PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan to August 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	29	580		580
Rural youths	04	40	-	40
Extension functionaries	08	80	-	80
Sponsored TrainingFTT	03	150	-	150
Vocational Training	-	-	-	-
Total	**44**	**850**	**-**	**850**

2. Frontline demonstrations

Enterprise	No. of Farmers	No./Area (ha)	Units/Animals
Oilseeds	25	10	-
Pulses	25	10	-
Cereals	40	16	-
Vegetables	10	1.0	-
Other crops	-	-	-
Hybrid crops	-	-	-
Total	**100**	**37**	-
Livestock & Fisheries	10	10	-
Other enterprises	-	-	-
Total			-
Grand Total	**110**	**10/37.0**	**-**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	04	17	17
Livestock	-	-	-
Various enterprises	-	-	-
Total			
Technology Refined	04	17	17
Crops	-	-	-
Livestock		-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	**04**	**17**	**17**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	985	10092
Other extension activities	31	31
Total	**1016**	**10123**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	-	-	-	-	-	-	-
	Voice only	-	-	-	-	-	-	-
	Voice & Text both	498	04	08	07	25	06	548
	Total Messages	498	04	08	07	25	06	548
	Total farmers Benefitted	2084	195	97	96	378	90	2940

6. Seed & Planting Material Production

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

7. Soil, water & plant Analysis

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

8. HRD and Publications

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

DETAIL REPORT OF APR-2022

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, Paltha Mithanpur,Chandausi	Office	FAX	
Sambhal (U.P.) - 202412	-	-	Sambhalkvk@gmail.com

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Mahavir .Singh	Bahjoi,Sambhal	9457826151	Sambhalkvk@gmail.com

1.4. Year of sanction: 2018

1.5. Staff Position (as on 31st August, 2022)

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	-	-	-	-	-	-	-	-	-	-	sambhalkvk@gmail.com
2	Subject Matter Specialist	Dr. Mahavir Singh	SMS/Asstt.Prof **Officer Incharge**	Agronomy	15600-39100	98200 + 8000	21-06-2008	Permanent	SC	9457826151	46	mahavirsre@mail.com
3	Subject Matter Specialist	Dr. Arvind Kumar	SMS/ Asst. Prof.	Plant Protection	15600-39100	101100 + 8000	23-06-2008	Permanent	Gen	9412170753	50	tharvindk2000@gmail.com
4	Subject Matter Specialist	Mr. Pankaj	SMS/T6	Live stock Production	15600-39100	56100	4.7.2022	Permanent	SC	9838196310	29	Pankajkumar.8108@gmail.com
5	Subject Matter Specialist	Mr. Jyoti Swaroor	SMS/T6	Horticulture	15600-39100	56100	5.7.2022	Permanent	EWS	9335692231	37	Trivedi9452006609@gmail.com
6	Subject Matter Specialist	Vacant	Vacant		-	-	-	Vacant	-	Vacant	-	-
7	Subject Matter Specialist	Vacant	Vacant		-	-	-	Vacant	-	Vacant	-	-
8	Programme Assistant	Vacant	Vacant		-	-	-	Vacant	-	Vacant	-	-
9	Computer Programmer	Vacant	Vacant		-	-	-	Vacant	-	Vacant	-	-
10	Farm Manager	Dr. Devendra pal Singh	Farm Manager	Agronomy	9300-34800	50500	31-07-2008	Permanent	OBC	941106296	48	941106296dr@gmail.com
11	Accountant / Superintendent	vacant										
12	Stenographer	P rakish Narayan Pal	Steno/Comp Operator	-Steno	9300-34800	53600-	14-09-2000	Permanent	OBC	9452574716	52	Prakashpal35@gmail.com
13	Driver	Vacant	Vacant	-	-	-	-	Vacant	-	Vacant		-
14	Driver	Vacant	Vacant	-	-	-	-	Vacant	-	Vacant		-
15	Supporting staff	Amar	Village Attendant	-	5200-20200	-	-	Vacant	-	Vacant		-

		singh										
16	Supporting staff	Vacant	Vacant	-	-	-	-	Vacant	-	Vacant		-

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

S. No.	Item	Area (ha)
1	Under Buildings	0.7
2.	Under Demonstration Units	-
3.	Under Crops	10.5
4.	Orchard/Agro-forestry	-
5.	Others (specify) Irrigation channel,Path way etc.	0.8

1.7. Infrastructural Development:

A) Buildings

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero	2022	743150	9135	Working
Tractor	2022	-	150 hrs	Working
-	-	-	-	-

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer	2022	59995	Working
Printer	2022	19331	Working
Disk Hairo	2022	47500	Working
Cultivator	2022	26300	Working

1.8. A). Details SAC meeting* conducted in the year-
वैज्ञानिक सलाहकार समिति द्वारा दिये गये सुझावों का विवरण –

Sl.No.	Date	Name and Designation of participants	Silent Recommendations	Action taken
1	25 Nov 2021	डा0गोपाल सिंह संयुक्त निदेशक प्रसार	नाबार्ड को सब्जी उत्पादन में तकनिकी सहयोग दिया जाये।	उद्यान वैज्ञानिक द्वारा सब्जी उत्पादन विषय पर 2 प्रशिक्षण दिये गये जिसमें 40 लाभार्थियों ने भाग लिया।
2		डा0 के0जी0यादव सह प्रा0 (सस्य विज्ञान	नेनो यूरिया का प्रदर्शन किया जाये तथा कृषक प्रशिक्षण भी कराये जाये।	केन्द्र के प्रक्षेत्र पर 5 हैक्टेयर में धान फसल पर नैनो यूरिया के प्रदर्शन लगा है एवं किसान गोष्ठी आदि में नैनों यूरिया का प्रचार प्रसार किया जाता है।
3		श्री अंकूर कुमार डी0डी0एम0 नाबार्ड	एफ0पी0ओ0 के रजिस्टर किसानों को सब्जी उत्पादन में तकनीकी सहयोग प्रदान किया जाये।	जनपद में 11 एफ पी ओ स्थापित हैं केन्द्र द्वारा 6 एफ पी ओ के कृषकों को तकनीकी प्रशिक्षण दिये गये।
4		श्री हीरा सिंह जीना (उप कृषि निदेशक, सम्भल)	उर्द में मोजेक समस्या का समाधान किया जाये।	केन्द्र द्वारा सी एफ एल डी योजना में उर्द की मौजेक अवरोधी प्रजाति पंत उर्द 31 का बीज 25 किसानों को वितरित किया गया।
5		श्री सोमपाल सिंह (सम्मानित सदस्य वैज्ञानिक सलाहकार समिति)	पशु पालन वैज्ञानिक की नियुक्ति केन्द्र पर कराई जाये।	केन्द्र पर पशुपालन वैज्ञानिक श्री पंकज ने 4 जुलाई 2022 को अपना कार्यभार ग्रहण कर किसानो को पशुओं से सम्बंधित प्रशिक्षण दे रहे है।
6		श्रीमती जयवन्ती देवी (सम्मानित सदस्या वैज्ञानिक सलाहकार समिति)	केन्द्र पर महिलाओं से सम्बन्धित प्रशिक्षण आयोजित कराये जाये।	केन्द्र पर गृह वैज्ञानिक की नियुक्ति होने पर महिलाओं से सम्बन्धित प्रशिक्षण आयोजित कराये जायेगें।
7		श्री अनिल दत्त दुबे (सम्मानित सदस्य वैज्ञानिक सलाहकार समिति)	जैविक खेती हेतु जैविक खाद, केचुआ खाद बनाने का प्रशिक्षण कृषकों दिये जाये।	केन्द्र द्वारा 4 प्रशिक्षण प्राकृतिक/जैविक खेती पर दिये गये है जिसमें 206 किसान लाभान्वित हुए

2. DETAILS OF DISTRICT :-

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

S. No	Farming system/enterprise
1.	Major crops – Paddy/Maize/Bajara, Wheat, Mustard, Sugarcane, Mentha, Lentil, Potato.
2.	Crop rotation– Rice- Wheat, Rice-Sugarcane-Wheat, Urd-Mustard-Mentha, Urd-Wheat+Mentha, Bajra-Mustard-Mentha,
3.	Agriculture + Hort. + Livestock
4.	Agri. + Livestock
5.	Landless + Livestock

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

S. No	Agro-climatic Zone	Characteristics
1.	I- Mid western plain zone of the district	-Sandy,Sandy Loam with medium fertility - medium rainfall
2.	II. Mid western plain zone of the district	-Sandy loam to loam, clay loam soil of medium fertility - medium rainfall

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Clay loam	-	64571.00
2	Sandy soil	-	125478.00
3	Sandy loam	-	45871.00
4	Loam	-	12000.00
	Total	**-**	**247920.00**

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

S. No	Crop	Area (000ha)	Production (000MT)	Productivity (Qtl /ha)
A	**FIELD CROPS INCLUDING OIL SEEDS AND PULSES**			
1.	Wheat	139.858	564.047	37.64
2.	Lentil	1.002	1.041	1039
3.	Mustard	144.14	23.710	15.12
4.	Paddy (Rice)	37.703	97.462	29.85
5.	Bajra	78.777	121.463	15.42
6.	Urd	6.928	6.221	8.98
7.	Maize	3.699	9.022	24.39
8.	Ground nut	0.006	0.006	9.94
9.	Pea	0.162	0.166	1023
10.	Till	0.634	0.143	2.26
B	**VEGETABLES**			
1.	Potato	14500	3625000	250.00
2.	Onion	107	21400	200.00
3.	Cauliflower	3023	997900	330.00
4.	Tomato	515	231750	450.00
5.	Bottel guard	242	55660	230.00
C.	**Fruits**			
1.	Mango	3110	653100	210.00
	Guava	2375	665000	280.00

A- Area in ha. P- Production in M. tons.

2.5. Weather data

Sl. No.	Month	Average Rainfall in mm
1	Jan., 2022	63.83
2	Feb., 2022	34.83
3	March, 2022	0.0
4	April, 2022	0.0
5	May, 2022	33.16
6	June, 2022	26,33
7	July, 2022	187.67
8	Aug., 2022	82.17
	Total	**427.97**

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

Category	Population	Production	Productivity
Cattle			
Crossbred	**180244**	**Data not available**	**Data not available**
Indigenous		**-**	**-**
Buffalo	**710993**	**-**	**-**
Sheep	**2040**		
Crossbred	**3656**	**-**	**-**
Indigenous		**-**	**-**
Goats	**84709**	**-**	**-**
Pigs	**3261**	**-**	**-**
Rabbits	**-**	**-**	**-**
Poultry	**127208**		
Hens	-	**-**	**-**
Desi	**-**	**-**	**-**
Improved	**-**	**-**	**-**
Ducks	**-**	**-**	**-**
Turkey and others	**-**	**-**	**-**
Fish	**536 Ponds**	**446.64ha**	**42.0**
Category	**Area**	**Production**	**Productivity**
Fish	**-**	**-**	**-**
Marine	**-**	**-**	**-**
Inland	**-**	**-**	**-**
Prawn	**-**	**-**	**-**
Scampi	**-**	**-**	**-**
Shrimp	**-**	**-**	**-**
	536 ponds(446.64ha)	**-**	**42.0**

2.7 Details of Operational area / Villages (31st August, 2022)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Chandaushi	Baniyakhera	Lakhneta,Paltha, Akroli, Raholi,Maithra, Gumthal Nawabpura Alhedadpur Chammu,Nagla purwa,Berni	Sugarcane,Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture Lack of knowledge of high yielding varieties, and Plant protection measures .
2	Chandaushi	Bhajoi	Achalpur,Nehata Ata,Majhawali, Sadatbari,Nadhaus Nagaliya Ballu	Sugarcane,Urd, Sugarcane,Wheat, paddy,Sugarcane Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties, nutrient mgt. and Plant protection measures .
3	Sambhal	Pawasa	Shihori,Chiroli	Sugarcane,Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties,nutrient mgt. and Plant protection measures .
4	Gunaur	Rajpura	Nogawa,Gingholi kaiiu	Sugarcane,Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low yield of paddy, wheat, mustard, urd,Lentil, Potato etc.	Diversification & Lack knowledge of high yielding varieties, and balance use of fertilizers, Insect and pest management.

5	Sambhal	Asmauli	Asmoli	Sugarcane, Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture Lack of knowledge of high yielding varieties, and Plant protection measures .
6	Gunaur	Junawai	Nagala Ajmeri, patria	Sugarcane, Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties,nutrient mgt. and Plant protection measures .
7	Gunaur	Gunaur	Akbarpur. Rashoolpur	Sugarcane, Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties,nutrient mgt. and Plant protection measures
8	Sambhal	Sambhal	Dhansoli, Phoolpur	Patoto,Maize Sugarcane, Urd, Wheat, paddy, Lentil, Mentha ,Mustard Bajra Cows &Buffaloes	Low Productivity of paddy, wheat, mustard, urd etc.	Lack of knowledge about high yielding varieties, nutrient mgt. and Plant protection measures

2.8 Priority/thrust areas

S.N.	Crop/ Enterprise	Thrust area
1.	Rice/Wheat	HYV,IPNM,IWM,IPM
2.	Potato	IPNM,HYV/IPM
3.	Pulses	Enhancing the area under Kharif & Rabi pulses,IWM,HYV,IPM
4.	Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.HYV,IPM
5.	Mentha	HYV, IPNM,IWM,IPM
6.	Sugarcane	HYV,IPNM,IWM,IPM
7.	Vegetables Crops	HYV,IPNM,IWM,IPM,IDM
8.	Live stock production	Milk production, Disease management, Feed and fodder management
9.	Horticulture	HYV,IPNM,IWM,IPM,IDM Protected vegetable cultivation

2.9 Intervention/ Programmes for the doubling the farmers income –(Jan. to August 2022) **Demonstrations**

Assessment of suitable combination of inter crops with Autumn sugarcane (Sugarcane+Mustard) and rabi- wheat +Mentha

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent Yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping Autumn Sole crop Sugarcane	670	-	-	90350.00	147650.00	2.64	
Rabi- Sole crop-wheat	38.40	-	-	40900	43115	1.95	

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**
Sugarcane+Mustard	920.00	15.80	243	97980.00	235420.00	3.42	
Wheat+Mentha	37.10	76	44.25	62800	98070	2.57	

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. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2022

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
12	04	48	17	30/20	17/10	124	41
		CFLD Oil seed-		10	10	25	25
		CFLD Pulses-		10	10	25	25

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	80	29	1600	580	500	1016	4000	10123
Rural youth	14	04	140	40				
Extn. Functionaries	30	8	300	80				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement (For commercial production)	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
Seed production (Wheat)	3862qt. Rs.802500.00	-	-	-	-

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management				

Varietal Evaluation				
Integrated Pest Management	Paddy	Control of brown Plant hoper in paddy	01	05
Inter Cropping Management	Sugarcane	Inter cropping Sugarcane + Mustard	01	04
Integrated Disease Management	Mentha	To test the efficacy insecticide against leaf eating caterpillars in mentha	01	04
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology	Sugarcane	Evaluation of planting techniques of sugarcane	01	04
	Mango	Window opening in mango for quality production	04	04
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)	Sugarcane	Intercropping (Sugarcane +Mustard)	01	04
Total			**04**	**17**

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	Buffalo	**Evalution of different feed supplement to check the infertility in milch** Buffalo**.**	10	10
Evaluation of Breeds	Evaluation of conventional and **Bye-pass feed** in Buffalo.	Bye-pass feed	10	10
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Integrated insect management	Mentha	To test the efficacy insecticide against leaf eating caterpillars in mentha	4	4
	Paddy	Control of brown Plant hoper in paddy	5	5
Intercropping	Sugarcane	Intercropping (Sugarcane +Mustard)	4	4
Resource conservation	Sugarcane	Evaluation of planting techniques of sugarcane	4	4

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

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

Thematic areas	Crop	Name of the technology refined
Integrated Nutrient Management		
Varietal Evaluation		
Integrated Pest Management	Paddy	Sheet blight disease Control through Azoxystrobin 18.2% + Defenoconazol 11.14% SC @ 500ml/ha
Integrated Crop Management	Urd	
	Mustard	
	Lentil	
Integrated Disease Management	Paddy	Control of stem borer in paddy through Chlorantraniliprole 0.4G @ 10kg./ha.
Small Scale Income Generation Enterprises		
Weed Management	Paddy	Weed control through post emergence herbicide (Bispyribac Sodium 10%) @200ml /ha
	Wheat	Weed mgt. through clodinophop 15wp+metsulfuron 20wp 400g+20g/ha
Resource Conservation Technology		
Farm Machineries		
Integrated Farming System		
Seed / Plant production		
Value addition		
Drudgery Reduction		

Storage Technique		
Others (Pl. specify)		
Total		

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management	Buffalo		10	10
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies refined under various enterprises by KVKs

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

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

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

Planting method of sugarcane (Spring– 2021)

OFT-1

Problem definition: Low yield due to conventional planting method of sugarcane in spring season.

Technology Assessed or Refined : *Improved trench planting method of sugarcane*

To increase yield and income of sugarcane growers KVK, Sambhal conducted on-farm trial on improved trench planting methods of sugarcane at 100 cm spacing with two row and parallel in furrow.

Table Performance Trench method planting inter crop in sugarcane

Treatments	*No. of trial*	*Yield (q/ha)*	*% change in Yield*	*No. of mealable cane ($x10^3$/ha)*	*Cost of cultivation (Rs./ha)*	*Gross income (Rs./ha)*	*Net Income (Rs. in lakh/ha)*	*BC Ratio*
		S.Cane (CO-0238)						
T_1:Planting sugarcane at		670.00	-	71.3	95850.00	234500.00	138650.00	2.44

75 cm row spacing (FP)	*04*							
T_2: Improved trench method 100 cm		880.00	31.34	86.9	98560.00	308000.00	209440.00	3.12

Sugarcane Rs. 350/q

Recommendation: The data showed in table shows that T_2 (Trench planting) planted at 100 cm. row to row distance, gave higher sugarcane yield 880q./ha This treatment was good to increase yield and income as compare to farmers practice

Farmers reactions : Trench planting sugarcane is very use full planting method for higher yield and income. Date of planting & harvesting: 16-19 Feb. 2021 &11-20 March.. 2022

PEST AND DISEASE MANAGEMENT (Zaid– 2021)

OFT-2

Problem definition	Low yield of sugarcane due to infestation of early shoot borer.
Technology assessed or refined	To test the efficacy of insectisides against early shoot borer in sugar cane
No. of Farmers	04

KVK Sambhal conducted on-farm trial to Control of early shoot borer in sugar cane.by the use of Chlorantraniliprole 18.5 SC @ 375ml/ha gave 14.01% higher yield over farmers practice (Chloropyriphos 20 EC@ 3lit./ha).The insect infestation showed 1.28 times more in farmers practice as compare to Chlorantraniliprole 18.5 SC treated plots.

Table: Effect of Chlorantraniliprole 18.5 SC in control of early shoot borer.in sugarcane

Technology Option	No.of trials	Incidence of Early shoot borer (%)	Yield (q/ha)	% Increase in yield over farmer's practice

T_1- Use of *Chloropyriphos 20EC@3.0lit/ha* (Farmers practice)	04	8	710	-
T_2- Use of Chlorantraniliprole 18.5 SC @ 375ml/ha.		6	790	11.26

Recommendation: The data showed in table shows that T_2 – *Use of Chlorantraniliprole 18.5 SC @* 375ml/ha in 1000lit. of water in the form of drenching after 30-40 days of planting ,and after that irrigate the field within two days, gave higher yield 790q/ha. This treatment is more effective to minimize and control of the early shoot borer as compare to T_1- Farmers practice (Use of *Chloropyriphos 20EC@3.0lit/ha*)

Farmers reactions : *Use of Chlorantraniliprole 18.5 SC @* 375ml/ha in 1000lit. of water drenched plots had healthy plants with more yield and less infestation of early shoot borer as compare to T_1- Farmers practice. This treatment was highly effective to control early shoot borer.

Date of planting—2-6 March2021

harvesting: 10-15 Feb.2022

PEST AND DISEASE MANAGEMENT
(Zaid– 2022)

OFT-3

Problem definition Low yield of mentha oil due to infestation of Leaf eating caterpillars in the farmers field

Technology assessed or refined To test the efficacy insecticide against leaf eating caterpillars in mentha

No. of Farmers 04

KVK Sambhal conducted on-farm trial to Control of leaf eating caterpillars in mentha.by the Use of Chlorantraniliprole 9.3%+Lambda Cyhalothrin 4.6% ZC @ 250 ml/ha. gave 13.31% higher yield over farmers practice (Chlorantraniliprole 10%+Lambda Cyhalothrin 5% ZC @ 250 ml/ha).The insect infestation showed 1.42 times more in farmers practice as compare to Monocrotophos 36 SL @ 1.5 lit/ha treated plots.

Table: Effect of Chlorantraniliprole 9.3%+Lambda Cyhalothrin 4.6% ZC @ 250 ml/ha.in mentha

Technology Option	No.of trials	Incidence of Early shoot borer (%)	Yield (q/ha)	% Increase in yield over farmer's practice
T_1 : Farmers practice (Use of Monocrotophos 36 SL @ 1.5 lit/ha.)	04	10	122	-
T_2 : Use of Chlorantraniliprole 9.3%+Lambda Cyhalothrin 5% ZC @ 250 ml/ha.		7	138.25	13.31

Recommendation: The data showed in table shows that T_2 – Use of Chlorantraniliprole 9.3%+Lambda Cyhalothrin 5% ZC @ 250 ml/ha.in 700lit. of water in the form of drenching after 30-40 days of planting ,and after that irrigate the field within two days, gave higher yield 138.25q/ha. This treatment is more effective to minimize and control of the leaf eating caterpillars in mentha as compare to T_1 - Farmers practice (Use of Monocrotophos 36 SL @ 1.5 lit/ha)

Farmers reactions : *Use of Chlorantraniliprole 18.5 SC @* 375ml/ha in 1000lit. of water drenched plots had healthy plants with more yield and less infestation of early shoot borer as compare to T_1 - Farmers practice. This treatment was highly effective to control early shoot borer.

Date of planting—3-5 march2021

harvesting: 10-15 Feb.2022

Intercropping (Sugarcane+mustard)
(Autumn-2021-22)

OFT-4

Problem definition: Low income due to alone crop production of sugarcane in autumn.

Technology Assessed or Refined: Intercropping of sugarcane +mustard

KVK, Sambhal conducted On farm trail to increase yield and income of sugarcane growers by inter cropping of sugarcane+ mustard.

Table Performance intercrop planting of sugarcane+mustard

Treatments	No. of trial	Yield (q/ha)		% change in Yield	No. of mil/able cane ($x10^3$/ha)	Cost of cultivation (Rs./ha)	Gross income (Rs./ha)	Net Income (Rs. in lakh/ha)	BC Ratio
		S.Cane (Co-0238)	Mustard (J-31)						
T_1:Planting sugarcane alone (FP)	04	*Result awaited*							
T_2: Intercropping of Mustard									

Planting method of sugarcane
(Spring– 2022)

OFT-5

Problem definition: Low yield due to conventional planting method of sugarcane in spring season.

Technology Assessed or Refined : *Improved trench planting method of sugarcane*

To increase yield and income of sugarcane growers KVK, Sambhal conducted on-farm trial on improved trench planting methods of sugarcane at 100 cm spacing with two row and parallel in furrow.

Table Performance Trench method planting inter crop in sugarcane

Treatments	***No. of trial***	***Yield (q/ha)***	***% change in Yield***	***No. of mealable cane (x10^3/ha)***	***Cost of cultivation (Rs./ha)***	***Gross income (Rs./ha)***	***Net Income (Rs. in lakh/ha)***	***BC Ratio***
		S.Cane (CO-0238)						
T_1:Planting sugarcane at 75 cm row spacing (FP)	*04*	*Result awaited*						
T_2: Improved trench method 100 cm								

PEST AND DISEASE MANAGEMENT
(Kharif– 2022)

OFT-6

Problem definition Low yield of paddy due to infestation of brown plant hopper in the farmers field.

Technology assessed or refined To test the efficacy of insecticide against brown plant hopper in paddy

No. of Farmers 04

KVK Sambhal conducted on-farm trial to Control of brown plant hopper in paddy.by the Use of Dinotefuran20 SG@ 200 g/ha.Two spray

Table: Effect of Dinotefuran20 SG@ 200 g/ha.Two spray brown plant hopper in paddy

Technology Option	**No.of trials**	**Incidence of Early shoot borer (%)**	**Yield (q/ha)**	**% Increase in yield over farmer's practice**
T_1 : Farmers practice (use of Imidacloprid 17.8SL Two spray @ 250ml/ha)	05	*Result awaited*		
T_2 :Use of Dinotefuran20 SG@ 200 g/ha.Two spray				

I. FRONTLINE DEMONSTRATIONS OIL SEED AND PULSES

List of technologies demonstrated during previous year and popularized during 2021 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1.	Mustard	ICM	To demonstrate the HYV of Mustard Weed, Nutrient &Pest management	Through training,Gosthies,Field day,FLD,and electronic media	25	150	250
2.	Black Gram	ICM	To demonstrate the HYV of Back Gram Weed, Nutrient &Pest management	Through training,Gosthies,Field day,FLD,and electronic media	25	150	250

1.CFLD- 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 (IJ-31)	ICM	To demonstrate the HYV of Mustard Weed, Nutrient &Pest management	*Rabi* 2021-22	10.0	10.0	03	22	25	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing/T. date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Mustard	*Rabi* 2021-22	Irrigated	Sandy Loam	Low	Medium	Medium	Jawar	10-15 Oct .. 2021	1-5 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 (%)	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	To demonstrate the HYV of Mustard Weed, Nutrient &Pest management	IJ-31	25	10	22.10	18.10	20.45	16.30	14	30500	102250	71750	3.35	28400	81500	53100	2.86

a. Technical feedback

S.No	Feed Back
1	The use of integrated crop managemrnt (Seed,sulphur,Weedicide, fungicide,insecticide) higher yield compare to farmers check plots.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	The variety of mustard IJ-31 good perform for production.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1	Field Days	04	142	-
	Media coverage	01	Mass	-

1.CFLD- Black Gram

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.	Black gram	ICM	To demonstrate the HYV of Black Gram Weed, Nutrient &Pest management	*Kharif*2022	10.0	10.0	05	20	25	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing/T. date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Black Gram	*kharif* 2022	Irrigated	Loam	Low	Medium	Medium	Wheat	10-25 July.. 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 (%)	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
Mlack Gram	ICM	To demonstrate the HYV of Black Gram Weed, Nutrient &Pest management	PU-31	25	10	Result awaited												

II. FRONTLINE DEMONSTRATIONS OTHER THEN (OILSEED AND PULSES)

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2021 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1.	Mentha	IPM	Control of leaf eating cater pillars in menthe through Emamectin Benzoate 5SG (Two Spray) @ 250gm/ha	Through training,Gosthies,Field day,FLD,and electronic media	25	620	270
2.	Paddy	IDM	Sheet blight disease Control through Azoxystrobin 18.2% + Defenoconazol 11.14% SC @ 500ml/ha	Through training,Gosthies,Field day,FLD,and electronic media	4	10	4
3.	Paddy	IPM	Control of stem borer in paddy through Chlorantraniliprole 0.4G @ 10kg./ha.	Through training,Gosthies,Field day,FLD,and electronic media	5	10	4
4.	Paddy	IWM	Weed control through post emergence herbicide (Bispyribac Sodium 10%) @200ml /ha	Through training,Gosthies,Field day,FLD,and electronic media	17	440	430
5.	Wheat	IWM	Weed mgt. through clodinophop 15wp+metsulfuron 20wp 400g+20g/ha	Through training,Gosthies,Field day,FLD,and electronic media	15	335	345

b. Details of FLDs implemented during 2022

(Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

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 (HD 3086)	Weed mgt.	Weed mgt. through chemical	*Rabi* 2021-22	4.0	4.0	03	7	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing/T. date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Wheat	*Rabi* 2021-22	Irrigated	Loam	Low	Medium	Medium	Paddy	10-15 Nov.. 2021	8-10 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 (%)	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	IWM	Weed mgt. through clodinophop 15wp+metsulfuron 20wp 400g+20g/ha	HD 3086	10	4	55.80	50.2	55.40	44.60	24.21	34850.0	111631	76781.0	3.20	33800.0	89869	56069	2.65

a. Technical feedback

S.No	Feed Back
1	Use of Clodinophop 15WP+Met sulfuuron 20wp@ 400g+20g/ha as post emergence phase between 35-40 DAS It is highly effective herbicide in wheat crops.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Use of Clodinophop 15WP+Metsulfuuron 20wp@ 400g+20g/ha after 35 to 40 days is more effective to control narrow and broad leaved weed types of weeds in wheat crops .

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1	Field Days	01	30	
	Media coverage	01	Mass	

FLD - 2

Plant Protection : Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	IDM	Sheet blight disease Control through Azoxystrobin 18.2% + Defenoconazol 11.14% SC @ 500ml/ha	*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	Loam	Low	Medium	Medium	Wheat	10-14 July. 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	IDM	Sheet blight disease Control through Azoxystrobin 18.2% + Defenoconazol 11.14% SC @ 500ml/ha	JKRH2082	10	Result awaited													

FLD No. : 3
Plant Protection : Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	IPM	- Control of stem borer in paddy through Chlorantraniliprole 0.4G @ 10kg./ha. .	*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	Loam	Low	Low	Medium	Wheat	8-12 July. 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	IPM	Control of stem borer in paddy through Chlorantraniliprole 0.4G @ 10kg./ha.	Result awaited															

FLD No. : 4
Plant Protection : Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	IWM	Weed control through post emergence herbicide (Bispyribac Sodium 10%) @200ml /ha .	*Kharif* 2022	4.0	4.0	2	8	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	Loam	Low	Low	Medium	Wheat	5-11 July. 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	IWM	Weed control through post emergence herbicide (Bispyribac Sodium 10%) @200ml /ha .	PB-1509	10	4.0	Result awaited												

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum																		
Toria																		
Mustard	ICM	Seed, Insecticide	IJ-31	25	10	22.10	18.10	20.45	16.30	14	30500	102250	71750	3.35	28400	81500	53100	2.86
Linseed																		
Sunflower																		
Soybean																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea																		
Blackgram	ICM	Seed,Weedicide,Fungicide, Insecticide	PU-31	25	10	Result awaited												
Greengram																		
Chickpea																		
Fieldpea																		
Lentil																		
Horsegram																		

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check											
					High	Low	Average			Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals										Weed/m^2									
Paddy	IWM	Bispyribac Sodium 10% @200ml /ha .	10	4.0					Result awaited										
Paddy	IDM	Sheet blight disease Control through Azoxystrobin 18.2% + Defenoconazol 11.14% SC @ 500ml/ha	10	4.0					Result awaited										
Paddy	IPM	Control of stem borer in paddy through Chlorantraniliprole 0.4G @ 10kg./ha.	10	4.0					Result awaited										
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat	IWM	Weed mgt. through clodinophop 15wp+metsulfuron 20wp 400g+20g/ha	10	4	55.80	50.2	55.40	44.60	24.21	3	14	34850	111631	76781	3.20	33800	89869	56069	2.65
Wheat Timely sown																			
Wheat Late																			

Sown																			
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			
Bajra																			
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			
Bittergourd																			
Cowpea																			
Spongegourd																			
Petha																			
Tomato																			
Frenchbean																			

Capsicum
Chilli
Brinjal
Vegetable pea
Softgourd
Okra
Colocasia (Arvi)
Broccoli
Cucumber
Onion
Coriender
Lettuce
Cabbage
Cauliflower
Elephant fruit
Flower crops
Marigold

Bela																			
Tuberose																			
Gladiolus																			
Fruit crops																			
Mango																			
Strawberry																			
Guava																			
Banana																			
Papaya																			
Muskmelon																			
Watermelon																			
Spices & condiments																			
Ginger																			
Garlic																			
Turmeric																			
Commercial Crops																			
Sugarcane																			
Potato																			

Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			
Maize (F)																			
Lucern																			
Berseem																			
Oat (F)																			

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

FLD on Livestock

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

Buffalo																	
Buffalo Calf																	
Dairy																	
Poultry																	
Sheep & Goat																	
Vaccination																	

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

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture																	
Feed Management																	

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

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Apiculture																
Maize Sheller																

Value Addition																
Vermi Compost																

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

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

FLD on Other Enterprise: Kitchen Gardening

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

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2022***)*

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

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	19	-	19	1	-	1	20	-	20
Resource Conservation Technologies	2	38	-	38	2	-	2	40	-	40
Cropping Systems										
Crop Diversification										
Nutrient Management	1	20	-	20	-	-	-	20	-	20
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	20	-	20	-	-	-	20	-	20
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs/natural farming	2	37	-	37	3	-	3	40	-	40
Others (pl specify)										
Total	**7**	**134**		**134**	**6**		**6**	**140**		**140**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										

g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	1	19	-	19	1	-	1	20	-	20
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**1**	**19**	**-**	**19**	**1**	**-**	**1**	**20**	**-**	**20**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										

VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL										

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	19	-	19	01	-	01	20	-	20
Inter cropping	1	20	-	20	-	-	-	20	-	20
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-									
Crop Diversification	-									
Integrated Farming	-									
Micro Irrigation/irrigation	-									
Seed production	-									
Nursery management	1	20	-	20	-	-	-	20	-	20
Integrated Crop Management	3	57	-	57	03	-	03	60	-	60
Soil & water conservatioin	-									
Integrated nutrient management										
Production of organic inputs										

Others (pl specify)										
Total	**6**	**116**	**-**	**116**	**4**	**-**	**4**	**4**	**-**	**120**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit	1	20	-	20	-	-	-	20	-	20
Management of young plants/orchards										
Rejuvenation of old orchards	1	20	-	20	-	-	-	20	-	20
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**2**	**40**	**-**	**40**	**-**	**-**	**-**	**40**	**-**	**40**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										

Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	1	20	-	20	-	-	-	20	-	20
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	1	20	-	20	-	-	-	20	-	20
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	07	112	-	112	8	-	8	120	-	120
Integrated Disease Management	04	79	-	79	1	-	1	80	-	80
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**11**	**191**	**-**	**191**	**9**	**-**	**9**	**200**	**-**	**200**
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										

Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL										

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	38	-	38	02	-	02	40	-	40
Resource Conservation Technologies	2	36	-	36	04	-	04	40	-	40
Cropping Systems	-									
Crop Diversification	-									
Integrated Farming	-									
Micro Irrigation/irrigation	-									
Seed production	-									
Nursery management	1	30	-	20	-	-	-	20	-	20
Integrated Crop Management	4	77	-	77	03	-	03	80	-	80
Soil & water conservatioin	-									
Integrated nutrient management	2	38	-	38	02	-	02	40	-	40
Production of organic inputs	2	39	-	39	01	-	01	40	-	40
Others (pl specify) **Inter cropping**	1	20	-	20	-	-	-	20	-	20
Total	**14**	**278**	**-**	**278**	**12**	**-**	**12**	**278**	**-**	**278**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit	1	20	-	20	-	-	-	20	-	20
Management of young plants/orchards										
Rejuvenation of old orchards	1	20	-	20	-	-	-	20	-	20
Export potential fruits										
Micro irrigation systems of orchards										

Plant propagation techniques										
Others (pl specify)										
Total (b)	**2**	**40**	**-**	**40**	**-**	**-**	**-**	**40**	**-**	**40**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	2	39	-	39	01	-	01	40	-	40
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**2**	**39**	**-**	**39**	**01**	**-**	**01**	**40**	**-**	**40**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										

Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	07	112	-	112	8	-	8	120	-	120
Integrated Disease Management	04	79	-	79	1	-	1	80	-	80
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**11**	**191**	**-**	**191**	**9**	**-**	**9**	**200**	**-**	**200**
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										

Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture	1	9	-	9	1	-	1	10	-	10
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**1**	**9**	**-**	**9**	**1**	**-**	**1**	**10**	**-**	**10**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture	01	8	-	8	02	-	02	10	-	10
Mushroom Production										
Bee-keeping	01	10	-	10	-	-	-	10	-	10
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify) **Azola Production**	01	10	-	10	-	-	-	10	-	10
TOTAL	**03**	**28**	**-**	**28**	**02**	**-**	**02**	**30**	**-**	**30**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture	02	17	-	17	03	-	03	20	-	20
Mushroom Production										
Bee-keeping	01	10	-	10	-	-	-	10	-	10
Sericulture										
Repair and maintenance of										

farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)**Azola Production**	01	10	-	10	-	-	-	10	-	10
TOTAL	**04**	**37**	**-**	**37**	**03**	**-**	**03**	**40**	**-**	**40**

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

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

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	02	19	-	19	01	-	01	20	-	20
Integrated Pest Management/IDM	03	28	-	28	02	-	02	30	-	30
Integrated Nutrient management	01	9	-	9	01	-	01	10	-	10
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										

Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production/IDM	01	9	-	9	1	-	1	10	-	10
Household food security										
Resource Conservation	01	10	-	10	-	-	-	10	-	10
TOTAL	**8**	**75**	**-**	**75**	**5**	**-**	**5**	**80**	**-**	**80**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	02	19	-	19	01	-	01	20	-	20
Integrated Pest Management	03	28	-	28	02	-	02	30	-	30
Integrated Nutrient management	01	9	-	9	01	-	01	10	-	10
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production	01	9	-	9	1	-	1	10	-	10
Household food security										
Any other (pl.specify) Resource Conservation	01	10	-	10	-	-	-	10	-	10
TOTAL	**8**	**75**	**-**	**75**	**5**	**-**	**5**	**80**	**-**	**80**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Processing and value addition										
Others (pl. specify)										
Total										
Farm machinery										
Farm machinery, tools and implements										
Others (pl. specify)										
Total										
Livestock and fisheries										
Livestock production and management										

Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (pl. specify)										
Total										
GRAND TOTAL										

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Value addition										
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-pesticides,										
bio-fertilizers etc.										
Repair and maintenance of farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching, embroidery, dying etc.										
Agril. Para-workers, para-vet training										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify)										
Total										
Grand Total										

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	498	2625	-	2725
Diagnostic visits	38	86	-	52
Field Day	07	248	-	248
Kisan Ghosthi	16	810	-	810
Film Show	07	1046	-	1046
Self –help groups	-	-	-	-
Kisan Mela	01	415	-	415
Exhibition	01	248	-	248
Scientists' visit to farmers field	159	859	-	859
Method Demonstrations	01	25	-	25
Celebration of important days	07	355	-	355
Visit to farmers to KVK	216	767	-	767
Parthenium eradication campaign	02	50	-	50
Lecture delivered	25	1870	45	1915
Swachhata sewa campaign	01	102	-	102
Swachhata pakhwara	01	73	-	73
Poshan abhiyan programme	01	141	-	141
International women day	01	124	-	124
World Food day	01	37	-	37
World Soil Health Day	01	37	-	37
World Pulse Day	01	63	-	63
Total	**985**	**9981**	**45**	**10092**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	03
Extension Literature	02
News paper coverage	16
Popular articles	-
Radio Talks	-
TV Talks	-
Animal health amps (Number of animals treated)	-
Others (pl. specify)	06
Total	**27**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Sambhal	Text only							
	Voice only							
	Voice & Text both	473	02	06	08	22	08	519
	Total Messages	473	02	06	08	22	08	519
	Total farmers Benefitted	**2055**	**115**	**85**	**98**	**230**	**92**	**2675**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs rganized Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	DBW-187	-	236	500000	-
		DBW-222	-	150	325000	-
	Paddy	PB 1718-5ha	-	-	-	-
Oilseeds						
Pulses	Black Gram	Alankar-5ha	-	-	-	-
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others, Commercial						
Total				**386.0**	**825000**	

Production of planting materials by the KVKs

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

Production of Bio-Products

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

Table: Production of livestock materials

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

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

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

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Sambhal	01	25 Nov.2021

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Books	
Technical bulletins	-
Research Paper	01
Lead Papers	02
Book Chapters	
Popular Articles	
Newsletters	
Technical reports	05
Others (pl. specify)	
Total	**08**

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.)

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

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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

XIII. DETAILS ON HRD ACTIVITIES

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

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

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

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total			

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

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

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

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

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

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

B. Details on Farmer's visit

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

C. Facilities in the ATIC which are in operation

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

D. Technology information provided

D.1. Details on technology information

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

D.2 . Publications (Print & Electronic media)

S. No	Particulars	Number sold	Revenue generated in Rs.	Number of farmers benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			

07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

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

F. Technology services provided

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

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

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

B. Workshops / meetings organized

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

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

S. No.	Particulars	Number of visits
01	SAC meetings	2
02	Field days	-
03	Workshops / seminars	-
04	Technology week	-
05	Training programmes	-
06	Others pl. specify	03

D. Overseeing of KVKs activities

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

E. Publication on Technology inventory

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

F. Technological Products provided to KVKs

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

XVI Achievement of Special programmes

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

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

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

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

a) CRM Machinery procured by KVKs

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

b) IEC activities organized under CRM Project by KVKs

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

b) Other IEC activities organized under CRM Project by KVKs

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) Achievement of TSP (Tribal Sub Plan)

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						
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)

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

5) Achievements of SCSP KVKs

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							
2							
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.)

8) Achievements of Farmers FIRST programme

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

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

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

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

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

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

15) NEMA (New Extension Methodologies and Approaches)

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

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)

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

18) Achievements under Swachhata Abhiyan Mission

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

19) Achievements under Aspirational District Scheme

Name of programme	Number
Training	
Session No.	
No. of farmers	

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

XVI Awards

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

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

----------XXXXXXX----------

Annexure - 1

Details of Training Programme On/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	Inter cropping wheat + menthe	22-1-22	PF	1	Manzawali	20	-	20	-	-	-
	Production technology of spring sugarcane	11-2-22	PF	1	KVK	20	-	20	-	-	-
	Weed mgt in sugarcane.	14-3-22	PF	1	AKROLI	19	-	19	1	-	1
	Production techniques of mung	15-3-22	PF	1	Maukather	20	-	20	-	-	-
Plant protection	Integrated pest management technique in rabi pulse crops	14-1-22	PF	1	Lakhneta	12	-	12	8	-	8
	Integrated pest management technique in mentha.	20-1-22	PF	1	Achalpur	20	-	20	-	-	-
	Seed treatment technique in zaid crops and importance	11-2-22	PF	1	raholi	20	-	20	-	-	-
	Integrated disease management in sugarcane	14-3-22	PF	1	Alhedadpur	20	-	20	-	-	-
IInd Quarter											
Crop production	Natural farming	17-4-22	PF	1	KNK	19	-	19	1	-	1
	Management of ratoon crop	29-4-22	PF	1	NAGLA PURWA	18	-	18	2	-	2
	Nursery management of paddy	19-05-22	PF	1	Alampur Kanaiya	20	-	20	-	-	-
	Natural farming	21-05-22	PF	1	KVK	2	16	18	2	-	2
	DSR production technique of paddy	9.06.22	PF	1	KVK	18	-	18	2	-	2
	IPNM in scented rice	15.06.22	PF	1	Paltha	18	-	18	2	-	2
	Crop residue management in paddy	16.06.22	PF	1	KVK	18	-	18	2	-	2
	Production techniques of urd	18.06.22	PF	1	Nagla purwa	19	-	19	1	-	1
Plant protection	Integrated insect management in mentha crop .	27-4-22	PF	1	Gumthal	20	-	20	-	-	-
	precautions during selection & use of pesticides and technique of solution making.	28-4-22	PF	1	Lakhneta	20	-	20	-	-	-
	Integrated insect management in sugarcane crop	22-5-22	PF	1	Alhedadpur chammu	20	-	20	-	-	-
IIInd Quarter											
Crop production	IPNM & use of water soluble fertilizer in paddy	14-7-22	PF	1	KVK	20	-	20	-	-	-
	Weed management in paddy	15-7-22	PF	1	KVK	19	-	19	1	-	1

Plant protection	Management of termite in *kharif* crops.	13-7-22	PF	1	Lakhneta	20	-	20	-	-	-
	Disease control in urd crop.	14-7-22	PF	1	Achalpur	20	-	20	-	-	-
	Integrated insect management in paddy.	10-8-22	PF	1	Akroli	20	-	20	-	-	-
	Management of hairy caterpillar in urd.	16-8-21	PF	1	Alhedadpur Chammu	19	-	19	1	-	1
Live Stock production	Control of Endo and Acto parasite of animals	29-7-22	PF	1	KVK	19	-	19	1	-	1
	Reproductive disorders in animals and their mgt	17.8.22	PF	1	Paltha Mithanpur	19	1	20	-	-	-
Horticulture	Rejuvenation of mango orchards	30-7-22	PF	1	Nagla purwa	20	-	20	-	-	-
	Propagation and production technique of guava orchard	17-8-22	PF	1	Lalpur Chechri	20	-	20	-	-	-
IV Quarter											
Crop production	Importance of sulphur in mustard										
	Production techniques of lentil										
	Production techniques of Potato										
	IPNM in potato										
Plant protection	Integrated pest management technique in mustard crop.										
	Integrated insect management in lentil crops.										
	Management of early and late blight disease in potato										
Live Stock Production.	Mastitis in animals: Its symptoms and control										
Horticulture	Rejuvenation of mango orchard										
	Cultivation of turmeric and marketing										

Campus : Vocational training programme for Rural Youth

Subject	Title	Date	Clientele	Duration in days	Venue On/Off	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total

Ist Quarter											
Crop production	Promoting of vermicompost production for income generation	7,8,17,18,19-02-22	RY	6	Achalpur	8	-	8	2	-	2
Plant Protection	Technique of Bee keeping.	21-26.2.22	RY	6	Lakhneta	10	-	10	-		-
IInd Quarter											
Crop production	Production and use technique of Blue Green algae	20-25.06.22	RY	6	Nawabpura	10	-	10	-		-
IIIrd Quarter											
Crop production	Promoting of vermicompost production for income generation	22-30.07.22	RY	6	KVK	9	-	9	1	-	1
Ivth Quarter											
Crop production	Vermi -Compost production										
Plant Protection	Technique of bee keeping										
Horticulture	Management of poplar Nursery and fruif plants										

(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	Inter cropping wheat +menthe	28.1.22	EF	1	DD Ag. Office Chandausi	10	-	10	-	-	-
	Production technique of sugarcane	7.2.22	EF	1	DD Ag. Office Chandausi	10	-	10	-	-	-
Plant protection	Integrated pest management technique in Zaid crops	28.1.21	EF	1	DD Ag. Office Chandausi	9	-	9	1	-	1
IInd Quarter											
Crop production	DSRtechnique In paddy	17.6.22	EF	1	DD Ag. Office Chandausi	10	-	10	-	-	-
Plant protection	Management of top borer in sugarcane	20.6.22	EF	1	DD Ag. Office Chandausi	10	-	10	-	-	-
IIInd Quarter											
Crop production	Importance of water soluble fertilizer	31.8.22	EF	1	DD Ag. Office Chandausi	9	-	9	1	-	1

Plant protection	Management of Mosaic disease in Urd crop.	18.7.22	EF	1	DD Ag. Office Chandausi	9	-	9	1	-	1
Live stock Production	Control of uterus septic	18.8.22	EF	1	DD Ag. Office Chandausi	9	-	9	1	-	1
Ivth Quarter											
Crop production	Production techniques of wheat										
Plant protection	Integrated pest management in *rabi* vegetables										
	Technique of selection & use of pesticides.										
	Integrated pest management in rabi pulse crops										
Horticulture	Scientific cultivation of tomato										
Livestock	Control of Uterus septic										