 2021	PF	1	Lalpur	18	-	18	2	-	2
	ii. Technique of roughing in wheat seed production	4 March 2021	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
IInd Quarter											
Crop Production	i. Production technology of late planted sugarcane.	10 April 2021	PF	1	Kaniya	18	-	18	2	-	2
LPM	Green fodder production throughout the year	12 June 21	PF	1	Online	18	-	18	2	-	2
	Management of milking animal during summer season.	25 May 21	PF	1	Online	18	-	18	2	-	2
Soil Science	i. Role of INM in S.cane.	12 April 21	PF	1	Atoota	18	-	18	2	-	2
Plant protection	i. Integrated insect management in sugarcane	04 June 21	PF	1	Dhaulana	18	-	18	2	-	2
Plant breeding	i. Seed production of basmati rice.	08 June 21	PF	1	Simbhawali	18	-	18	2	-	2
Horticulture	i. Cultivation of Bhindi on ridges.	26 April 2021	PF	1	Garh	18	-	18	2	-	2
	i. Preparation of nursery for early Cauliflower.	16 May 2021	PF	1	Online	18	-	18	2	-	2
	i. Sowing technique of summer Radish.	19 June 2021	PF	1	Tatarpur	18	-	18	2	-	2
	i. Sowing techniques of Banana.	22 June 2021	PF	1	Datiyana	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
IIIrd Quarter											
Crop Production	i. Production technology of intercropping in autumn Sugarcane	22 Sept. 21	PF	1	Tatarpur	18	-	18	2	-	2
	Role of Sulphur & thinning practice in mustard	30 Sept. 21	PF	1	Shahpur Jatt	18	-	18	2	-	2
Horticulture	i. Fertilizer management in Marigold crop.	13 July 21	PF	1	Tatarpur	18	-	18	2	-	2
	i. Preparation of nursery in Tomato crop	16 Aug 21	PF	1	Atuta	18	-	18	2	-	2
	i. Nursery raising of Marigold	20 Sept. 21	PF	1	Bachlota	18	-	18	2	-	2
	i. Sowing techniques in Gladiolus flower crop	25 Sept. 21	PF	1	Tatarpur	18	-	18	2	-	2
LPM	Effect of deworming in farm animals	18 Aug 2021	PF	1	Bachlota	18	-	18	2	-	2
	Infertility management in dairy animal.	26 Aug. 21	PF	1	Atuta	18	-	18	2	-	2
Soil Science	i. Technique of vermin and Nadep compost production Use of sulphur in pulse crops.	20July 21	PF	1	Atuta	18	-	18	2	-	2
	ii. Water management through mulching	27 July 21	PF	1	Mohmaddpur	18	-	18	2	-	2
Plant Protection	i. Management of termite in *kharif c*rops	20 July 21	PF	1	Kaniya	18	-	18	2	-	2
Plant breeding	i. Seed production of scented rice.	08 July 21	PF	1	Bachlota	18	-	18	2	-	2
	ii. Identification of off-type plant & their roughing technique in basmati rice.	26 Aug. 21	PF	1	Atuta	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	25 Oct. 21	PF	1	Atuta	18	-	18	2	-	2
	Weed management in wheat	7 Dec. 21	PF	1	Kaniya	18	-	18	2	-	2
Horticulture	i. Sowing techniques of Garden pea.	18 Oct 21	PF	1	Sikhera	18	-	18	2	-	2
	i. Garlic plantation on ridges	17 Nov.21	PF	1	Tatarpur	18	-	18	2	-	2
	i. Rejuvenation of mango orchards	18 Dec. 21	PF	1	Sikhera	18	-	18	2	-	2
LPM	Care and feed of newly born calves.	08 Nov. 21	PF	1	Babugarh	18	-	18	2	-	2
	Care of milch animals and calves in winter season.	14 Dec. 21	PF	1	Simroli	18	-	18	2	-	2
Soil Science	i. Importance of water soluble fertilizers in rabi crops . ii. Water saving techniques Importance of soil testing.	29 Oct. 21 16 Nov. 21	PF PF	1 1	Kaniya Atuta	18 18	- -	18 18	2 2	- -	2 2
Plant Protection	i. Management of early and late blight disease in potato	18 Dec. 2021	PF	1	Sikhera	18	-	18	2	-	2
Plant Breeding	i. Identification of high yielding sugarcane variety. ii. Importance of isolation distance in wheat seed production.	07 Oct. 21 09 Nov. 22	PF PF	1 1	Shyampur Kaniya	18 18	- -	18 18	2 2	- -	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
IInd Quarter												
LPM	Dairy Farming.	01-05 June 2021	Promotion of Dairy farming	RY	5	Dholhana	08	-	08	2	-	2
Plant breeding	Cucurbits veg. seed production technique	21-25 June 2021	Promoting seed production technique	RY	5	Dholhana	08	-	08	2	-	2
IIIrd Quarter												
Soil Science	Nadep & Vermi compost production	30-31 July 2021 & 01-03 Aug. 2021	promotion of organic manure	RY	5	Kaniya	08	-	08	2	-	2
Horticulture	Nursery mang. of cucumber and capsicum cultivation and tomato under polyhouse.	26-30 July 2021	Nursery management	RY	5	Tatarpur	08	-	08	2	-	2
Plant Breeding	Basmati rice seed production technology.	24-29 Aug. 21	Seed Production	RY	5	Shyampur	08	-	08	2	-	2
IVth Quarter												
Plant Breeding	Technique of quality wheat seed production	16-21 Nov. 2021	Seed Production	RY	5	Atuta	08	-	08	2	-	2
Horticulture	Rose & Gerbera production under poly houses	15-19 Nov. 21	Protected Cultivation	RY	5	Sikhear	08	-	08	2	-	2
LPM	Poultry production	6-10 Dec.2021	Techniques of Poultry farming	RY	5	Kaniya	08	-	08	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 intercrop in spring sugarcane	16 March 21	EF	1	OFF	08	-	08	2	-	2
LPM	Feeding management of Goat.	15 March 21	EF	1	OFF	08	-	08	2	-	2
Soil Science	Importance of Nadap and vermin-compost for soil health. .	27 Jan 2021	EF	1	OFF	08	-	08	2	-	2
	Use of fertilizers on the bases of soil test.	22Feb. 2021	EF	1	OFF	08	-	08	2	-	2
Plant Breeding	Radish seed production technique.	04 Feb. 2021	EF	1	OFF	08	-	08	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
IInd Quarter											
LPM	Management of milking animal during summer season.	9 June 21	EF	1	OFF	08	-	08	2	-	2
Horticulture	Selection of plant and planting technique of Guava	7 June 21	EF	1	OFF	08	-	08	2	-	2
Soil Science	Importance of soil testing in crop production.	10 June 2021	EF	1	OFF	08	-	08	2	-	2
Plant breeding	Seed Production of moong bean..	17 June 2021	EF	1	OFF	08	-	08	2	-	2

IIIrd quarter											
LPM	Importance of vaccination in farm animals	27 Aug. 21	EF	1	OFF	08	-	08	2	-	2
	Importance of mineral vitamins in animal feeds	20 Sept. 21	EF	1	OFF	08	-	08	2	-	2
Soil Science	Use of sulphur in oil seed crop.	26 Aug. 2021	EF	1	OFF	08	-	08	2	-	2
Horticulture	INM in commercial fruits	19 Aug 21	EF	1	OFF	08	-	08	2	-	2
Plant breeding	Seed Production of scented rice.	09 Sept. 21	EF	1	OFF	08	-	08	2	-	2

IVth Quarter											
LPM	Use of mineral mixture and its importance for milch animals	9 Nov. 21	EF	1	On/Off	08	-	08	2	-	2
Soil Science	Use of water soluble fertilizers in wheat.	10 Nov. 2021	EF	1	On/Off	08	-	08	2	-	2
Horticulture	Nursery raising of cucurbits	16 Dec. 21	EF	1	On/Off	08	-	08	2	-	2
Plant Breeding	Seed production technique of wheat.	21 Oct. 2021	EF	1	On/Off	08	-	08	2	-	2