

PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan-2022-Dec-2022)**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	87	1540	200	1740
Rural youths	10	90	10	100
Extension functionaries	20	190	10	200
Sponsored Training	35	740	-	740
Vocational Training	18	262	28	290
Total	170	2822	248	3070

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	75	30.0	-
Pulses	75	30.0	-
Cereals	35	14.0	-
Vegetables	25	2.0	-
Other crops	45	3.4	-
Hybrid crops	-	-	-
Total	255	79.4	-
Livestock & Fisheries	10	-	10
Other enterprises	-	-	-
Total	10	-	10
Grand Total	265	79.4	10

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	02	10	10
Livestock	02	08	08
Various enterprises	01	03	03
Total	05	21	21
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	05	21	21

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	460	9732
Other extension activities	37	Mass
Total	497	9732

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
Moradabad	Text only							
	Voice only	240				Vrietal & Pest		240
	Voice & Text both							
	Total Messages	240						
	Total farmers Benefitted	240						

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	108.74	175320.00
Planting material (No.)	19150	2850.00
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	02
5	Visits of KVK officials	06
6	Book published	01
7	Training Manual	-
8	Book chapters	-
9	Research papers	-
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	05
13	Proceedings	04
14	Award & recognition	03
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. 2022)

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	199600	01.7.10	Permanent	9411263753	55	drhansraj67@gmail.com
2	Subject Matter Specialist	Dr. P. K. Madke	SMS/Asst. Prof	A.H & Dairying	15600-39100	101100	27.06.08	Permanent	8920593039	48	dr.madke74@gmail.com
3	Subject Matter Specialist	Dr. Laxmi kant	SMS/Asst. Prof.	Plant breeding	15600-39100	101100	01-01-2008	Permanent	9457085593	51	laxmikant1965@yahoo.co.in
4	Subject Matter Specialist	Dr. Vijnendra Pal	SMS/Asst. Prof.	Horticulture	15600-39100	101100	20-08-2008	Permanent	9456662212	51	dvpgangwar77@gmail.com
5	Subject Matter Specialist	Dr. Abhinav Kumar	SMS	Agronomy	15600-39100	56100	01-07-2022	Permanent	9415348240	28	-
6	Subject Matter Specialist	Dr. Vinita Singh	SMS	Home Science	15600-39100	56100	11-07-2022	Permanent	8840836503	28	vinitasrfbhu13@gmail.com

7	Subject Matter Specialist	Dr. Neelam Kumari	SMS	Agriculture Ext.	15600-39100	56100	01-09-2022	Permanent	7494865713	25	kumarineelam440@gmail.com
8	Prog. Assistant		Vacant.		-	-	-	-	-	-	-
9	Prog. Assistant	Sri. Nagendra Pratap Singh	Computer Programmer/ Programme Assistant	PGDCA	9300-34800	56900	01-09-2007	Permanent	9412060554	48	nagendrapratap1973@gmail.com
10	Farm Manager	Dr. Ashok	Farm Manager	Soil Science	9300-34800	56900	30-07-2007	Permanent	9412405845	49	drashoksengar123@gmail.com
11	Accountant / Superintendent	-	-	-	-	-	-	-	-	-	-
12	Stenographer/ computer operator	-	-	-	-	-	-	-	-	-	-
13	Driver	Sri Mukesh	Driver	-	5200-20200	38100	04.09.21 at Kvk Hapur	Permanent	9458739410	46	-
14	Driver	Vacant	-	-	-	-	-	-	-	-	-
15	Supporting staff	Shri T.B.Ale	Cook	-	2550-3290	37500	01-07-1988	Permanent	9997611921	59	-
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	Transfer from KVK GB Nagar	-	161 hours	Working
Bolero Jeep	March 2022	8.0	10000	Working
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)			
Computer & Printer	March 2022	0.50	Working

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

वैज्ञानिक सलाहकार समिति की पंचम बैठक का आयोजन दिनांक – 25 नवम्बर, 2022 को केन्द्र पर हुआ। जिसमें निम्न संस्तुतियों 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	डा० सतेन्द्र कुमार खारी	संयुक्त निदेशक प्रसार प्रसार निदेशलय स०व०प० कृषि एवं प्रौ०, वि०वि०, मेरठ	i. जिले की समस्याओं से सम्बन्धित ओ०एफ०टी० बनाये।	समस्त वैज्ञानिक
			ii. मक्के में खरपतवार प्रबन्धन विषय पर ओ०एफ०टी० लगाये।	सस्य विज्ञान
			iii. जई, बरसीम के अतिरिक्त मक्खन ग्रास पर कॉप कैफेटेरिया लगाया जाये।	डा० पी०के०मडके वि०व०वि० / सहा०प्रा० (पशु विज्ञान)

2	डा० के०जी०यादव	सह-प्राध्यापक (सस्य विज्ञान) प्रसार निदेशलय स०व०प० कृषि एवं प्रौ०, वि०वि०, मेरठ	(क) ओ०एफ०टी० परिणाम के आधार पर मिश्रित खेती में प्रथम पंक्ति प्रदर्शन लगाये जायें।	समस्त वैज्ञानिक
3	डा० हरिओम कटियार	सहा० प्राध्यापक (उद्यान) प्रसार निदेशलय स०व०प० कृषि एवं प्रौ०, वि०वि०, मेरठ	i. केन्द्र के प्रक्षेत्र पर सब्जी काफ कैफेटेरिया के अन्तर्गत सब्जियों की विभिन्न प्रजातियों पर प्रदर्शन लगाने का सुझाव दिया। ii. कृषक उत्पादन संगठन एवं स्वयं सहायता समूह की जानकारी प्रशिक्षण के माध्यम से कृषकों को दी जाये।	डा० विनिता सिंह वि०व०वि० (गृह विज्ञान)
4	डा० आर०पी० मिश्रा	प्रधान वैज्ञानिक (सस्य वैज्ञानिक), आई०एफ०एस० आर०, मेरठ	i. कृषकों के प्रक्षेत्र पर जैविक उर्वरकों को बढ़ावा व उपयोग करने के सम्बन्ध में प्रशिक्षण आयोजित करने का सुझाव दिया।	डा० लक्ष्मीकांत वि०व०वि० / सहा०प्रा० (पादप प्रजनन)
5	डा० बी०बी०द्विवेदी	उपनिदेशक कृषि, हापुड	i. फसल अवशेष प्रबंधन पर जागरूकता कार्यक्रम करने का सुझाव दिया।	समस्त वैज्ञानिक
6	डा० हरित कुमार	जिला उद्यान अधिकारी, हापुड।	i. केन्द्र के प्रक्षेत्र पर शोभाकरी फूलों का कॉफकैफेटेरिया लगायें।	डा० वीरेन्द्र पाल गंगवार वि०व०वि० / सहा०प्रा० (उद्यान)
7	डा० डी०के० सिंह	डी०डी०एम० नाबार्ड, हापुड	i. केन्द्र द्वारा नाबार्ड अन्तर्गत संचालित परियोजनाओं की जानकारी कृषकों तक पहुँचाये। ii. प्राकृतिक कृषि पद्धति अपनाने हेतु कृषकों को प्रोत्साहित करने का सुझाव दिया गया।	डा० नीलम कुमारी वि०व०वि० / टी०६ (कृषि प्रसार) समस्त वैज्ञानिक
8	श्रीमती कविता	सदस्य, वैज्ञानिक सलाहकार समिति	i. केन्द्र द्वारा महिलाओं को रोजगार परक प्रशिक्षण मशरूम पर देने का सुझाव दिया।	समस्त वैज्ञानिक
9	श्री रामकुमार	सदस्य, वैज्ञानिक सलाहकार समिति	i. दुधारु पशुओं में समय से टीकाकरण के लिये प्रचार प्रसार करने का सुझाव दिया।	डा० पी०के०मडके वि०व०वि० / सहा०प्रा० (पशु विज्ञान)
10	श्री नरेन्द्र अग्रवाल	समाज सेवी, हापुड	केन्द्र पर हर्बल गार्डन में नवीनतम औषधीय पौधों का प्रदर्शन लगाया जाये।	डा० वीरेन्द्र पाल गंगवार वि०व०वि० / सहा०प्रा० (उद्यान)

2.0 DETAILS OF DISTRICT (31st Dec., 2022)

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	2022
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			
<i>Crossbred</i>	40263	Data not available	9.56Litre Milk / day
<i>Indigenous</i>	-		
Buffalo	161321		5.90 / day
Cow	40263		9.56Litre Milk / day
Sheep			
<i>Crossbred</i>	-	-	-
<i>Indigenous</i>	1335		0.50 / day
Goats	37523		0.32 / day
Pigs			
<i>Crossbred</i>	-	-	-
<i>Indigenous</i>	4675	-	-
Rabbits	Data not available	Data not available	Data not available
Hens			
<i>Desi</i>			
<i>Improved</i>			
Ducks			
Turkey and others			
Fish			

2.7 Details of operation area/villages (31st Dec., 2022)

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	Sikhera	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	Badgpur	Hapur	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	Dhatiyana	Sambhawali	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 varieties 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.
6	Simmroli	Hapur	Paddy, Wheat, Sugarcane Mustard, Dairy, Poplar, Chilli, Onion, Gartic, Cucurbits.	Lack of knowledge of improved varieties of different crops. - Pest problems - Lack of knowledge of value addition & nutrient management in women. - Disease & insect control of cereals and vegetable crops. - Poor milk production and infertility in animals	Diversification in agriculture. Use of improved varieties. Value addition & Nutri thali. Weed control Unawareness of diseases and insect control. Dairy management

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. 2022 – Dec. 2022)

Demonstrations

Assessment 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 2022

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	21 & 08 Animals	47.2 & 20 Animal	19.4	145	105 & 10 Animals

CFLD (Oilseeds,Pulses,)			
3			
Area in ha.		Number of Farmers	
Targets	Achievement	Targets	Achievement
70.0	60.0	175	150

	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	87	1640	1740	362	497	5439	9732
Rural youth	10	10	100	100				
Ext. Functionaries	20	20	200	200				
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	108.74	Kribhco	20000	19150 & 28 kg	23

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				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			03	13

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	Assessment of conventional and By-pass protein to enhancing milk yield.	01	03
	Buffalo	Evaluation of different feed supplement to check the infertility in milch animals	01	05
Production and Management				
Others (Pl. specify)				
Total			02	08

C. Summary of technologies assessed under various enterprises by KVKs

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

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

I.B. TECHNOLOGY REFINEMENT

A. Summary of technologies refined under various CROPS by KVKs

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

B. Summary of technologies refined under various livestock by KVKs

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

C. Summary of technologies refined under various enterprises by KVKs

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

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

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

OFT -1

VARIETAL EVALUATION **(Kharif 2022)**

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	12.8	75900	1:1.85

Recommendation The data shown in table that T₂ (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 2022 & 28-30 Oct. 2022.

OFT - 2

VARIETAL EVALUATION (Rabi 2022-23)

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	55.2	-	63420	1.93
T ₂ – DBW - 222		60.6	9.7	68400	2.12

Recommendation	It requires more field varietal evaluation (Experiment) because 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 & harvesting	15 Nov., 2022 – 22 Nov., 2022. April, 2023

OFT - 3

VARIETAL EVALUATION (Kharif 2022)

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	231.5	-	212300	1:4.24
T ₂ – Pusa Hybrid - 1.		296.5	21.58	285300	1:5.04

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, 2022. & 14 July 2022.

DAIRY NUTRIENT MANAGEMENT
(Zaid 2022)

Problem definition	Low milk yield and income due to conventional ration feeding.
Technology assessed or refined	Assessment of conventional and Bye-pass protein to enhancing milk yield.
No. of Farmers	03

KVK, Hapur conducted on-farm trial on conventional and **Bye-pass protein** to enhancing milk yield.

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 (Conventional feed- Use of choker and cakes)	03	10 lit.	-	150	22500	67500	45000	1:1.5
T ₂ – Bye-pass protein @ 3 kg/day/animal		11 lit.	8.3%	190	32090	94050	61960	1:1.52

Recommendation	T ₂ - groups of buffaloes were much health due to the used Bye-pass protein 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 T ₂ – treatment used Bye-pass protein feed were helpful to increase milk production compared to T ₁ treatment of buffaloes.
Date of Distribution	25 Feb. 2022

DAIRY NUTRIENT MANAGEMENT (Kharif 2022)

Problem definition	Infertility in Buffalo.
Technology assessed or refined	Evaluation 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)	25380	97200	71820	1:1.35
T ₂ – Dewormer + Mineral mixture + Albomar + Fertsule		13 lit.	8.3%	210 (7 months)	34860	122850	87990	1:1.39

Recommendation	T ₂ - groups of buffaloes were much health due to the used mineral mixture, dewormer & fertsule 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 T ₂ – treatment used mineral mixture dewormer & fertsule were helpful to increase milk production & more conceptation rate compared to T ₁ treatment of buffaloes.
Date of Distribution	23 Aug. 2022

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	15	321	168
2	Wheat	Weed management	Timely application of effective narrow leaf weedicide (Cladinofoap 20 WP)	Through training programme,FLD& Electronic media	12	142	215
2	Wheat	INM	Two Spray of water soluble fertilizer, one is tillering stage & second is Maximum tillering stage	Through training programme, FLD& Electronic media	20	228	302

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

FLD - 1

Blackgram (Kharif – 2022)

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 2022	20.0	20.0	23	27	50	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Blackgram	Kharif 2022	Irrigated	Loam	Medium	Low	Medium	Mustard/Wheat	19-30 July, 2022	25-30 Oct. 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
Black gram	- ICM	ICM through improved seed, weed & insect management	Mukundra Urd-2	50	20.0	13.0	10.6	12.5	10.6	15.2	35600	93750	58150	1:2.63	33600	69960	36360	1:2.08

Selling 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 (Imidacloprid 17.8 SL).
4	No incidence of pod borer due to timely application of insecticide (Imidacloprid 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. MU-2 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

Field Pea (Rabi 2022-23)

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	Field Pea	- ICM	- ICM through improved seed, weed & insect management	Rabi 2022-23	20.0	10.0	11	14	25	Lack of Fund

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					
Field Pea	Rabi 2022-23	Irrigated	Loam	Medium	Low	Medium	Cabbage	08-12 Dec. 2022	05-12 April 2023	-	-

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
Field Pea	- ICM	ICM through improved seed, weed & insect management	IPFD 12-2	25	10.0	25	18	21.36	17.8	20	36500	96120	59620	1:2.63	35200	80100	44900	1:2.27

Selling Price – Rs. 4500/q.

a. Technical feedback (awaited)

b. Farmers reaction on specific technologies

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 - 3
Sesame (Kharif 2022)

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	Sesame	- ICM	- ICM through improved seed, weed & insect management	Kharif 2022	10.0	10.0	11	14	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					
Sesame	Kharif 2022	Irrigated	Loam	Medium	Low	Medium	Wheat	18 July – 27 2022	10-15 Nov. 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
Sesame	- ICM	ICM through improved seed, weed & insect management	GJT-5	25	10	9.4	6.5	8.5	7.2	15.2	27500	78200	50700	1:2.84	25400	63360	37960	1:2.49

a. Technical feedback

1	Grain Yield has been increased due to high yielding variety.
2	Sustainability for YMV & recorded less infestation of insect & pest .
3	Timely application of insecticide (Imidacloprid 17.8 SL).
4	No incidence of pod borer due to timely application of insecticide (Imidacloprid 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. GJT - 5 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 - 4 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 2022-23	20.0	20.0	03	47	50	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Mustard	Rabi 2022-23	Irrigated	Loam	Medium	Low	Medium	Paddy/Wheat	23-27 Oct. 2022	25-30 March 2023	-	-

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	Griraj	50	20	23.0	18.0	20.29	17.5	15.9	42500	135943	93443	3.19	46800	117250	70450	2.50

Selling Price – Rs. 6700/q.

. Technical feedback

1	Griraj is a early maturing variety with high yield and 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 this mustard variety for early maturing and high yield.
2	Farmers are like to Griraj variety for very less incidence of aphids due to timely sowing.

c. Extension and Training activities under FLD

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

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

FLD - 1

Crop production : Wheat

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Wheat	Weed management	Use of Carfantazone 50 WP @ 22 gm/ha.	Rabi 2022-23	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 2022-23	Irrigated	Loam	Medium	Low	Medium	Paddy/Urd	18-25 Dec. 2022	24-25 April 2023	-	-

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

a. Technical feedback

1	Use of Carfantazone 50 WP @ 22 gm/ha is more effective 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. : 2

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 1637)	Kharif 2022	4.0	4.0	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2022	Irrigated	Sandy loam and loam	Low	Medium	Medium	Wheat	18-25 July 2022	26 Oct. - 02 Nov.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
Paddy	Promoting high yielding variety of wheat	To demonstrate the increase yield through newly released variety of basmati rice	Pusa 1637	10	4.0	52.92	49.32	63.0	53.50	15.07	112400	207900	95500	1:1.84	102600	171200	68600	1:1.66

Sale rate – Rs. 2850 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 1637 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. : 3

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 2022-23	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 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	03.11.2022 to 08.11.2022	12-15 April 2023	-	-

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	64	55	62.5	56.4	10.81	69000	149375	80375	2.16	67500	133440	65940	1.97

Sale rate – Rs. 2100 per quintal.

a. Technical feedback

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

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Vareity 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. : 4
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. (Kasi Lalima) Seed @ 1.2 Kg/Demo	Kharif 2022	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					
Okra	Kharif 2022	Irrigated	Loam	Low	Medium	Medium	Wheat	18 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
Okra	VE	To demonstrate the Introduction of Okra variety.	Kasi Lalima	10	0.8	125.50	90	115.8	82.0	41.21	38500	128300	90800	1:3.60	32000	138960	100460	1:3.07

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 Kasi Lalima 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 i.e Parbhani Kranti made on the production of improved variety asked Kasi Lalima 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. : 5
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 2022	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 2022	Irrigated	Loam	Low	Medium	Medium	Wheat	13 July & 06 Aug. 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
Mari gold	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. : 6

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 2022-23	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 2022-23	Irrigated	Loam	Low	Medium	Medium	Paddy	30 - 31 Oct. 2022	24 Jan. 2023	-	-

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 autumn 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. : 7

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 2022-23	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 2022-23	Irrigated	Loam	Low	Medium	Medium	Paddy	08-10 Nov.2022	13 Feb. 2023	-	-

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. : 8
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 2022-23	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 2022-23	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	Agrifound 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 variety of onion is more production than 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. : 9

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 2022	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	36700	51700	15000	1:1.40
T ₂ – Dewormer + Mineral mixture + Albomar + Fertisule	12 lit.	9.09%	210	37500	56125	18625	1:1.49

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 T ₂ – 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. : 10

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 2022-23	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 2022-23	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	05-11 Nov. 2022	30 April 2023	-	-

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)
Barseem	Feed and Fodder technology	Use of High yield Variety	BL - 42	10	1.0	610 @ 1R/Kg	500	34	07 cutting	05 Cutting	11500	837500	72250	1:7.2	10600	62500	51980	1:5.8

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. : 11
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 2022-23	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 2022-23	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	08 Nov. 2022	29 Dec. 2022 to Jan. 2023	-	-

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)
Oat	Feed and Fodder technology	Use of High yield Variety	Kent	10	1.0	320	250	28	02 cutting	01 Cutting	9200	48000	38800	1:5.21	8700	37500	28800	1:4.31

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	

FLD No. : 12

Home Science : Production of organic vegetable in poshan Vatika

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	Vegetable Kit (Coriander & Spinuch)	VE	Use of High yield Variety of Coriander & Spinuch in Poshan vatika for organic farming	Rabi 2022-23	0.2	0.2	10	-	10	

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)
Coriander	VE	Use of High yield Variety	Pusa Bharti	10	0.2	19.50	17	14.71	02 cutting	01 Cutting	24500	107250	82750	1:4.38	23800	93500	69700	1:3.93

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)
Spinuch	VE	Use of High yield Variety	Pant haritma	10	0.2	133.70	105	27.33	02 cutting	01 Cutting	80500	267400	186900	1:3.32	75900	210000	134100	1:2.77

a. Technical feedback

S.No	Feed Back
1	Improved variety of Coriander & spinuch is used very essential. The new variety of Coriander & spinuch is helpful to increased fodder production.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers agree that Pusa Bharti & Pant harit production as compared to other variety of Spinuch & Coriander.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1	Field Days	01	20	
2	Media coverage	01	Mass	

III. (A) Achievements on Training (Jan. 2022 to Dec. 2022) 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	05	90	-	90	10	-	10	100
Soil Sciene	07	126	-	126	14	-	14	140
Horticulture	04	72	-	72	08	-	08	80
Plant protection	04	76	-	76	04	-	04	80
Live stock	04	72	-	72	08	-	08	80
Plant Breeding	05	90	-	90	10	-	10	100
Home Science	04	-	64	64	-	16	16	80
Agri. Ext.	02	36	-	36	04	-	04	40
Total	35	562	64	626	58	16	74	700

Practicing Farmers & Farm Women								
Off Campus								
Crop Production	05	90	-	90	10	-	10	100
Soil Sciene	07	126	-	126	14	-	14	140
Horticulture	11	198	-	198	22	-	22	220
Plant protection	01	18	-	18	02	-	02	20
Live stock	10	180	-	180	20	-	20	200
Plant Breeding	08	144	-	144	16	-	16	160
Home Science	06	-	108	108	-	12	12	120
Agri. Ext.	04	72	-	72	08	-	08	80
Total	52	828	108	936	92	12	104	1040

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
Home Science	01	-	02	02	-	08	08	10
Agri. Ext.	01	08	-	08	02	-	02	10
Total	10	76	02	78	14	08	22	100

Extension functionaries								
Crop Production	01	10	-	10	-	-	-	10
Soil Sciene	03	24	-	24	06	-	06	30
Horticulture	04	40	-	40	-	-	-	40
Live stock	06	60	-	60	-	-	-	60
Plant Breeding	04	30	-	30	10	-	10	40
Home Science	01	-	10	10	-	-	-	10
Agri. Ext.	01	08	-	08	02	-	02	10
Total	20	172	10	182	18	-	18	200

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	01	18	-	18	02	-	02	20	-	20
Cropping system	-	-	-	-	-	-	-	-	-	-
Seed Production	04	72	-	72	08	-	08	80	-	80
Integrated Crop Management	01	18	-	18	02	-	02	20	-	20
Integrated nutrient management	01	18	-	18	02	-	02	20	-	20
Others (Plant Breeding)	02	36	-	36	04	-	04	40	-	40
Total	10	180	-	180	20	-	20	200	-	200
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	18	-	18	02	-	02	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	54	-	54	06	-	06	60	-	60
(c) Ornamental plants										
Total (c)	-	-	-	-	-	-	-	-	-	-
(e) Tuber Crops										
Total (e)	-	-	-	-	-	-	-	-	-	-
(f) Spices										
Total (f)	-	-	-	-	-	-	-	-	-	-

(g) Medicinal & Aromatic plants										
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	04	72	-	72	08	-	08	80	-	80
III. Soil Health and Fertility Management										
Soil Fertility Management	01	18	-	18	02	-	02	20	-	20
INM	05	90	-	90	10	-	10	100	-	100
Soil & Water testing	01	18	-	18	02	-	02	20	-	20
Total	07	126	-	126	14	-	14	140	-	140
IV. Livestock Production and Management										
Animal Nutrition Management	03	54	-	54	06	-	06	60	-	60
Dairy Management	01	18	-	18	02	-	02	20	-	20
Total	04	72	-	72	08	-	08	80	-	80
V. HOME SCIENCE/WOMEN EMPOWERMENT										
Design and development of low/minimum cost diet	02	-	34	34	-	06	06	40	-	40
Household food security by kitchen gardening and nutrition gardening	01	-	15	15	-	05	05	20	-	20
Women and child care	01	-	15	15	-	05	05	20	-	20
Total	04	-	64	64	-	16	16	80	-	80
VII. Plant Protection										
- IPM	03	58	-	58	02	-	02	20	-	20
- IDM	01	18	-	18	02	-	02	20	-	20
Total	04	76	-	76	04	-	04	80	-	80
X. Capacity Building and Groups Dynamics										
- Leadership development	02	36	-	36	04	-	04	40	-	40
Total	02	36	-	36	04	-	04	40	-	40
GRAND TOTAL	35	562	64	626	58	16	74	700	-	700

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
RCT	01	18	-	18	02	-	02	20	-	20
Seed production	06	108	-	108	12	-	12	120	-	120
Cropping System	02	36	-	36	04	-	04	40	-	40
Integrated Crop Management	01	18	-	18	02	-	02	20	-	20
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
Others (Plant Breeding)	02	36	-	36	04	-	04	40	-	40
Total	13	234	-	234	26	-	26	260	-	260
II. Horticulture										
(a) Vegetable crops										
Protective cultivation	02	36	-	36	04	-	04	40	-	40
Nursery raising	-	-	-	-	-	-	-	-	-	-
Others (Production technique)	04	72	-	72	08	-	08	80	-	80
Total (a)	06	108	-	108	12	-	12	120	-	120
(b) Fruits										
Management of young plants/orchards	01	18	-	18	02	-	02	20	-	20
Rejuvenation of old orchards	01	18	-	18	02	-	02	20	-	20
Others (Nursery Management)	02	36	-	36	04	-	04	40	-	40
Total (b)	04	72	-	72	08	-	08	80	-	80
(c) Ornamental plants										
Nursery Management	01	18	-	18	02	-	02	20	-	20
Total (c)	01	18	-	18	02	-	02	20	-	20

(g) Medicinal & Aromatic plants										
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	11	198	-	198	22	-	22	220	-	220
III. Soil Health and Fertility Management										
INM	03	54	-	54	06	-	06	60	-	60
Production & use of organic inputs	01	18	-	18	02	-	02	20	-	20
Integrated water management	02	40	-	40	-	-	-	40	-	40
Soil & Water testing	01	14	-	14	06	-	06	20	-	20
Total	07	126	-	126	14	-	14	140	-	140
IV. Livestock Production and Management										
Dairy Management	03	56	-	56	04	-	04	60	-	60
Disease Management	03	56	-	56	04	-	04	60	-	60
Animal Nutrition Management	03	56	-	56	04	-	04	60	-	60
Feed & fodder technology	01	12	-	12	08	-	08	20	-	20
Total	10	180	-	180	20	-	20	200	-	200
V. Home science/women empowerment										
Design and development of low/minimum cost diet	02	-	40	40	-	40	-	40	-	40
Processing and cooking	01	-	20	20	-	20	-	20	-	20
Value addition	01	-	12	12	-	08	08	20	-	20
Household food security by kitchen gardening and nutrition gardening	01	-	18	18	-	02	02	20	-	20
Women and child care	01	-	18	18	-	02	02	20	-	20
Total	06	-	108	108	-	12	12	120	-	120
VII. Plant Protection										
IPM	-	-	-	-	-	-	-	-	-	-
IDM	01	18	-	18	02	-	02	20	-	20
Total	01	18	-	18	02	-	02	20	-	20

X. Capacity Building and Group Dynamics										
Leadership development	02	36	-	36	04	-	04	40	-	40
Formation and Management of SHGs	01	18	-	18	02	-	02	20	-	20
Entrepreneurial development of farmers/youths	01	18	-	18	02	-	02	20	-	20
Total	04	72	-	72	08	-	08	80	-	80
GRAND TOTAL	52	828	108	936	92	12	104	1040	-	1040

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	0	36	04	0	04	40	0	40
Resource Conservation Technology	02	36	0	36	04	0	04	40	0	40
Cropping system	02	36	0	36	04	0	04	40	0	40
Seed Production	10	180	0	180	20	0	20	200	0	200
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	02	36	0	36	04	0	04	40	0	40
Integrated nutrient management	01	18	0	18	02	0	02	20	0	20
Others (Plant Breeding)	04	72	0	72	08	0	08	80	0	80
Total	23	414	0	414	46	0	46	460	0	460
II. Horticulture										
(a) Vegetable crops										
Nursery raising	01	18	0	18	02	0	02	20	0	20
Protective cultivation	02	36	0	36	04	0	04	40	0	40
- Others Production technology	04	72	0	72	08	0	08	80	0	80
Total (a)	07	126	0	126	14	0	14	140	0	140
(b) Fruits										
Rejuvenation of old orchards	02	36	0	36	04	0	04	40	0	40

Manag. of young orchards	02	36	0	36	04	0	04	40	0	40
Others (Nursery management)	03	54	0	54	06	0	06	60	0	60
Production Technology	-	-	-	-	-	-	-	-	-	-
Total (b)	07	126	0	126	14	0	14	140	0	140
(c) Ornamental plants										
Nusery Management	01	18	0	18	02	0	02	20	0	20
Total (c)	01	18	0	18	02	0	02	20	0	20
(e) Tuber Crops										
Total (e)										
(f) Spices										
Total (f)										
(g) Medicinal & Aromatic plants										
Total (g)	-	-	-	-	-	-	-	-	-	-
Total (a-g)	15	270	0	270	30	0	30	300	0	300
III. Soil Health and Fertility Management										
Soil Fertility Management	01	18	0	18	02	0	02	20	0	20
INM	08	144	0	144	16	0	16	160	0	160
Production & use of organic inputs	01	18	-	18	02	-	02	20	-	20
Integrated water management	02	40	0	40	0	0	0	40	0	40
Soil & Water testing	02	32	0	32	8	0	8	40	0	40
Total	14	252	0	252	28	0	28	280	0	280
IV. Livestock Production and Management										
Dairy management	04	74	0	74	06	0	06	80	0	80
Animal Nutritional management	06	110	0	110	10	0	10	120	0	120
Feed & Fodder management	01	12	0	12	08	0	08	20	0	20
Diseases Management	03	56	0	56	04	0	04	60	0	60
Total	14	252	0	252	28	0	28	280	0	280

V. Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	02	0	33	33	0	07	07	0	40	40
Design and development of low/minimum cost diet	04	0	74	74	0	06	06	0	80	80
Processing and cooking	01	0	20	20	0	0	0	0	20	20
Value addition	01	0	12	12	0	08	08	0	20	20
Women and child care	02	0	33	33	0	07	07	0	40	40
Total	10	0	172	172	0	28	28	0	200	200

VII. Plant Protection										
- IPM	03	58	0	58	02	0	02	60	0	60
- IDM	02	36	0	36	04	0	04	40	0	40
Total	05	94	0	94	06	0	06	100	0	100

X. Capacity Building and Group Dynamics										
Leadership development	4	72	0	72	8	0	8	80	0	80
Formation and Management of SHGs	1	18	0	18	2	0	2	20	0	20
Entrepreneurial development of farmers/youths	1	18	0	18	2	0	2	20	0	20
Total	6	108	0	108	12	0	12	120	0	120
GRAND TOTAL	87	1390	172	1562	150	28	178	1540	200	1740

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	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	02	20	-	20	-	-	-	20	-	20
Planting Material Prod.	-	-	-	-	-	-	-	-	-	-
Value Addition	02	08	02	10	02	08	10	10	10	20
Bee Keeping	-	-	-	-	-	-	-	-	-	-
Seed Production (Rice, wheat, urd & Mustard)	01	08	-	08	02	-	02	10	-	10
Grand Total	05	36	02	38	04	08	12	40	10	50

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	-	-	-	-	-	-	-	-	-	-
Mushroom production										
Bee Keeping										
Seed Production	02	16	-	16	04	-	04	20	-	20
Dairying	01	08	-	08	02	-	02	10	-	10
Sheep and goat rearing										
Poultry production	01	08	-	08	02	-	02	10	-	10
Grand Total	05	40	0	40	10	0	10	50	0	50

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

Area of training	No. of courses	No. of participants								
		Others			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	T
Production of organic inputs	01	08	0	08	02	0	02	10	0	10
Vermi composting	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	02	20	0	20	0	0	0	20	0	20
Mushroom production										
Value addition	02	08	02	10	02	08	10	10	10	20
Seed Production	03	24	0	24	06	0	06	30	0	30
Dairying	01	08	0	08	02	0	02	10	0	10
Sheep and goat rearing										
Poultry production	01	08	0	08	02	0	02	10	0	10
Grand Total	10	76	2	78	14	8	22	90	10	100

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	03	26	-	26	04	-	04	30	-	30
Production & use of organic inputs	01	08	-	08	02	-	02	10	-	10
Productivity enhancement in field crops	02	20	-	20	-	-	-	20	-	20
Integrated pests management	-	-	-	-	-	-	-	-	-	-
Productivity enhancement of Horticultural crops	01	10	-	10	-	-	-	10	-	10
Women and Child care	01	-	10	10	-	-	-	-	10	10
Management in farm animals	03	30	-	30	-	-	-	30	-	30
Production enhancement of medicinal & aeromatic crop	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	02	20	-	20	-	-	-	20	-	20
Rejuvenation of old orchards	01	10	-	10	-	-	-	10	-	10
Others (Seed Production)	05	40	-	40	10	-	10	50	-	50
Nursery Management										
Formation and Management of SHGs	01	08	-	08	02	-	02	10	-	10
Grand Total	20	172	10	182	18	0	18	190	10	200

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	10	180		180	20		20	200	-	200
Commercial production of vegetables & Fruits	-	-	-	-	-	-	-	-	-	-
Production and value addition										
Fruit Plants	04	64	-	64	16	-	16	80	-	80
Ornamental plants	02	27	-	27	03	-	03	30	-	30
Spices crops										
Soil health and fertility management	08	110	-	110	50	-	50	160	-	160
Production of inputs at site	-	-	-	-	-	-	-	-	-	-
Methods of protective cultivation	-	-	-	-	-	-	-	-	-	-
Others										
Press mud composting	-	-	-	-	-	-	-	-	-	-
Vermi composting	01	18	-	18	02	-	02	20	-	20
Total	25	399	-	399	91	-	91	490	-	490
Post harvest technology and value addition										
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (Poshan Vatika)	02	34	-	34	06	-	06	40	-	40
Total	02	34	-	34	06	-	06	40	-	40
Farm machinery										
Farm machinery,tools and implements	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Livestock and fisheries										
Livestock production and management Goat rearing										
Animal Nutrition management	02	24	-	24	16	-	16	40	-	40
Animal disease management	03	45	-	45	15	-	15	60	-	60
Others(pl. specify) Poultry farming	01	08	-	08	02	-	02	10	-	10
Total	06	77	-	77	33	-	33	110	-	110

Home science										
Household nutritional security	-	-	-	-	-	-	-	-	-	-
Economic empowerment	-	-	-	-	-	-	-	-	-	-
Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Agricultural Extension										
Capacity Building and group dynamics	02	60	-	60	40	-	40	100	-	100
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	02	60	-	60	40	-	40	100	-	100
Grand Total	35	570	-	570	170	-	170	740	-	740

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	02	08	02	10	02	08	10	10	10	20
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	02	08	02	10	02	08	10	10	10	20
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	06	120	-	120	42	-	42	162	-	162
Nursery (Planting material production).	-	-	-	-	-	-	-	-	-	-
Nursery (Planting material production) of Agroforestry trees	-	-	-	-	-	-	-	-	-	-
Tailoring, stitching, embroidery, dying etc.	01	-	10	10	-	08	08	-	18	18
Agril. para-workers, para-vet training	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Total	11	152	10	162	50	8	58	202	18	220
Agricultural Extension	-	-	-	-	-	-	-	-	-	-
Capacity building and group dynamics	01	08	-	08	02	-	02	10	-	10
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Total	01	08	-	08	02	-	02	10	-	10
Grand Total	18	204	12	216	58	16	74	262	28	290

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	26	920	18	938
Diagnostic visits	62	961	-	961
Field Day	15	82	22	104
Group discussions	02	42	-	42
Kisan Ghosthi	16	1320	25	1345
Film Show	02	Mass	Mass	Mass
Self -help groups	01	28	-	28
Kisan Mela	03	380	15	395
Exhibition	01	380	15	395
Scientists' visit to farmers field	89	962	-	962
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	05	321	-	321
Method Demonstrations	03	100	-	100
Celebration of important days "Swachhita" Pakwada	04	131	09	140
Special day celebration (Kisan Samman Divas)	01	141	10	151
Exposer Visit	02	100	-	100
Others (pl. specify)				
World Pulses Day	01	26	-	26
Intrnational Women Day	01	63	-	63
Aloo Diwas	01	25	-	25
IIL Kisan Gosthi	01	165	16	181
World Women Day	01	31	03	34
World Milk Day	01	41	-	41
World environment Day	01	19	-	19
Kisan Samman sammaroh	01	140	12	152
Fertilizer & Nutrition Gosthi	01	32	-	32
Tree Plantation	01	62	03	65
Har Ghar Trianga	07	95	-	95
Kisan Bhagidari Prاتمikta Hamari	01	140	-	140
World soil Day	01	65	-	65
Natural Farming	15	240	-	240
Visit of farmers & farmer group to KVK	181	2018	-	2018
Lecture delivered	13	554	-	554
Total	460	9584	148	9732

A. Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	02
News paper coverage	32
Popular articles	-
Radio Talks	01
TV Talks	-
Animal health amps (Number of animals treated)	-
Others (pl. specify) Extension lit. Distributed	02
Total	37

B. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Lives tock	Weather	Marke-ting	Aware-ness	Other enterp rise	
Hapur	Text only	240				Varietal & pest		240
	Voice only							
	Voice & Text both							
	Total Messages	240						240
	Total farmers Benefitted	240						240

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	06	168	Mustard, Wheat, Sugarcane & Poshan Vatika

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 2021-22 (Wheat)	HD - 3086		89.64	143079	Kribhco
	Kharif 2022	Dhecha	Pant Dhencha -1	For Green manuring	-	-
		Jawar	Hariganga	For Fodder	7000	For Cow
Total				89.64	150079	
Oilseeds	Rabi 2021-22 (Mustard)	RH - 0749		19.10	25241	Auction
Pulses						
	Total			19.10	25241	
G.Total				108.74	175320	

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, Cabbage, Cauliflower	Tomato Variety F1 : US – 3383, Lakshmi Brinjal Variety F1 : Navkiran, Rajni		8200	2850.00	23
	Tomato, Brinjal,			150	-	KVK campus
	Onion	Agrifound dark red		28 Kg		
Fruits						
Ornamental plants	Marigold, Candulla, sweet willium, sellum, Candituft, jaranium and ice plant	Pusa Narangi & Pusa Basanti Local Megha Sun flash		9800		
	Marigold, Candulla, sweet willium, sellum, Candituft, jaranium and ice plant	Pusa Narangi & Pusa Basanti Spenurc Local Megha Sun flash		1000	-	KVK campus
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest species						
Others						
Total				19150.00	2850	23

B. Production of Bio-Products

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

C. Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

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

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Krishi Vigyan Kendra, Hapur	01	25 Nov. 2022

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
SVPUA&T	Orientation Prog.	02	03	01
Total		02	03	01

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

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
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 progressive farmer he was selected for demonstration of mushroom cultivation. Earlier he was civil contractor 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 from Dr 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 supervision 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 unit 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 37500.00 per day expenditure Rs 16500.00, take net income Rs 21000.00 per day 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 established in Hapur and nehboring 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.



XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

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

B. Details on Farmer's visit

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

C. Facilities in the ATIC which are in operation

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

D. Technology information provide

D.1. Details on technology information (Jan 2022 to Dec 2022)

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

D.2 . Publications (Print & Electronic media) (Jan 2022 to Dec 2022)

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 2022 to Dec 2022)

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 2022 to Dec 2022)

S. No	Particulars	Number of farmers benefited
01	Advisory	26
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: 01

Number of Directorates of Extension:01

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)
1	SVPUA&T,Meerut	Dr. P.K.Singh	20					

B. Workshops / meetings organized (Jan 2022 to Dec 2022)

S. No.	Details of workshop/meeting conducted	No. of KVKs participated
1	Annual Zonal Review workshop KVKs of U.P	61

C. Visits made by DE / Officials in the Directorate to KVKs (Jan 2022 to Dec 2022)

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	06

D. Overseeing of KVKs activities (Jan 2022 to Dec 2022)

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	04	- Standing crop - Wheat & Mustard crop - Appreciated all activities	- Crop residue should not burn - Herbal Garden & Natural Farming develop by KVK

E. Publication on Technology inventory (Jan 2022 to Dec 2022)

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

F. Technological Products provided to KVKs(Jan 2022 to Dec 2022)

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						TOTAL
				SCs/STs		Others		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	Brackishwater 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/ Shredder / 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) Acievmnt 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/De mos	No. of Farmers	No. of Trainings/De mos	No. of Women Farmers	No. of Trainings/De mos	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 (F/S, C/S)
			Target (q)	Area sown (ha)	Actual Production (q)	
Kharif	Black gram					
	Green Gram					
	Pigeon pea					
Total (Kharif)						
Rabi	Chick pea					
	Field pea					
	Lentil					

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

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

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

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

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

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

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

18) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons participated
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. Achivements under Natural Farming

Name of KVK	Number of awareness / training organized	No. of Participants	Number of demonstrations organized at farms of KVKs	Number of farmers visited demonstration plots
Hapur	14/03	345/120	03	865

XVI Awards -

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received
1	Potato Prouction	Hapur/Shri Vijay Pal Singh	15 Feb. 2022	15 Feb.2022
2	Innovative farmers Award 2022	Hapur/Sh. Omveer Singh	09-11 March. 2022	09-11 March. 2022
3	UTKRISHT KRISHAK SAMMAN 2022	Hapur/Sh. Narendra Kumar Agarwal	14 June. 2022	14 June. 2022

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

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											
LPM	i. Care and management of calf during winter season	11 Jan. 22	PF	1	On	18	-	18	2	-	2
Soil science	i. Use of water-soluble fertilizers in wheat.	07 Jan. 22	PF	1	On	19	-	19	1	-	1
	ii. Importance of micro-nutrient management in S. cane.	10 Jan. 22	PF	1	On	19	-	19	1	-	1
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. 2022	PF	1	On	16	-	16	4	-	4
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. Intercropping of urdbean in Sugarcane	6 April 2022	PF	1	On	2	-	2	18	-	18
	ii. Production technique of direct seeded rice.	18 May 22	PF	1	On	13	-	13	3	-	3
Livestock prod.	i. Urea treatment of poor-quality roughages like wheat straw and paddy straw.	13 April 22	PF	1	On	04	-	04	16	-	16
Soil Science	i. Soil sampling techniques and its importance.	07 May 22	PF	1	On	11	-	11	9	-	9
	ii. Use of bio-fertilizer in paddy nursery.	10 June 22	PF	1	On	11	-	11	9	-	9
Plant protection	i. Integrated insect & disease management in Cucurbits crop.	27 April 22	PF	1	On	16	-	16	4	-	4
Plant breeding	i. Seed production of Urd & Moong bean	25 April 2022	PF	1	On	9	-	9	11	-	11
Horticulture	i. Method of sowing of watermelon.	10 May 2022	PF	1	On	20	-	20	-	-	-
	ii. Nursery preparation of early cauliflower	07 June 2022	PF	1	On	11	-	11	9	-	9
	iii. Planning & layout of mango/ guava orchard	27 June 2022	PF	1	On	16	-	16	4	-	4

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	29 July 22	PF	1	On	12	-	12	8	-	8
Soil Science	i. Importance of water-soluble fertilizer in paddy.	15 Sept. 22	PF	1	On	18	-	18	2	-	2
	Importance of sulphur in oilseed crop production.	25Sept. 22	PF	1	On	18	-	18	2	-	2
Livestock prod.	i. Importance of Mineral mixture in dairy animal.	21 July 22	PF	1	On	05	-	05	15	-	15
Plant breeding	i Seed production of scented rice.	15 July 22	PF	1	On	17	-	17	3	-	3
Plant protection	i. Integrated insect management in Urd	16 Aug. 22	PF	1	On	18	-	18	2	-	2
Horticulture	i. Nutrient management in mango	17 Aug. 2022	PF	1	On	17	-	17	3	-	3
Home Science	i. Low budget nutritious food	27 July 22	PF	1	On	-	10	10	-	10	10
	ii. Balance diet for children to improve health	17 Sept. 2022	PF	1	On	-	10	10	-	10	10
	iii. Importance of Poshan vatika in Poshan Thali	27 Sept. 2022	PF	1	On	-	10	10	-	10	10

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

Crop Production	i. Conserve and decompose the crop residual for in riching in organic carban in soil.	10 Oct. 22	PF	1	On	18	-	18	2	-	2
	ii. Improved varieties of wheat under timely sown condition and their production techniques	22 Nov. 22	PF	1	On	18	-	18	2	-	2
LPM	i. Balance feeding of cattle and buffaloes.	6 Oct. 22	PF	1	On	18	-	18	2	-	2
Soil science	i. Crop residue management.	21 Oct. 22	PF	1	On	18	-	18	2	-	2
Plant Protection	i. Integrated insect & disease management in rabi pulses.	16 Nov. 22	PF	1	On	18	-	18	2	-	2

Plant Breeding	i. Seed Production of Mustard	06 Oct. 22	PF	1	On	18	-	18	2	-	2
	ii. Identification of high yielding & disease resistant variety of sugarcane.	16 Oct. 22	PF	1	On	18	-	18	2	-	2
Home Science	i. Importance of Vaccination in Pregnant women.	27 Oct. 22	PF	1	On	-	10	10	-	10	10
Agri. Extension	i. Introduction: FPO	06 Oct.22	PF	1	On	18	-	18	2	-	2
	ii. Target of FPO	06 Dec. 22	PF	1	On	18	-	18	2	-	2

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

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
Ist Quarter											
Crop Production	Ratoon management of sugarcane crop	28 Jan. 22	PF	1	Kaniya	18	-	18	2	-	2
	Production tech. of inter crop in spring sugar cane	03 Feb 22	PF	1	Sikhera	17	-	17	3	-	3
LPM	Symptoms, prevention and control of FMD disease	07 Feb.22	PF	1	Atoota	16	-	16	4	-	4
	Mastitis diseases in milch animals its causes and control.	15 March 22	PF	1	Kaniya	7	-	7	13	-	13
Soil Science	i. Importance of micronutrients in sugarcane.	11Jan.2022	PF	1	Atoota	13	-	13	7	-	7
	ii. Soil sampling techniques and its importance.	19 Feb. 2022	PF	1	Kaniya	13	-	13	7	-	7
Plant Breeding	i. Technology of quality wheat seed production.	12 Feb. 2022	PF	1	Atuta	16	-	16	4	-	4
	ii. Technique of roughing in wheat seed production	25 Feb. 2022	PF	1	Kaniya	18	-	18	2	-	2
Horticulture	i. Weed management in Onion crop	18 Jan. 2022	PF	1	Badagpur	18	-	18	2	-	2
	ii. Sowing /transplanting of cucurbitaceous crops	19 Jan. 2022	PF	1	Tatarpur	11	-	11	9	-	9

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IIInd Quarter											
Crop Production	i. Production technology of late planted sugarcane.	11 April 2022	PF	1	Sikhera	10	-	10	10	-	10
LPM	Green fodder production throughout the year	12 May 22	PF	1	Bigehepur	2	-	2	18	-	18
	Management of milking animal during summer season.	25 May 22	PF	1	Upeda	20	-	20	-	-	-
	Balance ration for milch animals and heifers	30 May 2022	PF	1	Bagadpur	1	-	1	19	-	19
Soil Science	i. Role of INM in S. cane.	12 April 22	PF	1	Datiyana	19	-	19	1	-	1
Plant breeding	i. Seed production of Moong bean.	08 May 22	PF	1	Upeda	20	-	20	-	-	-
	ii. Seed production of basmati rice.	23 June 22	PF	1	Sikhera	19	-	19	1	-	1
Horticulture	i. Cultivation of Bhindi on ridges.	15 April 2022	PF	1	Bagadpur	16	-	16	4	-	4
	i. Sowing technique of summer Radish.	23 June 2022	PF	1	Simmroli	10	-	10	10	-	10
	i. Sowing techniques of Banana.	24 June 2022	PF	1	Tatarpur	13	-	13	7	-	7

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											
Horticulture	i. Fertilizer management in Marigold crop.	16 July 22	PF	1	Bhadurgarh	17	-	17	3	-	3
	i. Preparation of nursery in Tomato crop	16 Aug 22	PF	1	Bagarpur	16	-	16	4	-	4
	i. Fertilizer management in Mango orchard	25 Aug. 22	PF	1	Garh	18	-	18	2	-	2
LPM	i. Effect of deworming in farm animals	14 July 2022	PF	1	Atuta	17	-	17	3	-	3
	ii. Infertility management in dairy animal.	11 Aug. 22	PF	1	Upeda	18	-	18	2	-	2

	iii. Feeding management in dairy animal.	13 Sept. 22	PF	1	Bagadhpur	18	-	18	2	-	2
Soil Science	i. Technique of vermin and Nadep compost production.	18 July 22	PF	1	Atuta	15	-	15	5	-	5
	ii. Water management through mulching	02 Aug 22	PF	1	Mohmadpur	14	-	14	6	-	6
Plant breeding	i. Seed production of scented rice.	28 July 22	PF	1	Bangarpur	18	-	18	2	-	2
	ii. Identification of off-type plant & their roughing technique in basmati rice.	06 Aug. 22	PF	1	Upeda	16	-	16	4	-	4
Home Science	Balance diet for children to improve health	29 Sept. 22	PF	1	Dholahna	-	10	10	-	10	10
Agri. Ext.	Introduction: FPO	24 Sept. 22	PF	1	Atuta	18	-	18	2	-	2
	Target of FPO	25 Sept. 22	PF	1	Simmroli	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	22 Oct. 21	PF	1	Atuta	18	-	18	2	-	2
	Weed management in wheat	08 Dec. 22	PF	1	Atuta	18	-	18	2	-	2
Horticulture	i. Sowing techniques of Garden pea.	15 Oct 22	PF	1	Bagadpur	18	-	18	2	-	2
	i. Garlic plantation on ridges	17 Nov.22	PF	1	Kaniya	18	-	18	2	-	2
	i. Rejuvenation of mango orchards	19 Dec. 22	PF	1	Garh	18	-	18	2	-	2
LPM	Care and feed of newly born calves.	09 Nov. 22	PF	1	Upeda	18	-	18	2	-	2
	Care of milch animals and calves in winter season.	14 Dec. 22	PF	1	Simroli	18	-	18	2	-	2
Soil Science	i. Importance of water soluble fertilizers in rabi crops	29 Oct. 22	PF	1	Sikhera	18	-	18	2	-	2
	ii. Water saving techniques Importance of soil testing.	16 Nov. 22	PF	1	Upeda	18	-	18	2	-	2

Plant Protection	i. Management of early and late blight disease in potato	18 Oct. 22	PF	1	Sikhera	18	-	18	2	-	2
Plant Breeding	i. Identification of high yielding sugarcane variety.	07 Oct. 22	PF	1	Shyampur Vigas	18	-	18	2	-	2
	ii. Importance of isolation distance in wheat seed production.	14Nov. 22	PF	1		18	-	18	2	-	2
Home Sci.	i. Technique of nutritional value of food during cooking food.	22 Nov. 22	PF	1	Simmroli	-	10	10	-	10	10
	ii. Value addition : Seasonal Fruits	28 Nov. 22	PF	1	Upeda	-	10	10	-	10	10
	iii. Reduction of time & drudgery by the use of improved Agricultural implements for Agri. women	29 Nov. 22	PF	1	Simmroli	-	10	10	-	10	10
	iv. Role of vitamin & minerals in diet	20 Dec. 22	PF	1	Sikhera	-	10	10	-	10	10
	v. Anemia during pregnancy: its causes prevention and treatment	22 Dec. 22	PF	1	Atuta	-	10	10	-	10	10
Agri. Ext.	Constitution of Self Help Group for women empowerment.	29 Oct. 22	PF	1	Simmroli	18	-	18	2	-	2
	Importance of Natural farming in Agriculture	22 Nov. 22	PF	1	Simmroli	18	-	18	2	-	2

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.	14 -18 June 2022	Promotion of Dairy farming	RY	5	Dholhana	08	-	08	2	-	2
Plant breeding	Cucurbits veg. seed production technique	13-18 June 2022	Promoting seed production technique	RY	5	Dholhana	08	-	08	2	-	2
IIIrd Quarter												
Soil Science	Production technique of BGA and Azola. compost production	16-18 Aug 2022& 22-23 Aug 2022	Promotion of organic manure	RY	5	Kaniya	07	-	07	3	-	3

Horticulture	Nursery mang. of cucumber and capsicum cultivation and tomato under polyhouse.	21-25 July 2022	Nursery management	RY	5	KVK	07	-	07	3	-	3
Plant Breeding	Basmati rice seed production technology.	20-24 July 2022	Seed Production	RY	5	Shyampur	08	-	08	2	-	2
IVth Quarter												
Plant Breeding	Technique of quality wheat seed production	16-21 Nov. 2022	Seed Production	RY	5	KVK	10	-	10	-	-	-
Horticulture	Rose & Gerbera production under poly houses	21-25 Nov. 22	Protected Cultivation	RY	5	KVK						
LPM	Poultry production	20-24 Dec. 22	Techniques of Poultry farming	RY	5							
Home Sci.	Making different types of pickles	12-16 Dec. 2022	Value addition	RY	5	KVK	-	06	06	-	04	04
Agri. Ext.	Introduction: FPO	21-27 Dec 2022	Value addition	RY	5	KVK	10	-	10	-	-	-

(iii) Training Programme for Extension Functionaries

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST			
						M	F	Total	M	F	Total	
Ist Quarter												
Crop Production	Production technology of intercrop in spring sugarcane	23 Feb 22	EF	1	OFF	07	-	07	3	-	3	
LPM	Feeding management of Goat.	16 Mar 22	EF	1	OFF	08	-	08	2	-	2	
Soil Science	Importance of Nadap and vermin-compost for soil health. .	22 Feb 2022	EF	1	OFF	08	-	08	2	-	2	
Plant Breeding	Radish seed production technique.	10 Jan 2022	EF	1	OFF	08	-	08	2	-	2	
Horticulture	Intercropping vegetable with spring sugarcane	7 Feb. 22	EF	1	On/Off	06	-	06	4	-	4	

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IIrd Quarter											
LPM	Management of milking animal during summer season.	19 May 22	EF	1	OFF	08	-	08	2	-	2
Horticulture	Selection of plant and planting technique of Guava	6 June 22	EF	1	OFF	09	-	09	1	-	1
Plant breeding	Seed Production of moong bean.	15 May 2022	EF	1	OFF	08	-	08	2	-	2

IIIrd quarter											
LPM	Importance of vaccination in farm animals	26 Aug. 22	EF	1	OFF	08	-	08	2	-	2
	Importance of mineral vitamins in animal feeds	26 Sept. 22	EF	1	OFF	08	-	08	2	-	2
Soil Science	Use of sulphur in oil seed crop.	27 Aug. 2022	EF	1	OFF	08	-	08	2	-	2
Horticulture	INM in commercial fruits	08 Aug 22	EF	1	OFF	09	-	09	1	-	1
Plant breeding	Seed Production of scented rice.	09 Sept. 22	EF	1	OFF	08	-	08	2	-	2

IVth Quarter											
LPM	Importance of Natural Farming	18 Nov. 2022	EF	1	On/Off	08	-	08	2	-	2
	Use of mineral mixture and its importance for milch animals	28 Dec.2022	EF	1	On/Off	08	-	08	2	-	2
Soil Science	Use of water soluble fertilizers in wheat.	10 Nov. 2022	EF	1	On/Off	08	-	08	2	-	2
Horticulture	Nursery raising of cucurbits	16 Dec. 22	EF	1	On/Off	08	-	08	2	-	2
Plant Breeding	Seed production technique of wheat.	21 Oct. 2022	EF	1	On/Off	08	-	08	2	-	2
Home Sci.	Anemia: its causes prevention and treatment	12 Oct. 2022	EF	1	On/Off	-	08	08	-	02	2
Agri. Ext.	Constitution of Self Help Group for women empowerment.	29 Nov. 2022	EF	1	On/Off	-	08	08	-	02	2