ANNUAL PROGRESS REPORT (January to December 2022)

KRISHI VIGYAN KENDRA, THAKURDWARA-MORADABAD-II

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	54	982	98	1080
Rural youths	09	88	02	90
Extension functionaries	13	130	-	130
Sponsored Training	02	85	15	100
Vocational Training	-	-	-	-
Total	78	1285	115	1400

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	75	30.0	-
Pulses	50	20.0	-
Cereals -09	115	49.00	-
Vegetables	25	0.5	-
Other crops	-	-	-
Hybrid crops	-	-	-
Total	265	99.5	-
Livestock & Fisheries 02	35	0.4	60
Other enterprises	-	-	-
Total	35	0.4	60
Grand Total	300	99.9	60

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	03	15	15
Livestock	02	10	10
Various enterprises	-	-	-
Total	05	25	25
Technology Refined			
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	05	25	25

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	36	430
Other extension activities	58	2678
Kharif Abhiyan 2022	20	516
Training on cow based natural farming	16	404

Total	130	4028

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	29	12	-	02	23	-	66
	Voice only	26	07	-	02	04	-	39
	Voice & Text both	18	09	-	02	9	-	38
	Total Messages	73	28	-	06	36	-	143
	Total farmers Benefitted	**2104**	**317**	-	**125**	**1420**	-	**3966**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	231.0 (Rabi 2021-22) 184.8 (Kharif 2022)	437664.00 376992.00
Planting material (No.)	-	-
Bio-Products (kg)	-	-
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

Samples		No. of Beneficiaries	Value Rs.
Soil	55	55	Through IFFCO
Water	-	-	-
Plant	-	-	-
Total			

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	-
2	Conferences	04
3	Meetings	02
4	Trainings for KVK officials	01
5	Visits of KVK officials	-
6	Book published	-
7	Training Manual	-
8	Book chapters	01
9	Research papers	-
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	07
13	Proceedings	01
14	Award & recognition	-
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
	Office	FAX	
Krishi Vigyan Kendra, Thakurdwara- Moradabad-II (U.P.)	-	-	moradabadkvk2@gmail.com

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

Address	Telephone		E-mail
	Office	FAX	
Sardar Vallabhbhai Patel University of Ag. & Tech, Meerut (U.P.)	0121-2411511	0121-2411540	deesvpuat2014@gmail.com

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

Name	Telephone / Contact		E-mail
Dr. Ravindra Kumar	Residence	Mobile	
	-	9997904256	drrksoil@gmail.com

1.4. Year of sanction: 2020

1.5. Staff Position (as on 31st December, 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	Dr. Ravindra Kumar	Assoc. Professor & Incharge	Soil Science	37400-67000	152300	10.12.2003	Permanent	SC	9997904256	50	drrksoil@gmail.com
2	Subject Matter Specialist	Dr. Hasan Tanveer	SMS/AP	Plant Breeding	15600-39100	89900	23-06-2008	Permanent	GEN	8299198376	52	htshahi@yahoo.com
3	Subject Matter Specialist	Sr. Deepak Kumar	SMS/T6	Plant Protection	15600-39000	56100	02.07.2022	Permanent	SC	9750062299	38	dk576564@gmail.com
4	Subject Matter Specialist	Dr. Rajesh Kumar	SMS/T6	Livestock Production	15600-39000	56100	02.07.2022	Permanent	GEN	9461424999	35	rajeshkumarmahla46@gmail.com
5	Subject Matter Specialist	Sh. Avinash Chauhan	SMS/T6	Agronomy	15600-39000	56100	14.10.2022	Permanent	GEN	34	28	avinash3049@gmail.com
6	Subject Matter Specialist	-	-	-	-	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-	-	-	-	-
8	Programme Assistant	-	-	-	-	-	-	-	-	-	-	-
9	Computer Programmer	-	-	-	-	-	-	-	-	-	-	-
10	Farm Manager	Sh. Pushpraj Yadav	TA (Farm/Soil)	-	9300-34800	70000	10.12.2003	Permanent	OBC	9919985528	50	pushpraj.y@gmail.com
11	Accountant / Superintendent	-	-	-	-	-	-	-	-	-	-	-
12	Stenographer	Sh. Ranveer Singh	Jr. Steno		Column (4)	25500	04.03.2021	Permanent	SC	9756793379	30	ranveersingh711@gmail.com
13	Driver	-	-	-	-	-	-	-	-	-	-	-
14	Driver	-	-	-	-	-	-	-	-	-	-	-
15	Supporting staff	Sh. Dinesh Kr	Attendant		Column (1)	22800	24.03.2017	Permanent	SC	8104823754	31	dineshkumardk80512@gmail.com
16	Supporting staff	-	-	-	-	-	-	-	-	-	-	-

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	-
3.	Under Crops	6.00
4.	Orchard/Agro-forestry	2.82
5.	Others (Pond, Chuck road, bunds, Irrigation Channel)	3.18
	Total	**12.4**

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	Under construction	-	-	-	-	-
2.	Farmers Hostel	-	-	-	-	-	-	-
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero/ Jeep	2022	743150.00	9500	Good
Tractor	Transferred from Ghaziabad (Old 2005 Model)	Working		
Motorcycle	-	-	-	-
Bicycle	-	-	-	-

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Sound System	2022	17000/-	Good
Computer and Printer	2022	79328/-	Good

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	15-11-2022	1. Dr. P K Singh, Director of Extension	OFT और FLD का विषय, तकनीकी और कार्य का शीर्षक स्पष्ट होना चाहिए	सभी वैज्ञानिक
		2. Dr. D K Singh, Professor	1. बरसीम के स्थान पर मक्खन घास का प्रयोग करना 2. कृषक प्रशिक्षण में महिलाओ को प्रतिभाग कराओ	पशुधन उत्पादन वैज्ञानिक सभी वैज्ञानिक
		3. Dr. K G Yadav, Associate Professor 4. Dr. R K Singh, Head, KVK, MBD-1 5. Dr. Ravindra Singh, In-charge, KVK, MBD-II 6. Gaya Prasad, DHO, Moradabad 7. Dr. Manmohan Pandey, DCVO, Moradabad	प्रशिक्षण का समय फसल के समय के अनुरूप होना चाहिए	सभी वैज्ञानिक
		8. Sh. Yashveer Singh, Area Manager, IIFCO	नैनो यूरिया का प्रदर्शन लगाया जाना चाहिए	मृदा वैज्ञानिक
		9. Smt. Gargi Chouhan, FPO, Progressive Farmer	महिलाओं को रोजगार परक प्रशिक्षण कराया जाए	गृह विज्ञान वैज्ञानिक
		10. Dr. Deepak Mendi Ratta, Nodel Officer, ACABC, JARDS	1. बाजरा का प्रदर्शन भी लगाया जाए 2. कड़कनाथ प्रजाति को बैकयार्ड पोल्ट्री फार्मिंग OFT में शामिल किया जाये	सस्य वैज्ञानिक पशुधन उत्पादन वैज्ञानिक
		11. Sh. Munesh Sharma, Progressive Farmer	नेपियर घास का प्रदर्शन केंद्र पर लगाया जाए	सस्य वैज्ञानिक
		12. Sh. Arendra Badhgeti, Progressive Farmer	जैविक खेती को प्रोत्साहन देना	पशुधन और पादप सुरक्षा वैज्ञानिक
		13. Sh. Sanjeev Kumar, Sugarcane Dep. 14. Sh. Vinod Kumar, Progressive Farmer 15. Sh. Brahampal Singh, Progressive Farmer 16. Dr. Hasan Tanveer, SMS/AP, KVK, MBD-II 17. Sh. Deepak Kumar, SMS, KVK, MBD-II 18. Dr. Rajesh Kumar, SMS, KVK, MBD-II 19. Sh. Avinash Chouhan, SMS, KVK, MBD-II		
2.				

Note : This yellow mark may be treated as an example

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

2. DETAILS OF DISTRICT (31st December, 2022)

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

S. No	Farming system/enterprise
1	Major crops – Paddy, wheat, mustard, sugarcane, mentha, lentil, potato.
2	Crop rotation – Rice- sugarcane, Rice- wheat, urd-mustard-mentha, Jawar- 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- Central western plain zone of the district	-Loam and clay loam withhigh Fertility - medium Rainfall

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Clay loam	Clay loam	81930
2	Sandy soil	Sandy soil	25537
3	Sandy loam	Sandy loam	84518
4	Loam	Loam	126433
		Total	317919

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
A	FIELD CROPS INCLUDING OIL SEEDS AND PULSES			
1.	Wheat	1,21959	37252	30.54
2.	Lentil	621	560	9.02
3.	Mustard /Toria	2256	2772	13.0
4.	Paddy (Rice)	94947	22652	23.86
5.	Bajra	31231	38.3	12.27
6.	Urd	3867	3046	14.73
7.	Sugarcane	46496	2951380	634.76
B	VEGETABLES			
1.	Potato	1071	24036	230.03

2.5. Weather data

Month	Rainfall, 2022 (mm)	Temperature ^{0} C		Relative Humidity (%)
Jan	34.46	Maximum	Minimum	
Feb	15.15			
March	56.38			
April	25.70			
May	34.65			
June	194.78			
July	367.50			
August	160.70			
September	42.73			
October	-			
November	-			
December	-			
Total rainfall	932.05			
Average rainfall	77.67			

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

Category	Population	Production	Productivity
Cattle			
Crossbred	82646	-	-
Indigenous	182565	-	-
Buffalo	287669	-	-
Category			
Fish			

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

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Noorpur Jalalpur	Thakurdwara		Paddy, Wheat Sugarcane,	Low Productivity of paddy, wheat, mustard, urd etc. The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control timely. in agriculture	Diversification
2	Khatapur	Chhajlait		Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd etc. The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control timely. ow yield of paddy, wheat, mentha & mustard	Diversification in agriculture, Lack of high yielding varieties. Less availability of plant protection measures. Heavy infestation of weeds.
3	Sahaspuri	Thakurdwara		Paddy, Wheat, Sugarcane Mentha, Mustard, Dairy, Chilli, bottle guard, colocacia	Poor milk production and infertility in animals. Lack of knowledge of quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard	Diversification in Agriculture. Use of Improved variety and IPM, ICM. Heavy infestation of weeds.
4	Khaikhera Naharwala	Thakurdwara		Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Use of local varieties of different crops by the farmers. Pest problems	Diversification in Agriculture. Use of Improved variety and
					Low yield of paddy, wheat, mentha & mustard	IPM, ICM. Heavy infestation of weeds.

5	Rosanpur	Bhagatpur Tanda		Paddy, Wheat, Sugarcane Mentha, Mustard, Dairy, Poplar,Chilli, Onion, Gartic, Cucurbits.	Lack of knowledge of improved varieties of different crops. - Pest problems - Lack of knowledge of inter cropping - Crop management & nutrient management. - Disease & insect control of cereals and vegetable crops. Poor milk production and infertility in animals	- Diversification in agriculture. - Use of improved varieties. - Inter cropping technique. - Crop management. - Weed control - Unawareness of diseases and insect control.
6.	Faridnagar	-	-	Paddy, Wheat, Sugarcane Mustard, Dairy, Poultry, etc.	Low Productivity of paddy, wheat, mustard, urd etc. The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control timely. Diseases in animal and poultry birds.	Diversification in agriculture, Lack of high yielding varieties. - Unawareness of diseases

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice/Wheat	Integrated plant nutrient management in rice -wheat cropping.
Rice/Wheat	Integrated weed management in rice -wheat cropping
Pulses	Enhancing the area under Kharif & Rabi pulses
Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.
Cereals/Pulses/Oil seeds	IPM incrops
Cereals/Pulses/Oil seeds	Promotion of new released varieties.
Seed production	Promotion of seed production in different crops.
Mango	High density planting of new varieties, nutrient management, rejuvenation of old orchards and other orchard management practices
Guava	High density planting of new varieties, nutrient management, crop regulation and other orchard management practices
Banana	High density plantation, water and nutrient management and other orchard management practices
Vegetables	Promotion of high quality and organic farming in vegetables.
Floriculture	Promotion of income generating crops.
Nursery Production	Propagation techniques for fruit, vegetables and flowers plants
Bee-keeping	Popularization ofBee-keeping
Vermi compost	Popularization of Vermi composting
Livestock	Management and balanced feeding of farm animals
Livestock	Supplementation of mineral mixture and salt in feed
Livestock	Green fodder production
Livestock	Control of Animal Disease and abdominal worms
Poultry	Backyard poultry farming

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

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 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**
Intercropping 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**
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
11	05	60	25	58.4	99.9	201	300

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	78	54	1560	1080	400	130	4000	4028
Rural youth	14	09	140	90				
Extn. Functionaries	29	13	290	130				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	415.8	-	20000	-	

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation	Wheat	Evaluation of improved variety of wheat	05	05
Integrated Pest Management	Paddy	Yield loss in paddy crop due to stem borer	05	05
Integrated Crop Management				
Integrated Disease Management	Pea	Biological control of root rots disease in vegetable pea	05	05
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				

Total		

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 Calf	Assessment of clinical andnon clinical remedies in controlling repeat breeding	05	05
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify) Poultry	Buffalo Calf	Assessment of clinical andnon clinical remedies in controlling repeat breeding	05	05
Total				

Summary of technologies assessed under various enterprises by KVKs

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

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

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

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

Total		

Summary of technologies refined under various livestock by KVKs

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

Summary of technologies refined under various enterprises by KVKs

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

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

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

OFT - 1

VARIETAL EVALUATION (Rabi 2022-23)

Problem definition	Low yield of wheat under late sown condition and use of old variety.
Technology assessed or refined	Evaluation of improved variety of wheat under late sown condition.
No. of Farmers	05

KVK, Moradabad conducted on-farm trials on improved variety of wheat under late sown condition.

Table : Performance of Wheat.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice PBW - 373	05	Result Awaited			
T_2 – DBW 71					

Recommendation	
Farmers reactions	
Date of Sowing & harvesting	05-08 Dec., 2022

OFT - 2

Integrated Pest Management (Kharif 2022-23)

Problem definition	Imbalance and improper use of plant protection measures
Technology assessed or refined	yield loss in paddy crop due to stem borer
No. of Farmers	05

Table : Performance of Paddy.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T1 – Farmers practice – Use of phorate 10G @ 25 kg/ha.	05	Result Awaited			
T2 – Use of Cartap hydrochloride 4G@ 20kg/ha.					

Recommendation	
Farmers reactions	
Date of pesticide Distribution	25 Aug., 2022

OFT - 3

Integrated Disease Management (Rabi 2022-23)

Problem definition	Yield loss in Vegetable Pea due to root rot disease
Technology assessed	Biological control of root rots disease in vegetable pea

or refined	
No. of Farmers	05

Table : Performance of Pea.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T1 – Farmers practice – Use of carbofuran 3 G @25 kg/ha	05	Result Awaited			
T2 – Soil application of Trichoderma powder @ 2.5 kg/ha mixed with FYM					

Recommendation	
Farmers reactions	
Date of Trichoderma Distribution	07 Nov., 2022

OFT - 4

Disease Management (Kharif 2022-23)

Problem definition	Repeat breeding
Technology assessed or refined	Assessment of clinical and non-clinical remedies in controlling repeat breeding
No. of Farmers	05

Table : *Disease Management*

Technology Option	No.of trials	Rate of conception rate	B:C Ratio

T1 – Farmers practice – use of choker and common salt	05	Result Awaited	
T2 – Mineral mixture @ 50 g/Day/Animal up to 60 days + Inj Receptal 5 ml (72-96 hrs. Before AI)			

Recommendation	
Farmers reactions	
Date of Kit Distribution	24 Aug., 2022

OFT - 5

Backyard Poultry Farming (Rabi 2022-23)

Problem definition	Lack of pure Breed and poor feeding management
Technology assessed or refined	Improvement of socieo-economic status and malnutrition of farmers through backyard poultry farming
No. of Farmers	05

Table : *Backyard Poultry Farming*

Technology Option	No.of trials	Calculate body weight	B:C Ratio
T1 – Rearing of non-descript breed without adopting feeding management	05	Result Awaited	
T2 – Rearing of pure breed with poultry feed and farm waste			

Recommendation	
Farmers reactions	
Date of Chick Distribution	22 Dec., 2022

II. FRONTLINE DEMONSTRATION

Details of FLDs implemented during 2022

FLD - 1
Toria (Rabi 2022-23)

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Toria	- ICM	- ICM through improved seed@ 5kg/ha - Imidaclorpid@0.5lit/ha - Hand Weeding	Rabi 2022-23	10	10	12	13	25	-

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Sesame	Toria						Paddy	30 Sept., 2022 to 4 Oct., 2022	Result awaited	-	-

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
Toria		- ICM through improved seed@ 5kg/ha Imidaclorpid@0.5lit/ha - Hand Weeding		25	10													

Result Awaited

FLD - 2
Mustard (Rabi 2022-23)

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Mustard	- ICM	- ICM through improved Seed Imidaclorpid@0.5lit/ha	Rabi 2022-23	20.0	20.0	17	33	50	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Mustard	Rabi 2022-23	Irrigated	Loam	Medium	Low	Medium	Paddy/Bajra	15-20 Oct. 2023		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Mustard	- ICM	ICM through improved seed Imidaclorpid@0.5lit/ha	DRMR 1165-40	25	10.0													

Result Awaited

a. Technical feedback

1	
2	

b. Farmers reaction on specific technologies

S. N.	Feedback
1	
2	

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1	Farmers Training			
2.	Field day			
3.	Media coverage			

FLD - 3

Lentil (Rabi 2022-23)

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Lentil	- ICM	**- ICM through improved seed@40kg/ha** **-**	Rabi 2022-23	20.0	20.0	20	30	50	N.A.

Details of farming situation

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

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Urdbean	- ICM	ICM through improved seed	IPL 315 IPL 526	28 22	11 09													

Result awaited

Front Line Demonstration on other than oil seeds & pulses

FLD - 1

Plant Breeding: Wheat

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Wheat	Promoting high yielding variety of wheat	To demonstrate the yield potential of new variety –DBW -222	Rabi 2022-23	2.0	2.0	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Wheat	Rabi 2021-22	Irrigated	Sandy loam and loam	Low	Medium	Medium	Paddy	25-11-22 to 30-11-22		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	Promoting high yielding variety of wheat	To demonstrate the yield potential of new variety. .	DBW -222	10	2.0													

Result awaited

a. Technical feedback

1	
2	

b. Farmers reaction on specific technologies

S. N.	Feedback
1	

c. Extension and Training activities under FLD

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

FLD - 2
Plant Breeding: Wheat

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Wheat	Promoting improved variety of wheat under late sown condition	To demonstrate the yield potential of wheat variety under late sown condition Variety – DBW - 173	Rabi 2022-2023	2.0	2.0	-	10	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Wheat	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	05.12.2021 to 10.12.2021		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	Promoting HYV of wheat under late sown condition	To demonstrate the yield potential of wheat variety under late sown condition.	DBW - 173	10	2.0													

Result awaited

a. Technical feedback

1	
2	

b. Farmers reaction on specific technologies

S. N.	Feedback
1	
2	

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1.	Farmers Training			
2.	Field day			

FLD - 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	IDM	Management of sheath blight through chemical	Kharif 2022	4.0	4.0	03	07	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2022	Irrigated	Sandy loam	Low	Medium	Medium	Wheat	01.07.2022 to 10.07.2022		-	-

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	Management of sheath blight through chemical	-	10	4.0													

Result awaited

FLD - 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	IPM	Management of brown plant hopper through chemical	Kharif 2022	4.0	4.0	03	07	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2022	Irrigated	Sandy loam	Low	Medium	Medium	Wheat	01.07.2022 to 10.07.2022		-	-

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	Management of brown plant hopper through chemical	-	10	4.0													

Result awaited

FLD - 5
Soil Science: Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	INM	Effect of foliar application of water soluble fertilizer	Kharif 2022	8.0	8.0	03	17	20	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2022	Irrigated	Sandy loam	Low	Medium	Medium	Wheat	01.07.2022 to 10.07.2022		-	-

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	Management of brown plant hopper through chemical	-	20	8.0													

Result awaited

FLD - 6
Soil Science: Potato

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Potato	INM	Effect of foliar application of water soluble fertilizer	Rabi 2022-23	8.0	8.0	00	20	20	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Potato	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	10.10.2022 to 20.10.2022		-	-

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
Potato	INM	Effect of foliar application of water soluble fertilizer	-	20	8.0													

Result awaited

FLD - 7
Soil Science: Wheat

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Wheat	INM	Effect of Nano urea in Wheat	Rabi 2022-23	8.0	8.0	05	15	20	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Wheat	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	20.11.2022 to 25.11.2022		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	INM	Effect of Nano urea in Wheat	-	20	8.0													

Result awaited

FLD - 8
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	IWM	Weed management in Wheat	Rabi 2022-23	4.0	4.0	01	09	10	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Wheat	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	20.11.2022 to 25.11.2022		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	IWM	Weed management in Wheat	-	10	4.0													

Result awaited

FLD - 9

Livestock Production: Buffalo Calf

Enterprise	Breed	No. of farmers/ Area	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
Livestock	Buffalo-calf	30	60	1.Dewormer (Fenbendazole+Ivermactin) Bolus	Mortality rate

Animal	Component	No. of Demostration	No. of animals, poultry birds etc.	Result
Livestock	Buffalo-calf	30	60	

Result awaited

FLD - 10

Livestock Production: Berseem

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	Berseem	Feed and fodder	Use of Improved Variety seed @ 30 kg/ha	Rabi 2022-23	0.4	0.4	04	06	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					
Berseem	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	15.10.2022 to 18.10.2022		-	-

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
Berseem	Feed and fodder	Use of Improved Variety seed @ 30 kg/ha	-	10	0.4													

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																		
Mustard																		
Toria																		
Linseed																		

Sunflower																		
Soybean																		

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

Frontline demonstration on pulse crops

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

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy																			
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat																			
Wheat Timely sown																			
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										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	01	14	03	17	03	-	03	17	03	20
Soil & water conservation										
Integrated nutrient management										
Production of organic inputs										
Others (pl specify)										
Total	01	14	03	17	03	-	03	17	03	20
II Horticulture										
a) Vegetable Crops										
Production of low value and high volume 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	01	04	-	04	10	06	16	14	06	20
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	01	04	-	04	10	06	16	14	06	20

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)	01	04	-	04	10	06	16	14	06	20
III Soil Health and Fertility Management										
Soil fertility management	02	24	16	40	-	-	-	24	16	40
Integrated water management										
Integrated Nutrient Management	01	-	-	-	16	04	20	16	04	20
Production and use of organic inputs	01	20	-	20	-	-	-	20	-	20
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency	01	16	-	16	04	-	20	20	-	20
Balance use of fertilizers	01	20	-	20	-	-	-	20	-	20
Soil and Water Testing										
Others (pl specify)										
Total	**06**	**80**	**16**	**96**	**20**	**04**	**24**	**100**	**20**	**120**
IV Livestock Production and Management										
Dairy Management	01	09	-	09	11	-	11	20	-	20
Poultry Management										
Piggery Management										

Rabbit Management										
Animal Nutrition Management										
Disease Management	01	10	03	13	05	02	07	15	05	20
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**02**	**19**	**03**	**22**	**16**	**02**	**18**	**35**	**05**	**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	02	18	03	21	14	05	19	32	08	40
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**02**	**18**	**03**	**21**	**14**	**05**	**19**	**32**	**08**	**40**
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										
Total										

XII Plant Breeding	**04**	**57**	**06**	**63**	**17**	**0**	**17**	**74**	**06**	**80**
Total	**04**	**57**	**06**	**63**	**17**	**0**	**17**	**74**	**06**	**80**
GRAND TOTAL	**16**	**192**	**31**	**223**	**80**	**17**	**97**	**272**	**48**	**320**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems	02	08	-	08	29	03	32	37	03	40
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management										
Soil & water conservatioin										
Integrated nutrient management	02	24	04	28	11	01	12	35	05	40
Production of organic inputs										
Others (pl specify)										
Total	**04**	**32**	**04**	**36**	**40**	**04**	**44**	**72**	**08**	**80**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising	01	-	-	-	18	02	20	18	02	20
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)	01	-	-	-	18	02	20	18	02	20
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards	01	08	10	18	01	01	02	09	11	20
Rejuvenation of old orchards	01	19	-	19	01	-	01	20	-	20
Export potential fruits										
Micro irrigation systems of orchards										

Plant propagation techniques										
Others (pl specify)										
Total (b)	02	27	10	37	02	01	03	29	11	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)	**03**	**27**	**10**	**37**	**20**	**03**	**23**	**57**	**13**	**60**
III Soil Health and Fertility Management										
Soil fertility management	04	32	-	32	42	06	48	74	06	80
Integrated water management	01	10	-	10	10	-	10	20	-	20
Integrated Nutrient Management	01	20	-	20	-	-	-	20	-	20
Production and use of organic inputs	02	40	-	40	-	-	-	40	-	40
Management of Problematic soils										
Micro nutrient deficiency in crops	02	20	-	20	20	-	20	40	-	40
Nutrient Use Efficiency										
Balance use of fertilizers	01	20	-	20	-	-	-	20	-	20
Soil and Water Testing										
Others (pl specify)										
Total	**11**	**142**	**-**	**142**	**72**	**06**	**78**	**214**	**06**	**220**
IV Livestock Production and Management										

Dairy Management	02	27	-	27	13	-	13	40	-	40
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	02	36	04	40	-	-	-	36	04	40
Feed & fodder technology	02	21	-	21	17	02	19	38	02	40
Production of quality animal products										
Others (pl specify)										
Total	**06**	**84**	**04**	**88**	**30**	**02**	**32**	**114**	**06**	**120**
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	01	03	01	04	14	02	16	17	03	20
Integrated Disease Management	03	48	01	49	09	02	11	57	03	60
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**04**	**51**	**02**	**53**	**23**	**04**	**27**	**74**	**06**	**80**
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										
XII Plant Breeding	**05**	**72**	**-**	**72**	**24**	**04**	**28**	**96**	**04**	**100**

Total	**05**	**72**	**-**	**72**	**24**	**04**	**28**	**96**	**04**	**100**
GRAND TOTAL	**33**	**408**	**20**	**428**	**209**	**23**	**232**	**617**	**43**	**660**

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										
Resource Conservation Technologies										
Cropping Systems	02	08	-	08	29	03	32	37	03	40
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	01	14	03	17	03	-	03	17	03	20
Soil & water conservatioin										
Integrated nutrient management	02	24	04	28	11	01	12	35	05	40
Production of organic inputs										
Others (pl specify)										
Total	**05**	**46**	**07**	**53**	**43**	**04**	**47**	**89**	**11**	**100**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising	01	-	-	-	18	02	20	18	02	20
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)	01	-	-	-	18	02	20	18	02	20
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards	01	08	10	18	01	01	02	09	11	20

Rejuvenation of old orchards	02	23	-	23	11	06	17	34	06	40
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**03**	**31**	**10**	**41**	**12**	**07**	**19**	**43**	**17**	**60**
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)	**04**	**31**	**10**	**41**	**30**	**09**	**39**	**61**	**19**	**80**
III Soil Health and Fertility Management										
Soil fertility management	06	56	16	72	42	06	48	98	22	120
Integrated water management	01	10	-	10	10	-	10	20	-	20
Integrated Nutrient Management	02	20	-	20	16	04	20	36	04	40
Production and use of organic inputs	03	60	-	60	-	-	-	60	-	60
Management of Problematic soils										
Micro nutrient deficiency in crops	02	20	-	20	20	-	20	40	-	40
Nutrient Use Efficiency	01	16	-	16	04	-	04	20	-	20
Balance use of fertilizers	02	40	-	40	-	-	-	40	-	40
Soil and Water Testing										

Others (pl specify)										
Total	**17**	**222**	**16**	**238**	**92**	**10**	**102**	**314**	**26**	**340**
IV Livestock Production and Management										
Dairy Management	03	36	-	36	24	-	24	60	-	60
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	03	46	07	53	05	02	07	51	09	60
Feed & fodder technology	02	21	-	21	17	02	19	38	02	40
Production of quality animal products										
Others (pl specify)										
Total	**08**	**103**	**07**	**110**	**46**	**04**	**50**	**149**	**11**	**160**
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	03	21	04	25	28	07	35	49	11	60
Integrated Disease Management	03	48	01	49	09	02	11	57	03	60
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**06**	**69**	**05**	**74**	**37**	**09**	**46**	**106**	**14**	**120**

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										
XII Plant Breeding	**09**	**129**	**06**	**135**	**41**	**04**	**45**	**170**	**10**	**180**
Total	**09**	**129**	**06**	**135**	**41**	**04**	**45**	**170**	**10**	**180**
GRAND TOTAL	**49**	**600**	**51**	**651**	**289**	**40**	**329**	**889**	**91**	**980**

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	01	03	-	03	07	-	07	10	-	10
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production	01	10	-	10	-	-	-	10	10	10
Production of organic inputs	03	21	-	21	09	-	09	30	-	30
Planting material production										
Vermi-culture										
Mushroom Production	01	08	01	09	01	-	01	09	01	10
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology	01	07	-	07	03	-	03	10	-	10
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing	01	05	-	05	05	-	05	10	-	10
Quail farming										
Piggery										
Rabbit farming										
Poultry production	01	08	-	08	02	-	02	10	-	10
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	**09**	**62**	**01**	**63**	**27**	**-**	**27**	**89**	**01**	**90**

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

Training for Rural Youths including sponsored training programmes – 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	01	03	-	03	07	-	07	10	-	10
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production	01	10	-	10	-	-	-	10	10	10
Production of organic inputs	03	21	-	21	09	-	09	30	-	30
Planting material production										
Vermi-culture										
Mushroom Production	01	08	01	09	01	-	01	09	01	10
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology	01	07	-	07	03	-	03	10	-	10
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing	01	05	-	05	05	-	05	10	-	10
Quail farming										
Piggery										
Rabbit farming										
Poultry production	01	08	-	08	02	-	02	10	-	10
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	**09**	**62**	**01**	**63**	**27**	**-**	**27**	**89**	**01**	**90**

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										
Integrated Pest Management	**02**	**12**	**-**	**12**	**08**	**-**	**08**	**20**	**-**	**20**
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	**02**	**14**	**-**	**14**	**06**	**-**	**06**	**20**	**-**	**20**
Livestock feed and fodder production										
Household food security										
Any other (pl.specify) Farming and marketing	**01**	**08**	**-**	**08**	**02**	**-**	**02**	**10**	**-**	**10**
Plant Breeding	**05**	**39**	**-**	**39**	**11**	**-**	**11**	**50**	**-**	**50**
TOTAL	**10**	**73**	**-**	**73**	**27**	**-**	**27**	**100**	**-**	**100**

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										
Integrated Pest Management	**02**	**12**	**-**	**12**	**08**	**-**	**08**	**20**	**-**	**20**
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	**02**	**14**	**-**	**14**	**06**	**-**	**06**	**20**	**-**	**20**
Livestock feed and fodder production										
Household food security										
Any other (pl.specify) Farming and marketing	**01**	**08**	**-**	**08**	**02**	**-**	**02**	**10**	**-**	**10**
Plant Breeding	**05**	**39**	**-**	**39**	**11**	**-**	**11**	**50**	**-**	**50**
TOTAL	**10**	**73**	**-**	**73**	**27**	**-**	**27**	**100**	**-**	**100**

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	30	1548	25	1573
Diagnostic visits	12	121	-	121
Field Day	-	-	-	
Group discussions	-	-	-	
Kisan Ghosthi	10	322	15	337
Film Show	08	216	-	216
Self -help groups	-	-	-	
Kisan Mela	-	-	-	
Exhibition	-	-	-	
Scientists' visit to farmers field	276	2512	44	2512
Plant/animal health camps	-	-	-	
Farm Science Club	-	-	-	
Ex-trainees Sammelan	-	-	-	
Farmer’s seminar/workshop	01	22		22
Method Demonstrations	-	-	-	
Celebration of important days	05	356	28	356
Special day celebration	01	157	4	157
Exposure visits	-	-	-	
News paper coverage	15	Mass	Mass	Mass
Farmer’s Visit to KVK	256	1421	-	1421
Others (pl. specify)				
Lecture delivered	70	2658	-	2658
Meeting attended	06	-	-	
Total	**690**	**9333**	**116**	**9373**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	11
News paper coverage	15
Popular articles	09
Radio Talks	01

TV Talks	0
Animal health amps (Number of animals treated)	35
Others (pl. specify)	0
Total	**71**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	29	12	-	02	23	-	66
	Voice only	26	07	-	02	04	-	39
	Voice & Text both	18	09	-	02	9	-	38
	Total Messages	73	28	-	06	36	-	143
	Total farmers Benefitted	**2104**	**317**	-	**125**	**1420**	-	**3966**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

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

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	HD-2967	-	231.00	437664.00	-
	Paddy	Pant Dhan -26	-	184.8	376992.00	-
Oilseeds						
Pulses						
Commercial crops						
Vegetables						

Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total				**415.8**	**814656**	**-**

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	**55**	**55**	**12**	**Through IFFCO**
Water	-	-	-	-
Plant	-	-	-	-
Manure	-	-	-	-
Others (pl.specify)	-	-	-	-
	-	-	-	-
Total	-	-	-	-

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Thakurdwara, Moradabad-II	01	15-11-2022

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Books	01
Technical bulletins	0
Research Paper	02
Lead Papers	02
Book Chapters	-

Popular Articles	09
Newsletters	-
Technical reports	-
Others (pl. specify)	-

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

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

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

Introduction of alternate crops/varieties

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

Sample KVK Case study

NDR-8501 becoming popular in farmers' for their yielding trait: Ghazipur

Situation analysis/ Problem statements:- Mr. Sanjay Singh, village Khajurgaon, Post:Indore block:Mardah, district:Ghazipur, a farmer who was selected for this demonstration. He was earlier involved with local variety of mustard Pusa Bold or Varuna. These varieties were low in yield

Plan, Implement and Support:- KVK Ghazipur tries to make them aware regarding scientific cultivation of mustard. That starts from land preparation to harvesting. This KVK has encouraged the farmer for soil testing and on the basis of that farmer was advised for balanced dose of chemical fertilizer with high yielding varieties Pusa Tarak. That was sown on 01-11-2016 with line sowing and fertilizer application was done with basal application in which half dose of nitrogen full dose of SSP and full dose of MOP as recommended. Rest nitrogen used after first irrigation.

Output:- Mr. Sanjay Singh adopted the the balanced dose of chemical, fertilizer (N:P:K:S::150:40:40:30) kg/ha in mustard crop as per suggestion of KVK's scientist for his 0.25ha land. His local yield was 3.85 qt with recommended technology. His yield increased by 33.76% with yield 5.15 qt. The economical gain in terms of per unit expenditure gross income, net return and BCR are recorded. Rs 6975, Rs. 18857, Rs. 11882 and 2.70 correspondingly.

Outcome:- Mustard crop is the major oilseed crop of the district. KVK Ghazipur conducted 322 demonstrations in 87 villages during 2004-05 to 2016-17 in an area of 89 ha at farmers' field with using HYV NDR-8501, Pusa Tarak and balanced dose of chemical fertilizer (N:P:K:S::150:40:40:30) kg/ha. This variety has been disseminated in 170 villages of the district in area of approximately 900ha. The outcome of this demonstration motivated the farming communities to replace their old varieties, non-descriptive varieties. Mr. Sanjay Singh is very happy on improvement in their income, livelihood and set forth example for others.

Impact:- Mr. Sanjay Singh is becoming one of the progressive and learned farmers for others with regards to popularization of Pusa Tarak. This technology helps him for livelihood, empowerment and make him enthusiastic regards oilseed production. He is one of the progressive farmer after a becoming a part of KVK activities and get their effectiveness for his own development. Mr. Sanjay Singh is very happy with this improved production and management technology and set forth example for other farmers of the district.

A farmers with KVK's scientist

Mustard Crop Pusa Tarak

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	01
02	Field days	-
03	Workshops / seminars	-
04	Technology week	-
05	Training programmes	-
06	Others pl. specify	-

D. Overseeing of KVKs activities

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

E. Publication on Technology inventory

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

F. Technological Products provided to KVKs

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

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.	Component Name	No. of Components 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

Table-9.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension activities	
No of Established	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries

Table-9.2: Details of Bio-Fortified Crops used for nutritional security under NARI programme

Category	Bio Fortified Crop	Variety	Area (ha)	No of Beneficiaries
Cereal	Maize			
	Rice			
	Wheat			
Millet	Finger millet			

	Pearlmillet			
	Sorghum			
Oilseed	Groundnut			
	Mustard			
Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower			
Tuber	Sweet Potato			
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 (F/S, C/S)	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)		
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						
	Lentil						
Total (Rabi)							
Summer	Black gram						
Total (Summer)							
Grand Total							

15) NEMA (New Extension Methodologies and Approaches)

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	01	40
3	Garbage disposal	07	289

4	Door to door awareness		
5	Awareness campaign	09	266
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. Achivements under Natural Farming

Name of KVK	Number of awareness / training programmes organized	No. of Participants	Number of demonstrations organized at farms of KVKs	Number of farmers visited demonstration plots

XVII 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----------