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ANNUAL PROGRESS REPORT

JANUARY TO DECEMBER 2023

KRISHI VIGYAN KENDRA, THAKURDWARA, MORADABAD-II (U.P.)

DIRECTORATE OF EXTENSION

S. V. P. UNIVERSITY OF AGRICULTURE &TECHNOLOGY

MEERUT - 250110 (U.P.)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	69	1219	162	1381
Rural youths	7	64	6	70
Extension functionaries	28	486	114	600
Sponsored Training	2	88	12	100
Vocational Training	-	-	-	-
Total	106	1857	294	2151

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	150	60.00	-
Pulses	75	30.00	-
Cereals	170	58.00	-
Vegetables	55	20.00	-
Other crops	-	-	-
Hybrid crops	-	-	-
Total	**475**	**178.00**	
Livestock & Fisheries	80	3.20	60
Other enterprises	-	-	-
Total	80	3.20	60
Grand Total	**360**	**121.90**	**60**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	07	35	35
Livestock	02	10	10
Various enterprises	-	-	-
Total	**09**	**45**	**45**
Technology Refined			
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total			

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	22	1003
Other extension activities	514	10276
Kharif Abhiyan 2023	23	553
Programmes under LIFE Mission	05	188
Training on Cow Based Natural Farming	08	190
Training on Millet Production	18	1144
Animal Camp on fertility problem	04	265
Total		

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Aware-ness	Other enterprise	Total
	Text only	45	20	-	02	49	-	116
	Voice only	39	12	-	02	13	-	66
	Voice & Text both	27	15	-	02	16	-	60
	Total Messages	111	47	-	06	51	-	215
	Total farmers Benefitted	**3204**	**517**	-	**125**	**2120**	-	**5966**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	241.00 (Rabi 2022-23) 219.20 (Kharif 2023)	512125.00 478512.60
Planting material (No.)	1500	-
Bio-Products (kg)	-	-
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

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

8. HRD and Publications

Sr. No.	Category	Number	No. of participants
1	Workshops	02	100
2	Conferences	05	
3	Meetings	02	
4	Trainings for KVK officials	-	
5	Visits of KVK officials	02	
6	Book published	-	
7	Training Manual	-	
8	Book chapters	01	
9	Research papers	02	
10	Lead papers	-	
11	Seminar papers	-	
12	Extension folder	10	
13	Proceedings	01	
14	Award & recognition	-	
15	On going research projects	-	

DETAIL REPORT OF APR-(Jan 2023 to December 2023)

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		Email
Dr. Ravindra Kumar	Residence	Mobile	drrksoil@gmail.com
	-	9997904256	

1.4. Year of sanction:

1.5. Staff Position (as on 31st March, 2023)

S. No.	Sanctioned post	Name of the incumbent	Designation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id	Photograph
1	Programme Coordinator	Dr. Ravindra Kumar	Assoc. Professor & Incharge	Soil Science	37400-67000	152300	10.12.2003	Permanent	SC	9997904256	52	drrksoil@gmail.com	
2	Subject Matter Specialist	Dr. Hasan Tanveer	SMS/Assistant Professor	Plant Breeding	15600-39100	89900	23-06-2008	Permanent	GEN	8299198376	53	htshahi@yahoo.com	
3	Subject Matter Specialist	Sh. 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	36	rajeshkumarmahla46@gmail.com	
5	Subject Matter Specialist	Sh. Avinash Chauhan	SMS/T6	Agronomy	15600-39000	56100	14.10.2022	Permanent	GEN	7838614998	34	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	Sh. G. D. Deorari	Accountant	-	9300-34800	72100	06.09.2000	Permanent	GEN	9412362334	53	gddeorari102gmail.com	
12	Stenographer	Sh. Ranveer Singh	Jr. Steno		Column (4)	25500	04.03.2021	Permanent	SC	9756793379	31	ranveersingh711@gmail.com	
13	Driver	-	-	-	-	-	-	-	-	-	-	-	
14	Driver	-	-	-	-	-	-	-	-	-	-	-	
15	Supporting staff	Sh. Dinesh Kr	Attendant		Column (1)	22800	24.03.2017	Permanent	SC	8104823754	33	dineshkumardk80512@gmail.com	
16	Supporting staff	-	-	-	-	-	-	-	-	-	-	-	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.434
2.	Under Demonstration Units	0.100
3.	Under Crops	5.100
4.	Orchard/Agro-forestry	2.820
5.	Others (specify)	3.546

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	21000	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	ब्ज और थ्स्क 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 Kumar, 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 ब्ज 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 Chauhan, SMS, KVK, MBD-II		

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 March, 2023)

2.1 Major farming systems/enterprises (based on the PRA done 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*, Jowar- 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	Agro-ecological situations based on soil & topography	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	Crops	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 (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
Jan	10.63			
Feb	0.00			
March	62.66			
April	26.85			
May	136.91			
June	182.84			
July	328.01			
August	-			
September	-			
October	-			
November	-			
December	-			
Total rainfall	-			
Average rainfall	-			

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

Category	Population	Production	Productivity
Cattle			
Crossbred	82646	-	-
Indigenous	182565	-	-
Buffalo	287669	-	-
Sheep			
Crossbred			
Indigenous			
Goats			
Pigs			
Crossbred			
Indigenous			
Rabbits			
Poultry			
Hens			
Desi			
Improved			
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st March, 2023)

S.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. Low yield of paddy, wheat, mentha & mustard	Diversification in agriculture, Lack of high yielding varieties. Less availability of plant protection measures. Heavy infestation of weeds.
3	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 andIPM, 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 Low yield of paddy, wheat, mentha & mustard	Diversification in Agriculture. Use of Improved variety and 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 in crops
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 of Bee-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

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during Jan 2023 to June 2023

OFT (Technology Assessment)				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	121.9	200	355

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								
Rural youth								
Extn. Functionaries								

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200.00	241.00	-	20000.00	1500.00	188

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	10	10
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 and non-clinical remedies in controlling repeat breeding	05	05
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)	Poultry	Improvement of socio-economic status and malnutrition of farmers through backyard poultry farming	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 ASSESSMENT 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	39.25	-	36006	1:1.75
T_2 – DBW 71		46.45	18.34	49206	1:1.99

Recommendation	The data showed in table that T_2 (DBW-71) is more suitable in relation to yield as compare to T_1. KVK recommend to the farmers of Moradabad area to use DBW-71 for late sown condition.
Farmers reactions	Use of DBW-71 variety is good for late sown condition.
Date of Sowing & harvesting	05-08 Dec., 2022 & 12-15 April, 2023

OFT - 2

VARIETAL EVALUATION (Khrif 2023)

Problem definition	Low yield of Paddy due to old varieties.
Technology assessed or refined	Evaluation of improved variety of Paddy.
No. of Farmers	05

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

Table : Performance of Paddy.

Technology Option	No. of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T_1 – Farmers practice Old variety	05	Result Awaited			
T_2 – PD-126					

OFT - 3

Integrated Pest Management (Kharif 2023)

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	37.5	-	22400	1:1.41
T2 – Use of Cartap hydrochloride 4G@ 20kg/ha.		43.5	16.0	32440	1:1.57

Recommendation	The data showed in the table that T2 (use of Cartap hydrochloride 4G) is more suitable in relation to yield as compare to T1. KVK recommend to the farmers of Moradabad area to use Cartap hydrochloride 4G in paddy crop.
Farmers reactions	Use of Cartap hydrochloride 4G is good for control of stem borer in paddy crop.
Date of pesticide Distribution	25 Aug., 2022

OFT - 4

Integrated Disease Management (Rabi 2022-23)

Problem definition	Yield loss in Vegetable Pea due to root rot disease
Technology assessed or refined	Biological control of root rots disease in vegetable pea
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	88.0	-	50685	2.41
T2 – Soil application of *Trichoderma* powder @ 2.5 kg/ha mixed with FYM		104.6	18.86	77905	2.79

Recommendation	The data showed in the table that T2 (Soil application of *Trichoderma* powder) is more suitable in relation to yield as compare to T1. KVK recommend to the farmers of Moradabad area to use Soil application of *Trichoderma* powder in vegetable crop.
Farmers reactions	Use of Soil application of *Trichoderma* powder @ 2.5 kg/ha mixed with FYM is good for control of stem borer in paddy crop.
Date of Trichoderma Distribution	07 Nov., 2022

OFT - 5

Disease Management (Kharif 2023)

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	20%	-
T2 – Mineral mixture @ 50 g/Day/Animal up to 60 days + Inj Receptal 5 ml (72-96 hrs. Before AI)		80%	-

Recommendation	The data showed in the table that T_2 (use of Mineral mixture @ 50 g/Day/Animal up to 60 days + Inj Receptal 5 ml (72-96 hrs. Before AI)) is more suitable in relation to control repeat breeding as compare to T1. KVK recommend to the farmers of Moradabad area to use Mineral mixture @ 50 g/Day/Animal up to 60 days + Inj Receptal 5 ml (72-96 hrs. Before AI).
Farmers reactions	Use of Mineral mixture @ 50 g/Day/Animal up to 60 days + Inj Receptal 5 ml (72-96 hrs. Before AI) is good to control repeat breeding in buffalos.
Date of Kit Distribution	24 Aug., 2022

OFT - 6

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

OFT - 7

Weed Management (Kharif 2023)

Problem definition	Low yield of Paddy due to high quantity of weeds
Technology assessed or refined	Evaluation of selective herbicide Trifamone 20%+Ethoxysulfuron10%WG
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
T_1 – Farmers practice Common weedicides/farmers' practice	05	Result Awaited			
T_2 – Selective Herbicide Trifamone 20%+Ethoxysulfuron10%WG					

OFT - 8

IPM (Kharif 2023)

Problem definition	Yield loss in paddy crop due to stem borer
Technology assessed or refined	Use of Isocycloserous 18.1% @120ml/acre to control stem borer in paddy
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
T_1 – Farmers practice – Use of phorate 10G @ 25 kg/ha. T_2 – Use of Isocycloserous 18.1% @120ml/acre	05	Result Awaited			

OFT - 9

Disease Management (Kharif 2023)

Problem definition	Yield loss in Sugarcane crop due to Poka Boing.
Technology assessed or refined	Use of Copper Oxy Chloride 50% WP to control stem borer in paddy
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
T_1 – Farmers practice – Use of other insecticides T_2 – Use of Copper Oxy Chloride 50% WP	05	Result Awaited			

II. FRONTLINE DEMONSTRATION

Details of FLDs implemented during 2023

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		-	-

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	Uttara	25	10	16.1	10.3	13.24	11.8	12.20	21200.00	76792.00	55592.00	1:3.62	19800.00	68440.00	48640.00	1:3.45

@ Rs. 5800 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety Uttara, researches can use as a parent for further development of new variety	We recommend for seed production to line department.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires good IPM practices.

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days	01	02.02.2023	29	
2	Farmers Training	02	-	40	
3	Media coverage				
4	Training for extension functionaries				

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. 2022		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Mustard	- ICM	ICM through improved seed Imidaclorpid@0.5lit/ha	DRMR 1165-40	50	20.0	22.1	15.8	19.48	16.80	15.95	25300.00	112984.00	87684.00	1:4.46	22800.00	97440.00	74640.00	1:4.27

@ Rs. 5800 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety DRMR 1165-40, researches can use as a parent for further development of new variety	We recommend for seed production to line department.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires good IPM practices.

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days	01	27.01.2023	25	
2	Farmers Training	02	-	40	
3	Media coverage				
4	Training for extension functionaries				

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	15.3	10.6	12.88	10.61	21.13	23600.00	77280.00	53680.00	1:3.27	21400.00	63660.00	42260.00	1:2.97

@ Rs. 6000.00 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety IPL 315, IPL 526, researches can use as a parent for further development of new variety	We recommend for seed production to line department.

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires good IPM practices.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	01	-	20	
3	Media coverage				
4	Training for extension functionaries				

FLD - 4

Urd (Khairif 2023)

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	Urd	- ICM	- ICM through improved Seed	Kharif 2023	10.0	10.0	09	16	25	N.A.

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Urd	Kharif 2023	Irrigated	Loam	Medium	Low	Medium	Wheat	24-26 July 2023	NA	-	-

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
Urd	- ICM	ICM through improved seed	Vallbh-1	25	10.0	Result Awaited												

FLD - 5

Mustard (Rabi 2023-24)

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	Rabi 2023-24	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	Result Awaited														

FLD - 6

Toria (Rabi 2023)

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	Rabi 2023-24	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., 2023 to 4 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
Toria		- ICM through improved seed@ 5kg/ha	Uttara	25	10	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 2022-23	Irrigated	Sandy loam and loam	Low	Medium	Medium	Paddy	15-11-2022 to 19-11-2022	14-16 April 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	Promoting high yielding variety of wheat	To demonstrate the yield potential of new variety. .	DBW -222	10	2.0	52.5	45.0	48.55	41.25	17.70	57200	103169	45969	1:1.80	52300	87656	35356	1:1.67

MSP @ Rs. 2125.00 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety DBW 222, researches can use as a parent for further hybridization programme to develop a new variety.	We recommend for seed production to line department.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days				
2	Farmers Training	02	-	40	
3	Media coverage				
4	Training for extension functionaries				

FLD - 2

Plant Breeding: Wheat

39

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	25.11.2022 to 28.11.2022	18-22 April 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	Promoting HYV of wheat under late sown condition	To demonstrate the yield potential of wheat variety under late sown condition.	DBW - 173	10	2.0	46.5	42.0	44.9	38.0	18.16	49500	95412	45912	1:1.92	47400	80750	33350	1:1.70

MSP @ Rs. 2125.00 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety DBW 173, researches can use as a parent for further hybridization programme to develop a new variety.	We recommend for seed production to line department.
2		

a.

b. Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

c.

d. Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days				
2	Farmers Training	02	-	40	
3	Media coverage				
4	Training for extension functionaries				

FLD - 3

Plant Breeding: Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	Promoting high yielding variety of Paddy	To demonstrate the yield potential of new variety –PD-28	Kharif 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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Low	Medium	Medium	Wheat	20-25 June-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**
paddy	Promoting high yielding variety of paddy	To demonstrate the yield potential of new variety.	PD-28	10	2.0	Result Awaited												

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety PD 28, researches can use as a parent for further hybridization programme to develop a new variety.	We recommend for seed production to line department.
2		

a.

b. Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

c.

d. Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days	01	05-10-2023	25	
2	Farmers Training	02	-	40	
3	Media coverage				
4	Training for extension functionaries				

FLD - 4

Plant Breeding: Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Paddy	Promoting high yielding variety of Basmati Rice	To demonstrate the yield potential of new variety –PB-1718	Kharif 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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Low	Medium	Medium	Wheat	15-20 July-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
paddy	Promoting high yielding variety of paddy	To demonstrate the yield potential of new variety.	PB-1718	10	2.0	Result Awaited												

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety PB 1718, researches can use as a parent for further hybridization programme to develop a new variety.	We recommend for seed production to line department.
2		

a.

b. Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

c.

d. Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days	01	26-09-2023	25	
2	Farmers Training	02	-	40	
3	Media coverage				
4	Training for extension functionaries				

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 2023	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 2023	Irrigated	Sandy loam	Low	Medium	Medium	Wheat	01.07.2023 to 10.07.2023	-	-	-

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
Paddy	INM	Effect of foliar application of water soluble fertilizer	-	20	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	15-20 February 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
Potato	INM	Effect of foliar application of water soluble fertilizer	-	20	8.0	325	310	315	265	18.86	120500	472500	397500	1:3.92	119000	405000	286000	1:3.34

@ 1500 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	To increase the nutrient efficiency, and better yield balance fertilization is necessary, researchers can utilize water soluble fertilizers.	We recommend liquid fertilizers to line department for better yield.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Water soluble fertilizers are efficient and easy to use fertilizers.
2	With high efficiency water soluble fertilizers reduces the cost of production.

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

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	15-20 April 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	INM	Effect of Nano urea in Wheat	-	20	8.0	55	46	49	43	13.95	53500	104125	50625	1:1.94	53000	91375	38375	1:1.72

@2125 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	To increase the nutrient efficiency, and better yield balance fertilization is necessary, researchers can utilize Nano urea fertilizers for better results.	We recommend Nano urea fertilizers to line department for better yield.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Nano urea fertilizers are efficient and easy to use fertilizers.
2	With high efficiency Nano urea fertilizers reduces the cost of production.

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

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	15-20 April 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	IWM	Weed management in Wheat through Clodinafop 15% +Metsulfuron methyl 1% WP	-	10	4.0	48.9	44.0	47.45	40.25	17.88	55000	100831.25	45831.25	1.83:1	53500	85531.25	31031.25	1.60:1

@ Rs. 2125 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Weeds reduce the yield drastically and new chemicals are required for better yields and less cost of production.	We recommend Clodinafop 15% +Metsulfuron methyl 1% WP to line department for better yield.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Clodinafop 15% +Metsulfuron methyl 1% WP reduces the weed population in wheat crop which results in higher grain yield.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

FLD - 9
Crop Protection: 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	IPM	Application of Cynaxonil + Mencozeb to control late Blight of Potato	Rabi 2022-23	4.0	4.0	01	09	10	N.A.

Details of farming situationP

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	15-20 April 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Potato	IPM	Application of Cynaxonil + Mencozeb to control late Blight of Potato	-	10	4.0	310	298.5	305.4	265	15.24	120000	458100	338100	1:3.81	117150	397500	280350	1:3.39

@ Rs. 1500 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Diseases reduces the yield drastically and new chemicals are required for better yields and less cost of production.	We recommend Cynaxonil + Mencozeb in potato crop to line department for better yield.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Cynaxonil + Mencozeb in potato crop controls late blight disease which results in higher grain yield.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

FLD - 10
Crop Protection: Vegetable Pea

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Vegetable Pea	IDM	Application of Carathon 48%EC in vegetable pea to control powdery mildew	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					
Vegetable Pea	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	20.10.2022 to 25.10.2022	25-30 January 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
Vegetable Pea	IDM	Application of Carathon 48%EC in vegetable pea to control powdery mildew	-	10	4.0	112	102.5	108.46	96	12.18	67800	206074	138274	1:3.03	65650	182400	116750	1:2.77

@ Rs. 1900 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Diseases reduces the yield drastically and new chemicals are required for better yields and less cost of production.	We recommend Carathon 48%EC in pea crop to line department for better yield.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Carathon 48%EC in pea crop controls powdery mildew disease which results in higher grain yield.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

FLD - 11
Crop Protection: Tomato

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	Tomato	IPM	Application of Indoxacarp 14.5 EC to control fruit borer insect in Tomato	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					
Tomato	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	20.11.2022 to 25.11.2022	15-20 April 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Tomato	IPM	Application of Indoxacarp 14.5 EC to control fruit borer insect in Tomato	-	10	4.0	965	690	841.5	720	16.87	421360	1262250	840890	1:2.99	419490	1080000	660510	1:2.57

@ Rs. 1500 per quintal

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Insects reduces the yield drastically and new chemicals are required for better yields and less cost of production.	We recommend Indoxacarp 14.5 EC in Tomato crop to line department for better yield.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Indoxacarp 14.5 EC in Tomato crop controls fruit borer which results in higher grain yield.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

FLD - 12

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	Reduced 60 % mortality in calf.

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Worms reduces the weight of calf drastically and new salt are required for better calf health and less mortality.	We recommend use of Dewormer (Fenbendazole+Ivermactin) Bolus for good health and reduce mortality in calf.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Dewormer (Fenbendazole+Ivermactin) Bolus in calf controls worms which results in higher weight gain and less mortality.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	1		20	
3	Media coverage				
4	Training for extension functionaries				

FLD - 13

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	Multi harvesting @interval of 35 days for green fodder	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield t/ha			Yield of local Check t/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	BL-44	10	0.4	7.00	6.85	6.94	5.46	27.10	11560	31230	19670	1:2.70	10050	24570	14520	1:2.44

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Due to higher yield of variety BL 44, researches can use for higher green fodder production.	We recommend for BL 44 for higher green fodder production to line department.
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Use of quality seed and new improved variety is essential.
2	

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days				
2	Farmers Training	01	-	20	
3	Media coverage				
4	Training for extension functionaries				

Performance of FLD

Crop	**Thematic Area**	**Technology Demonstrated**	**Variety**	**No. of Farmers**	**Area (ha.)**	**Demo. Yield q/ha**			**Yield of local Check q./ha**	**Increase in yield (%)**	**Economics of demonstration (Rs./ha.)**				**Economics of check (Rs./ha.)**			
						H	**L**	**A**			**Gross Cost**	**Gross Return**	**Net return**	**BCR (R/C)**	**Gross Cost**	**Gross Return**	**Net return**	**BCR (R/C)**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**
paddy	Promoting high yielding variety of paddy	To demonstrate the yield potential of new variety.	PB 1718	10	2.0	Result Awaited												

FLD - 14

Crop Production: Paddy

S. N.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	

1	Paddy	Weed control in paddy crop	Bispyriback Sodium +MSM	Kharif 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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Low	Medium	Medium	Wheat	01-05 July-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
paddy	Weed control in paddy crop	Weed control in paddy crop.	NA	20	4.0	Result Awaited												

FLD - 15

Plant Protection: Sugarcane

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	Sugarcane	IDM	Management of Top borer through chemical Chlorantrinapole 8.8%+ thiomethoxum17.5%SC	Kharif 2022	4.0	4.0	00	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					

Sugarcane	Kharif 2022	Irrigated	Sandy loam	Low	Medium	Medium	Wheat	-	-	-	-

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
Sugarcane	IDM	Management of Top borer through chemical Chlorantrinapole 8.8%+ thiomethoxum17.5 %SC	-	10	4.0	Result Awaited												

FLD - 16

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	Disease control in Paddy	Sheath control in paddy crop by Propiconazole 20% EC	Kharif 2023	8.0	8.0	01	19	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 2023	Irrigated	Sandy loam and	Low	Medium	Medium	Wheat	01-05 July-2023	-	-	-

			loam								

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	Disease control in Paddy	Sheath control in paddy crop by Propiconazole 20% EC	NA	20	8.0	Result Awaited												

FLD - 17

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	Insect control in Paddy	BPH control in paddy crop by Pymetrozine 50% WG	Kharif 2023	8.0	8.0	01	19	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 2023	Irrigated	Sandy loam and loam	Low	Medium	Medium	Wheat	01-05 July-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
paddy	Insect control in Paddy	BPH control in paddy crop by Pymetrozine 50% WG	NA	20	8.0	Result Awaited												

FLD - 18

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 2023-24	0.8	0.8	07	13	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					
Berseem	Rabi 2022-23	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	15.10.2023 to 18.10.2023	Multi harvesting @interval of 35 days for green fodder	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield t/ha	Yield of local	Increase in yield (%)	Economics of demonstration (Rs./ha.)	Economics of check (Rs./ha.)

						H	L	A	Check t/ha		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	BL-44	20	0.8	Result Awaited												

FLD - 19

Crop Production: Oats

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	Oats	Feed and fodder	Use of Improved Variety seed @ 100 kg/ha	Rabi 2023-24	2.0	2.0	04	16	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					
Oats	Rabi 2023-24	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	-	-	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield t/ha	Yield of local	Increase in yield (%)	Economics of demonstration (Rs./ha.)	Economics of check (Rs./ha.)

						H	L	A	Check t/ha		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**
Oats	Feed and fodder	Use of Improved Variety seed @ 100 kg/ha	BL-44	20	0.8	Result Awaited												

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Groundnut																								
Sesamum																								
Mustard																								
	ICM	ICM through seed imidachlorprid @ 0.5 l/ha	DRMR-1165-40	50	20	Grain Yield	22.1	15.8	19.48	16.80	15.95	22.1	15.8	19.48	16.80	15.95	25300	112984	87684	1:4.46	22800	97440	74640	1:4.27
Toria																								
	ICM	ICM through seed @ 5kg/ha imidachlorprid @ 0.5 l/ha Hand weeding	Uttara	25	10	Grain Yield	16.1	10.3	13.24	11.8	12.20	16.1	10.3	13.24	11.8	12.20	21200	76792	55592	1:3.62	19800	68440	48640	1:3.45
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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot			Check plot		Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
							High	Low	Average			High	Low	Average										
Pigeonpea																								
Blackgram																								
Greengram																								
Chickpea																								
Fieldpea																								
Lentil																								
	ICM	ICM through improved seed @ 40 kg/ha	IPL 315 IPL 526	50	20	Grain Yield	15.3	10.6	12.88	10.61	21.13	15.3	10.6	12.88	10.61	21.13	23600	77280	53680	1:3.27	21400	63660	42260	1:2.97
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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

FLD on Other crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot			Check plot		Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
							High	Low	Average			High	Low	Average										
Cereals																								
Paddy	IDM	Management of sheath blight through chemical	-	10	4		51	42.2	46.22	39.5	17.01	51	42.2	46.22	39.5	17.01	54550	94288.8	39768.8	1.72	52500	80580	28080	1.53
	IPM	Management of brown plant hopper through chemical	-	10	4		50.2	42.5	44	38.3	14.88	50.2	42.5	44	38.3	14.88	54650	89760	35110	1.6	52500	78132	25632	1.48
	INM	Effect of foliar application of water soluble ferrtilizer	-	20	8		56	47	50.5	44	14.77	56	47	50.5	44	14.77	54000	103020	49020	1:1.90	52500	89760	37260	1:1.71
Waterlogged Situation																								
Coarse Rice																								
Scented Rice																								

Wheat Timely sown																							
	Promoting High yielding variety of wheat	To demonstrate the yield potential of new variety DBW-222	DBW 222	10	2	Grain Yield	52.5	45	41.25	41.25	17.70	52.5	45	41.25	41.25	17.70	57200	103169	45969	1:1.80	52300	87656	35356	1:1.67
	INM	Effect of nano urea in wheat		20	8	Grain Yield	55	46	49	43	13.95	55	46	49	43	13.95	53500	104125	50625	1:1.94	53000	91375	38375	1:1.72
	IWM	Weed management in wheat		10	4	Grain Yield	48.9	44.0	47.45	40.25	17.88	48.9	44.0	47.45	40.25	17.88	55000	100831.25	45831.25	1:1.83	53500	85531.25	31031.25	1:1.60
Wheat Late Sown																								
	Promoting improved variety of wheat under sown condition	To demonstrate the yield potential of wheat variety under late sown condition	DBW 173	10	2	Grain Yield	46.5	42	44.9	38.0	18.16	46.5	42	44.9	38.0	18.16	49500	95412	45912	1:1.92	47400	80750	33350	1:1.70
Mandua																								
Barley																								
Maize																								
Amaranth																								
Millets																								
Jowar																								

Bajra																								
Barnyard millet																								
Finger millet																								
Vegetables																								
Bottlegourd																								
Bittergourd																								
Cowpea																								
Spongegourd																								
Petha																								
Tomato	IPM	Application of Indoxacarp 14.5 EC to control fruit borer		10	4	Fruit Yield	965	690	841.5	720	16.87	965	690	841.5	720	16.87	421360	1262250	840890	1:2.99	419490	1080000	660510	1:2.57
Frenchbean																								
Capsicum																								

Chilli																							
Brinjal																							
Vegetable pea																							
	IDM	Application of carathan 48% EC in vegetable pea to control powdery mildew		10	4	Vegetable pod	112	102.5	108.46	96	12.18	112	102.5	108.46	96	12.18	67800	206074	138274	1:3.03	65650	182400	116750	1:2.77
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	INM	Effect of foliar application of water soluble fertilizer	-	20	8	Tuber yield	260	320	315	265	18.86	260	320	315	265	18.86	120500	472500	397500	1:3.92	119000	405000	286000	1:3.34
Potato	IPM	Application of Cynaxonil + Mencozeb to control late blight of Potato		10	4	Tuber Yield	310	298.5	305.4	265	15.24	310	298.5	305.4	265	15.24	120000	458100	338100	1:3.81	117150	397500	280350	1:3.39
Medicinal & aromatic plants																							
Mentholment																							

Kalmegh																							
Ashwagandha																							
Fodder Crops																							
Sorghum (F)																							
Cowpea (F)																							
Maize (F)																							
Lucern																							
Berseem	Feed and Fodder	Use of improved variety seed @30 kg/ha	BL-44	10	0.4	Green Fodder Yield	700	685	694	546	27.10	700	685	694	546	27.10	11560	31230	19670	1:2.70	10050	24570	14520	1:2.44
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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

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	Yield (Kg/animal) or No. of eggs/bird)		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																	
	Reducing calf Mortality	Use of dewormer Bolus	30	60	-	-	Reduce 60% calf mortality	-	-	-	-	-	-	-	-	-	-
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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		
3		
4		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	
3	
4	

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																

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

FLD on Women Empowerment

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

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)

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2023***)*

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

III. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs. /ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)		
KVK, Thakurdwara, Moradabad-II	Paddy	Pant Dhan 26	0.17	25.8	55974	Paddy	Pant Dhan 26	0.17	31.8	570715.6	26.07.2022	09.11.2022
	Wheat	DBW 222	0.17	37.4	51950	Wheat	DBW 222	0.17	44.0	53795	27.11.2022	13.04.2023

2) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-

4) Information of Farmers already Practicing Natural Farming

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	No. of Years in Natural Farming	Area Covered under Natural Farming	Crops Grown under Natural Farming	Any significant achievements under natural farming
1	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
1	KVK, Thakurdwara, Moradabad-II	Dr. Rajesh Kumar	Livestock Production	8949231485
2	KVK, Thakurdwara, Moradabad-II	Sh. Deepak Kumar	Plant Protection	8433262079

6) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

IV. Drone Project

1) Details of Drone Training

S.No	Name of the Institute/KVK	No. of Drone Alloted	No. of Drones Received	No. of Trainees	Name of RPTOs (Pilot)	Designation of Trainee	Mob No. of Trainee	Email Id of Trainee	Training Institute	Training Status Done/Scheduled	Passport No. of the Trainee	Training Schedule	Remarks about Training Schedule
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

2) Details of Nodal officers under Drone Project

S.No	Name of the Institute	Name of Nodal Officer	Contact No.	Email
-	-	-	-	-
-	-	-	-	-

3) Expenditure regarding Agri-Drone

S. No.	Name of KVK, ICAR Institute and AU	No. of Drones allotted	No. of Drones Purchased	Funds for purchase of Drones@ Rs.10.0 lakh/drone	Funds for conducting demonstration Rs.@ 0.03 lakh/demo Rs. In lakh	Total funds released (Rs. In Lakh)	Funds utilized for purchase of Drones (Rs. In Lakh)	Funds utilized for conducting demonstration (Rs. In Lakh)	Total Fund Utilized (Rs. In Lakh)	Balance (Rs. In Lakh)	Percentage Utilization of Released Budget	Target Area under demonstration (ha)	Area under herbicidal spray (ha)	Area under insecticidal spray (ha)	Area under fertilizer spray (ha)	Area under nano-fertilizer spray (ha)	Total target achieved under demonstration (ha)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

V. DAMU Project

Project Details

1. Name of Damu, District, ATARI zone and Year

DAMU Name : NA

Name of Blocks: NA

Year of start of AAS at DAMU: NA

2. Name and address with landline and mobile numbers along with STD code (also provide e-mail address) of head of ATARI, Project Coordinator, Head of the Krishi Vigyan Kendra (KVK)

Designation	Name	Address	STD code Telephone no. & Fax	Email-id
Head of ATARI	-	-	-	-
Head of KVK	-	-	-	-
Project Coordinator (PC)	-	-	-	-
SMS	-	-	-	-
Agromet Observer (AO)	-	-	-	-

5. Date of start of Agromet Advisory Bulletins:

6. Nearest Air, Tv And Railway Station (provide the road distance from DAMU)

I) Air Station :

II) TV Station :

III) Railway Station:

7. Status of Agro-AWS

7.1 Date of installation of AWS :

7.2 List of instruments presently available in working condition:

7.3 Instruments to be replaced/repaired indicating type of defect:

7.4 Please provide frequency of observation, exposure conditions of the site etc.

7.6 Number of years of data records available:

7.8 Whether the observatory is periodically inspected, maintained and calibrated by IMD (If yes, please indicate the latest data of inspection by the IMD)

7.9 Details of soil moisture observations taken, if any (please provide frequency and depths of observation etc.)

8. Details of Agromet Advisory Services

i. How many times the weather forecasts were received during the year:

ii. When do you receive the forecasts from MC/RMC?

iii. How many AAS bulletins were prepared and disseminated to the farmers in the year?

iv. How many AAS bulletins were prepared using Agromet-DSS in English and regional languages?

v. List the modes of mass communication adopted for AAS dissemination:

vi. Details of broadcast on AIR and TV (name of station broadcast frequency, time slot provided etc.) (Audio tape of the recent broadcast):

vii. Give list of farmers awareness programmes conducted like Krishi / Kishan Melas, training, participation in national day parades etc. and photograph of Farmer's Awareness Programme (no of Farmer attended)

viii. No of SMS sent through Kisan Portal and how many farmers were benefitted during the year

ix. List of other organizations receiving Agromet advisories:

9. Verification results of District and Block level weather forecast

10. Economic impact of Agromet advisory services:

11. Mobile APP based Agromet advisory services for farmers:

12. Feedback from progressive farmers:

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	Total	M	F	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	1. Improved agronomic techniques of planted & ratoon sugarcane production 2. Management of crops residue and summer plough. 3. Intercropping of Sugarcane with Mustard and improved agronomic practices of Rabi crops.	3	24	18	42	18	0	18	42	18	60
Soil & water conservatioin					0			0	0	0	0
Integrated nutrient management											
Production of organic inputs					0			0	0	0	0
Others				0	0		0	0	0	0	0
Total		**3**	**24**	**18**	**42**	**18**	**0**	**18**	**42**	**18**	**60**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops					0			0	0	0	0
Off-season vegetables					0			0	0	0	0
Nursery raising					0			0	0	0	0
Exotic vegetables					0			0	0	0	0
Export potential vegetables					0			0	0	0	0
Grading and standardization					0			0	0	0	0
Protective cultivation					0			0	0	0	0
Others					0			0	0	0	0
Total (a)		0	0	0	0	0	0	0	0	0	0
b) Fruits											
Training and Pruning					0			0	0	0	0
Layout and Management of Orchards					0			0	0	0	0
Cultivation of Fruit					0			0	0	0	0
Management of young plants/orchards					0			0	0	0	0
Rejuvenation of old		0	0	0	0	0	0	0	0	0	0

orchards										
Export potential fruits					0			0	0	0	0
Micro irrigation systems of orchards					0			0	0	0	0
Plant propagation techniques					0			0	0	0	0
Others					0			0	0	0	0
Total (b)		0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants											
Nursery Management					0			0	0	0	0
Management of potted plants					0			0	0	0	0
Export potential of ornamental plants					0			0	0	0	0
Propagation techniques of Ornamental Plants					0			0	0	0	0
Others					0			0	0	0	0
Total (c)		0	0	0	0	0	0	0	0	0	0
d) Plantation crops											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (f)		0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants											
Nursery management		0			0			0	0	0	0
Production and management technology					0			0	0	0	0
Post harvest technology and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III Soil Health and Fertility Mangmt.											
Soil fertility management		0	0	0	0	0	0	0	0	0	0
Integrated water					0			0	0	0	0

management											
Integrated Nutrient Management	1. Effect of water soluble fertilizers on paddy crop	1	11	0	11	9	0	9	20	0	20
Production and use of organic inputs	1. Role and importance of bio fertilizers and water management in crop production 2. Importance and uses of Bio fertilisers in oilseeds and pulses.	2	24	9	33	7	0	7	31	9	40
Management of Problematic soils					0			0	0	0	0
Micro nutrient deficiency in crops					0			0	0	0	0
Nutrient Use Efficiency	1. Water & fertilizer management and how to reduce the nitrogen loss in paddy	1	16	0	16	4	0	4	20	0	20
Balance use of fertilizers	1. Role & Importance of macro and micro Nutrient management in vegetable crops	1	7	0	7	13	0	13	20	0	20
Soil and Water Testing					0			0	0	0	0
Others					0			0	0	0	0
Total		**5**	**58**	**9**	**67**	**33**	**0**	**33**	**91**	**9**	**100**
IV Livestock Production and Mangmt.											
Dairy Management											
Poultry Management	1. Care and Management of heifers	1	7	0	7	8	5	13	15	5	20
Piggery Management					0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition Management	1. Importance of Mineral Mixture in health and production of animals. 2. Importance of balance ration in animals.	2	15	14	29	10	1	11	25	15	40
Disease Management	1. Control of BQ&HS in animals: Its causes & prevention 2. Foot and mouth disease of cattle: Its symptoms and control	2	23	1	24	16	0	16	39	1	40
Feed & fodder technology					0			0	0	0	0
Production of quality animal products					0			0	0	0	0
Others					0			0	0	0	0
Total		**5**	**45**	**15**	**60**	**34**	**6**	**40**	**79**	**21**	**100**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening					0			0	0	0	0
Design and development of low/minimum cost diet					0			0	0	0	0
Designing and development for high nutrient efficiency diet					0			0	0	0	0
Minimization of nutrient loss in					0			0	0	0	0

processing											
Processing and cooking					0			0	0	0	0
Gender mainstreaming through SHGs					0			0	0	0	0
Storage loss minimization techniques					0			0	0	0	0
Value addition					0			0	0	0	0
Women empowerment					0			0	0	0	0
Location specific drudgery reduction technologies					0			0	0	0	0
Rural Crafts					0			0	0	0	0
Women and child care					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VI Agril. Engineering											
Farm Machinary and its maintenance					0			0	0	0	0
Installation and maintenance of micro irrigation systems					0			0	0	0	0
Use of Plastics in farming practices					0			0	0	0	0
Production of small tools and implements					0			0	0	0	0
Repair and maintenance of farm machinery and implements					0			0	0	0	0
Small scale processing and value addition					0			0	0	0	0
Post Harvest Technology					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection											
Integrated Pest Management	1. Insect and Disease management in Rabi crops 2. Insect and Disease management in cucurbits 3. insect and disease control in legume crops 4. Insect and Disease management in Kharif crops 5. IPM in Mango	5	72	3	75	25	0	0	97	3	100
Integrated Disease Management					0			0	0	0	0
Bio-control of pests and diseases					0			0	0	0	0
Production of bio control agents and bio pesticides					0			0	0	0	0
Others					0			0	0	0	0
Total		**5**	**72**	**3**	**75**	**25**	**0**	**0**	**97**	**3**	**100**
VIII Fisheries											
Integrated fish farming					0			0	0	0	0

Carp breeding and hatchery management		0			0			0	0	0	0
Carp fry and fingerling rearing		0			0			0	0	0	0
Composite fish culture					0			0	0	0	0
Hatchery management and culture of freshwater prawn					0			0	0	0	0
Breeding and culture of ornamental fishes					0			0	0	0	0
Portable plastic carp hatchery					0			0	0	0	0
Pen culture of fish and prawn					0			0	0	0	0
Shrimp farming					0			0	0	0	0
Edible oyster farming					0			0	0	0	0
Pearl culture					0			0	0	0	0
Fish processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site											
Seed Production					0			0	0	0	0
Planting material production					0			0	0	0	0
Bio-agents production					0			0	0	0	0
Bio-pesticides production					0			0	0	0	0
Bio-fertilizer production					0			0	0	0	0
Vermi-compost production					0			0	0	0	0
Organic manures production					0			0	0	0	0
Production of fry and fingerlings					0			0	0	0	0
Production of Bee-colonies and wax sheets					0			0	0	0	0
Small tools and implements					0			0	0	0	0
Production of livestock feed and fodder					0			0	0	0	0
Production of Fish feed					0			0	0	0	0
Mushroom Production					0			0	0	0	0
Apiculture					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics											
Leadership development					0			0	0	0	0
Group dynamics					0			0	0	0	0
Formation and Management of SHGs					0			0	0	0	0

Mobilization of social capital					0			0	0	0	0
Entrepreneurial development of farmers/youths					0			0	0	0	0
WTO and IPR issues					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry											
Production technologies					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Farming Systems					0			0	0	0	0
Plant Breeding	1. Improved verities of mentha and their production techniques 2. Improved verities of maize and their production techniques 3. Improved verities of paddy and their production techniques. 4. Qualities of new varieties of sugarcane, rapeseed & mustard and their production techniques. 5. Improved varieties of Rabi crops (wheat, field pea, lentil and oat) and their production techniques	5	76	8	84	16	0	16	92	8	100
Total		**5**	**76**	**8**	**84**	**16**	**0**	**16**	**92**	**8**	**100**
GRAND TOTAL		**23**	**275**	**53**	**328**	**126**	**6**	**107**	**401**	**59**	**460**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	Total	M	F	Total	Male	Female	Total
I Crop Production											
Weed Management	1. Weed management in Sugarcane	1	12	0	12	8	0	8	20	0	20
Resource Conservation Technologies					0			0	0	0	0
Cropping Systems	1. Intercropping of mentha with Sugarcane	1	5	4	9	5	6	11	10	10	20
Crop Diversification					0			0	0	0	0
Integrated Farming					0			0	0	0	0
Micro Irrigation/irrigation					0			0	0	0	0
Seed production					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Crop Management	1. Integrated Crop management in Urd bean 2. Paddy crop management and management practices in dry conditions 3. Weed management in paddy crop 4. ICM in rabi oilseed crops 5. Agronomic practices of rabi pulses 6. Improved techniques of fodder crops production 7. INM in wheat 8. Production technique of wheat crop	8	127	12	139	17	4	0	144	16	160
Soil & water conservatioin					0			0	0	0	0
Integrated nutrient management					0			0	0	0	0
Production of organic inputs					0			0	0	0	0
Others					0			0	0	0	0
Total		**10**	**144**	**16**	**160**	**30**	**10**	**19**	**174**	**26**	**200**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops					0			0	0	0	0
Off-season vegetables					0			0	0	0	0
Nursery raising		0	0	0	0	0	0	0	0	0	0
Exotic vegetables					0			0	0	0	0
Export potential vegetables					0			0	0	0	0
Grading and standardization					0			0	0	0	0
Protective					0			0	0	0	0

cultivation											
Others					0			0	0	0	0
Total (a)		0	0	0	0	0	0	0	0	0	0
b) Fruits											
Training and Pruning					0			0	0	0	0
Layout and Management of Orchards					0			0	0	0	0
Cultivation of Fruit					0			0	0	0	0
Management of young plants/orchards		0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards		0	0	0	0	0	0	0	0	0	0
Export potential fruits					0			0	0	0	0
Micro irrigation systems of orchards					0			0	0	0	0
Plant propagation techniques					0			0	0	0	0
Others					0			0	0	0	0
Total (b)		0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants											
Nursery Management					0			0	0	0	0
Management of potted plants					0			0	0	0	0
Export potential of ornamental plants					0			0	0	0	0
Propagation techniques of Ornamental Plants					0			0	0	0	0
Others					0			0	0	0	0
Total (c)		0	0	0	0	0	0	0	0	0	0
d) Plantation crops											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (f)		0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants											
Nursery management		0			0			0	0	0	0

Production and management technology					0			0	0	0	0
Post harvest technology and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III Soil Health and Fertility Mangmt.											
Soil fertility management	1. Importance of soil testing in crop production regarding balance fertilizer 2. Importance & method of soil and water conservation 3. Management of mannures and fertilizers to improve the soil fertility. 4. Importance of green mannure in soil health improvement 5. Importance of green mannure in soil health improvement	5	95	0	95	5	0	5	100	0	100
Integrated water management		0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	1. Effect of water soluble fertilizers in oilseeds and pulses 2. INM in oilseeds and pulses	2	36	0	36	4	0	4	40	0	40
Production and use of organic inputs		0	0	0	0	0	0	0	0	0	0
Management of Problematic soils					0			0	0	0	0
Micro nutrient deficiency in crops		0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency					0			0	0	0	0
Balance use of fertilizers		0	0	0	0	0	0	0	0	0	0
Soil and Water Testing					0			0	0	0	0
Others					0			0	0	0	0
Total		**7**	**131**	**0**	**131**	**9**	**0**	**9**	**140**	**0**	**140**
IV Livestock Production and Mangmt.											
Dairy Management	1. Different methods of milking for higher milk production	1	3	0	3	17	0	17	20	0	20
Poultry Management	1. Care and Management of heifers. 2. Poultry farming	1	5	1	6	2	12	14	7	13	20
Piggery Management					0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition Management	1. Balance ration mixer for milch animals	1	17	1	18	2	0	2	19	1	20
Disease Management	1. Cause and Prevention of Tympony in animals 2. Cause and Prevention of Mestitis in animals. 3. Ecto and Endo Paracite control in animals	3	54	0	54	6	0	6	60	0	60
Feed & fodder technology	1. Round the year fodder production. 2. Green fodder production technique in Rabi season	2	26	14	40	0	0	0	26	14	40

Production of quality animal products					0			0	0	0	0
Others					0			0	0	0	0
Total		**8**	**105**	**16**	**121**	**27**	**12**	**39**	**132**	**28**	**160**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening					0			0	0	0	0
Design and development of low/minimum cost diet					0			0	0	0	0
Designing and development for high nutrient efficiency diet					0			0	0	0	0
Minimization of nutrient loss in processing					0			0	0	0	0
Processing and cooking					0			0	0	0	0
Gender mainstreaming through SHGs					0			0	0	0	0
Storage loss minimization techniques					0			0	0	0	0
Value addition					0			0	0	0	0
Women empowerment					0			0	0	0	0
Location specific drudgery reduction technologies					0			0	0	0	0
Rural Crafts					0			0	0	0	0
Women and child care					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VI Agril. Engineering											
Farm Machinary and its maintenance					0			0	0	0	0
Installation and maintenance of micro irrigation systems					0			0	0	0	0
Use of Plastics in farming practices					0			0	0	0	0
Production of small tools and implements					0			0	0	0	0
Repair and maintenance of farm machinery and implements					0			0	0	0	0
Small scale processing and value addition					0			0	0	0	0
Post Harvest Technology					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection											

Integrated Pest Management	1. Biological Management of termite in wheat. 2. IPM in cucurbitacae. 3. IPM in vegetables. 4. IPM in mango. 5. Nematode management in vegetables. 6. Biological control of termite and white grub in Sugarcane. 7. Insect and Disease management in Sugarcane. 8. IPM in Paddy. 9. IPM in Potato and Pea. 10. Biological control of termite and white grub inpopular. 11. IPM in wheat. 12. Aphid and white rust control in mustard & Rapeseed. 13. Important insects and pest management in vegetables	13	214	19	233	24	3	27	238	22	260
Integrated Disease Management		0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases		0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides					0			0	0	0	0
Others					0			0	0	0	0
Total		**13**	**214**	**19**	**233**	**24**	**3**	**27**	**238**	**22**	**260**
VIII Fisheries											
Integrated fish farming					0			0	0	0	0
Carp breeding and hatchery management					0			0	0	0	0
Carp fry and fingerling rearing					0			0	0	0	0
Composite fish culture					0			0	0	0	0
Hatchery management and culture of freshwater prawn					0			0	0	0	0
Breeding and culture of ornamental fishes					0			0	0	0	0
Portable plastic carp hatchery					0			0	0	0	0
Pen culture of fish and prawn					0			0	0	0	0
Shrimp farming					0			0	0	0	0
Edible oyster farming					0			0	0	0	0
Pearl culture					0			0	0	0	0
Fish processing and value addition					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site											
Seed Production					0			0	0	0	0
Planting material production					0			0	0	0	0
Bio-agents production					0			0	0	0	0
Bio-pesticides production					0			0	0	0	0

Bio-fertilizer production					0			0	0	0	0
Vermi-compost production					0			0	0	0	0
Organic manures production					0			0	0	0	0
Production of fry and fingerlings					0			0	0	0	0
Production of Bee-colonies and wax sheets					0			0	0	0	0
Small tools and implements					0			0	0	0	0
Production of livestock feed and fodder					0			0	0	0	0
Production of Fish feed					0			0	0	0	0
Mushroom Production					0			0	0	0	0
Apiculture					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics											
Leadership development					0			0	0	0	0
Group dynamics					0			0	0	0	0
Formation and Management of SHGs					0			0	0	0	0
Mobilization of social capital					0			0	0	0	0
Entrepreneurial development of farmers/youths					0			0	0	0	0
WTO and IPR issues					0			0	0	0	0
Others					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry											
Production technologies					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Farming Systems					0			0	0	0	0
Plant Breeding	1. Improved varieties of Mentha and their production technique. 2. Improved varieties of paddy and their production technique. 3. Improved varieties of Urd bean and their production technique. 4. Sucker production techniques of Mentha. 5. Improved varieties of Rapeseed & Mustard and their production technique. 6. Improved varieties of Sugarcane and their production technique. 7. Improved varieties of timely sown wheat and their production technique. 8. Improved varieties of late sown wheat and their production technique	8	91	27	118	43	0	43	134	27	161
Total		**8**	**91**	**27**	**118**	**43**	**0**	**43**	**134**	**27**	**161**
GRAND TOTAL		**46**	**685**	**78**	**763**	**133**	**25**	**137**	**818**	**103**	**921**

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

Thematic Area	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	T	M	F	Total	Male	Female	Total
I Crop Production											
Weed Management	1. Weed management in Sugarcane	1	12	0	12	8	0	8	20	0	20
Resource Conservation Technologies		0	0	0	0	0	0	0	0	0	0
Cropping Systems	1. Intercropping of mentha with Sugarcane	1	5	4	9	5	6	11	10	10	20
Crop Diversification		0	0	0	0	0	0	0	0	0	0
Integrated Farming		0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation		0	0	0	0	0	0	0	0	0	0
Seed production		0	0	0	0	0	0	0	0	0	0
Nursery management		0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1. Improved agronomic techniques of planted & ratoon sugarcane production 2. Management of crops residue and summer plough. 3. Intercropping of Sugarcane with Mustard and improved agronomic practices of Rabi crops. 4. Integrated Crop management in Urd bean 5. Paddy crop management and management practices in dry conditions 6. Weed management in paddy crop 7.ICM in rabi oilseed crops 8. Agronomic practices of rabi pulses 9. Improved techniques of fodder crops production 10. INM in wheat 11. Production technique of wheat crop	11	151	30	181	35	4	18	186	34	220
Soil & water conservatioin		0	0	0	0	0	0	0	0	0	0
Integrated nutrient management		0	0	0	0	0	0	0	0	0	0
Production of organic inputs		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**13**	**168**	**34**	**202**	**48**	**10**	**37**	**216**	**44**	**260**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops		0	0	0	0	0	0	0	0	0	0
Off-season vegetables		0	0	0	0	0	0	0	0	0	0
Nursery raising		0	0	0	0	0	0	0	0	0	0
Exotic vegetables		0	0	0	0	0	0	0	0	0	0
Export potential vegetables		0	0	0	0	0	0	0	0	0	0
Grading and standardization		0	0	0	0	0	0	0	0	0	0
Protective cultivation		0	0	0	0	0	0	0	0	0	0

Others		0	0	0	0	0	0	0	0	0	0
Total (a)		0	0	0	0	0	0	0	0	0	0
b) Fruits											
Training and Pruning		0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards		0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit		0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards		0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards		0	0	0	0	0	0	0	0	0	0
Export potential fruits		0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards		0	0	0	0	0	0	0	0	0	0
Plant propagation techniques		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total (b)		0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants											
Nursery Management		0	0	0	0	0	0	0	0	0	0
Management of potted plants		0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants		0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total (c)		0	0	0	0	0	0	0	0	0	0
d) Plantation crops											
Production and Management technology		0	0	0	0	0	0	0	0	0	0
Processing and value addition		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops											
Production and Management technology		0	0	0	0	0	0	0	0	0	0
Processing and value addition		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology		0	0	0	0	0	0	0	0	0	0
Processing and value addition		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total (f)		0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants											
Nursery management		0	0	0	0	0	0	0	0	0	0
Production and management		0	0	0	0	0	0	0	0	0	0

technology											
Post harvest technology and value addition		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III Soil Health and Fertility Mangmt.											
Soil fertility management	1. Importance of soil testing in crop production regarding balance fertilizer 2. Importance & method of soil and water conservation 3. Management of mannures and fertilizers to improve the soil fertility. 4. Importance of green mannure in soil health improvement 5. Importance of green mannure in soil health improvement	5	95	0	95	5	0	5	100	0	100
Integrated water management		0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	1. Effect of water soluble fertilizers on paddy crop 2. Effect of water soluble fertilizers in oilseeds and pulses 3. INM in oilseeds and pulses	3	47	0	47	13	0	13	60	0	60
Production and use of organic inputs	1. Role and importance of bio fertilizers and water management in crop production 2. Importance and uses of Bio fertilisers in oilseeds and pulses.	2	24	9	33	7	0	7	31	9	40
Management of Problematic soils		0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops		0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	1. Water & fertilizer management and how to reduce the nitrogen loss in paddy	1	16	0	16	4	0	4	20	0	20
Balance use of fertilizers	1. Role & Importance of macro and micro Nutrient management in vegetable crops	1	7	0	7	13	0	13	20	0	20
Soil and Water Testing		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**12**	**189**	**9**	**198**	**42**	**0**	**42**	**231**	**9**	**240**
IV Livestock Production and Mangmt.											
Dairy Management	1. Different methods of milking for higher milk production	1	3	0	3	17	0	17	20	0	20
Poultry Management	1. Care and Management of heifers 2. Poultry farming	2	12	1	13	10	17	27	22	18	40
Piggery Management		0	0	0	0	0	0	0	0	0	0
Rabbit Management		0	0	0	0	0	0	0	0	0	0

Animal Nutrition Management	1. Importance of Mineral Mixture in health and production of animals. 2. Importance of balance ration in animals. 3. Balance ration mixer for milch animals	3	32	15	47	12	1	13	44	16	60
Disease Management	1. Control of BQ&HS in animals: Its causes & prevention 2. Foot and mouth disease of cattle: Its symptoms and control 3.Cause and Prevention of Tympony in animals 4.Cause and Prevention of Mestitis in animals 5. Ecto and Endo Paracite control in animals	5	77	1	78	22	0	22	99	1	100
Feed & fodder technology	1. Round the year fodder production 2. Green fodder production technique in Rabi season	2	26	14	40	0	0	0	26	14	40
Production of quality animal products		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**13**	**150**	**31**	**181**	**61**	**18**	**79**	**211**	**49**	**260**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening		0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet		0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet		0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing		0	0	0	0	0	0	0	0	0	0
Processing and cooking		0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs		0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques		0	0	0	0	0	0	0	0	0	0
Value addition		0	0	0	0	0	0	0	0	0	0
Women empowerment		0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies		0	0	0	0	0	0	0	0	0	0
Rural Crafts		0	0	0	0	0	0	0	0	0	0
Women and child care		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VI Agril. Engineering											
Farm Machinary and its maintenance		0	0	0	0	0	0	0	0	0	0

Installation and maintenance of micro irrigation systems		0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices		0	0	0	0	0	0	0	0	0	0
Production of small tools and implements		0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements		0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition		0	0	0	0	0	0	0	0	0	0
Post Harvest Technology		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection											
Integrated Pest Management	1. Insect and Disease management in Rabi crops 2. Insect and Disease management in cucurbits 3. insect and disease control in legume crops 4. Insect and Disease management in Kharif crops 5. IPM in Mango 6. Biological Management of termite in wheat 7. IPM in cucurbitacae 8. IPM in vegetables 9. IPM in mango 10 Nematode management in vegetables 11. Biological control of termite and white grub inSugarcane 12. Insect and Disease management in Sugarcane 13. IPM in Paddy 14. IPM in Potato and Pea 15. Biological control of termite and white grub inpopular 16. IPM in wheat 17. Aphid and white rust control in mustard & Rapeseed 18. important insects and pest management in vegetables	18	286	22	308	49	3	52	335	25	360
Integrated Disease Management		0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases		0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**18**	**286**	**22**	**308**	**49**	**3**	**52**	**335**	**25**	**360**
VIII Fisheries											
Integrated fish farming		0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management		0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing		0	0	0	0	0	0	0	0	0	0

Composite fish culture		0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn		0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes		0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery		0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn		0	0	0	0	0	0	0	0	0	0
Shrimp farming		0	0	0	0	0	0	0	0	0	0
Edible oyster farming		0	0	0	0	0	0	0	0	0	0
Pearl culture		0	0	0	0	0	0	0	0	0	0
Fish processing and value addition		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site											
Seed Production		0	0	0	0	0	0	0	0	0	0
Planting material production		0	0	0	0	0	0	0	0	0	0
Bio-agents production		0	0	0	0	0	0	0	0	0	0
Bio-pesticides production		0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production		0	0	0	0	0	0	0	0	0	0
Vermi-compost production		0	0	0	0	0	0	0	0	0	0
Organic manures production		0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings		0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets		0	0	0	0	0	0	0	0	0	0
Small tools and implements		0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder		0	0	0	0	0	0	0	0	0	0
Production of Fish feed		0	0	0	0	0	0	0	0	0	0
Mushroom Production		0	0	0	0	0	0	0	0	0	0
Apiculture		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics											
Leadership development		0	0	0	0	0	0	0	0	0	0
Group dynamics		0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs		0	0	0	0	0	0	0	0	0	0
Mobilization of social capital		0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths		0	0	0	0	0	0	0	0	0	0

WTO and IPR issues		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry											
Production technologies		0	0	0	0	0	0	0	0	0	0
Nursery management		0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems		0	0	0	0	0	0	0	0	0	0
Plant Breeding	1. Improved verities of mentha and their production techniques 2. Improved verities of maize and their production techniques 3. Improved verities of paddy and their production techniques. 4. Qualities of new varieties of sugarcane, rapeseed & mustard and their production techniques. 5. Improved varieties of Rabi crops (wheat, field pea, lentil and oat) and their production techniques. 6. Improved varieties of Mentha and their production technique 7. Improved varieties of paddy and their production technique 8. Improved varieties of Urd bean and their production technique 9. Sucker production techniques of Mentha. 10. Improved varieties of Rapeseed & Mustard and their production technique. 11. Improved varieties of Sugarcane and their production technique 12. Improved varieties of timely sown wheat and their production technique 13. Improved varieties of late sown wheat and their production technique	13	167	35	202	59	0	59	226	35	261
Total		**13**	**167**	**35**	**202**	**59**	**0**	**59**	**226**	**35**	**261**
GRAND TOTAL		**69**	**960**	**131**	**1091**	**259**	**31**	**269**	**1219**	**162**	**1381**

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

Thematic area	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			M	F	Total	M	F	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 (Off campus)

Area of Training	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	Total	M	F	Total	Male	Female	Total
Crop production and management											
Commercial floriculture		0			0			0	0	0	0
Commercial fruit production					0			0	0	0	0
Commercial vegetable production					0			0	0	0	0
Integrated crop management					0			0	0	0	0
Organic farming					0			0	0	0	0
Others	1. Round the year fodder production and its conservation	1	5	3	8		2	2	5	5	10
Total		1	5	3	8	0	2	2	5	5	10
Post harvest technology and value addition											
Value addition		0			0			0	0	0	0
Others					0			0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
Livestock and fisheries											
Dairy farming	1. Rearing of livestock and poultry	1	2	1	3	7	0	7	9	1	10
Composite fish culture					0			0	0	0	0
Sheep and goat rearing					0			0	0	0	0
Piggery					0			0	0	0	0
Poultry farming	1. Broiler production	1	10	0	10	0	0	0	10	0	10
Others					0			0	0	0	0
Total		2	12	1	13	7	0	7	19	1	20
Income generation activities											
Vermicomposting		0			0			0	0	0	0
Production of bio-agents, bio-pesticides,	1. Methods of Organic manure production and it's importance.	1	7	0	7	3	0	3	10	0	10
bio-fertilizers etc.					0			0	0	0	0
Repair and maintenance of farm machinery					0			0	0	0	0
and implements					0			0	0	0	0
Rural Crafts					0			0	0	0	0
Seed production					0			0	0	0	0
Sericulture					0			0	0	0	0
Mushroom cultivation	1. Mushroom production 2. Mushroom production	2	14	0	14	6	0	6	20	0	20
Nursery, grafting etc.					0			0	0	0	0
Tailoring, stitching, embroidery, dying etc.					0			0	0	0	0
Agril. para-workers, para-vet training					0			0	0	0	0
Others					0			0	0	0	0
Total		3	21	0	21	9	0	9	30	0	30
Agricultural Extension											
Capacity building and group dynamics		0			0			0	0	0	0
Others (Genetics & Plant Breeding)	1. Seed Production of Rabi crops	1	10	0	10	0	0	0	10	0	10
Total		1	10	0	10	0	0	0	10	0	10
Grand Total		**7**	**48**	**4**	**52**	**16**	**2**	**18**	**64**	**6**	**70**

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

Area of Training	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	Total	M	F	Total	Male	Female	Total
Crop production and management											
Commercial floriculture		0			0			0	0	0	0
Commercial fruit production					0			0	0	0	0
Commercial vegetable production					0			0	0	0	0
Integrated crop management					0			0	0	0	0
Organic farming					0			0	0	0	0
Others	1. Round the year fodder production and its conservation	1	5	3	8		2	2	5	5	10
Total		1	5	3	8	0	2	2	5	5	10
Post harvest technology and value addition											
Value addition		0			0			0	0	0	0
Others					0			0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
Livestock and fisheries											
Dairy farming	1. Rearing of livestock and poultry	1	2	1	3	7	0	7	9	1	10
Composite fish culture					0			0	0	0	0
Sheep and goat rearing					0			0	0	0	0
Piggery					0			0	0	0	0
Poultry farming	1. Broiler production	1	10	0	10	0	0	0	10	0	10
Others					0			0	0	0	0
Total		2	12	1	13	7	0	7	19	1	20
Income generation activities											
Vermicomposting		0			0			0	0	0	0
Production of bio-agents, bio-pesticides,	1. Methods of Organic manure production and it's importance.	1	7	0	7	3	0	3	10	0	10
bio-fertilizers etc.					0			0	0	0	0
Repair and maintenance of farm machinery					0			0	0	0	0
and implements					0			0	0	0	0
Rural Crafts					0			0	0	0	0
Seed production					0			0	0	0	0
Sericulture					0			0	0	0	0
Mushroom cultivation	1. Mushroom production 2. Mushroom production	2	14	0	14	6	0	6	20	0	20
Nursery, grafting etc.					0			0	0	0	0
Tailoring, stitching, embroidery, dying etc.					0			0	0	0	0
Agril. para-workers, para-vet training					0			0	0	0	0
Others					0			0	0	0	0
Total		3	21	0	21	9	0	9	30	0	30
Agricultural Extension											
Capacity building and group dynamics		0			0			0	0	0	0
Others (Genetics & Plant Breeding)	1. Seed Production of Rabi crops	1	10	0	10	0	0	0	10	0	10
Total		1	10	0	10	0	0	0	10	0	10
Grand Total		7	48	4	52	16	2	18	64	6	70

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	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)

Thematic area	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	Total	M	F	Total	M	F	Total
Productivity enhancement in field crops	1. Improved agronomic practices of Sugarcane crop 2. ICM in Paddy 3. ICM in Sugarcane 4. Importance and uses of millets	4	171	100	271	9	0	9	180	100	280
Integrated Pest Management	1. Chemical free crop protection methods 2. Use of Bio pesticides in organic farming 3. IPM in Sugarcane 4. IPM in Paddy 5. Insect And pest management in vegetables 6. IPM in vetable crops 7. IPM in vetable crops	7	74	0	74	11	0	11	85	0	85
Integrated Nutrient management	1. Importance of soil testing in crop production 2. Effect of water soluble fertilizers on rice crop 3. Fertilizer and irrigation management in wheat	3	32	11	43	4	3	7	36	14	50
Rejuvenation of old orchards		0	0	0	0	0	0	0	0	0	0
Protected cultivation technology		0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs		0	0	0	0	0	0	0	0	0	0

Care & maintenance of farm machinery & implements		0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs		0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs		0	0	0	0	0	0	0	0	0	0
Women and Child care		0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing		0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization		0	0	0	0	0	0	0	0	0	0
Information networking among farmers		0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application		0	0	0	0	0	0	0	0	0	0
Management in farm animals	1. Calf management 2. Cause and Prevention of Prolapse 3	2	19	0	19	6	0	6	25	0	25
Livestock feed and fodder production	1. Green fodder Production and its storage 2. Role of balance ration in dairy animals	2	14	0	14	6	0	6	20	0	20
Household food security		0	0	0	0	0	0	0	0	0	0
Plant Breeding	1. Varietal description of Urd bean 2. Varietal description of paddy 3. Varietal description of Urd bean 4. Varietal description of Moong Bean 5. Varietal description of Rapeseed 6. Varietal description of Mustard 7.Varietal description of Sugarcane 8. .Varietal description of wheat under timely sown condition 9.Varietal description of wheat under late sown condition 10. Varietal description of lentil.	10	129	0	129	11	0	11	140	0	140
TOTAL		**28**	**439**	**111**	**550**	**47**	**3**	**50**	**486**	**114**	**600**

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

Thematic area	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			M	F	Total	M	F	Total	M	F	Total
Productivity enhancement in field crops	1. Improved agronomic practices of Sugarcane crop 2. ICM in Paddy 3. ICM in Sugarcane 4. Importance and uses of millets	4	171	100	271	9	0	9	180	100	280
Integrated Pest Management	1. Chemical free crop protection methods 2. Use of Bio pesticides in organic farming 3. IPM in Sugarcane 4. IPM in Paddy 5. Insect And pest management in vegetables 6. IPM in vetable crops 7. IPM in vetable crops	7	74	0	74	11	0	11	85	0	85
Integrated Nutrient management	1. Importance of soil testing in crop production 2. Effect of water soluble fertilizers on rice crop 3. Fertilizer and irrigation management in wheat	3	32	11	43	4	3	7	36	14	50
Rejuvenation of old orchards		0	0	0	0	0	0	0	0	0	0
Protected cultivation technology		0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs		0	0	0	0	0	0	0	0	0	0
Care & maintenance of farm machinery & implements		0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs		0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs		0	0	0	0	0	0	0	0	0	0
Women and Child care		0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing		0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization		0	0	0	0	0	0	0	0	0	0
Information networking among farmers		0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application		0	0	0	0	0	0	0	0	0	0
Management in farm animals	1. Calf management 2. Cause and Prevention of Prolapse 3	2	19	0	19	6	0	6	25	0	25
Livestock feed and fodder production	1. Green fodder Production and its storage 2. Role of balance ration in dairy animals	2	14	0	14	6	0	6	20	0	20
Household food security		0	0	0	0	0	0	0	0	0	0

Plant Breeding	1. Varietal description of Urd bean 2. Varietal description of paddy 3. Varietal description of Urd bean 4. Varietal description of Moong Bean 5. Varietal description of Rapeseed 6. Varietal description of Mustard 7.Varietal description of Sugarcane 8. .Varietal description of wheat under timely sown condition 9.Varietal description of wheat under late sown condition 10. Varietal description of lentil.	10	129	0	129	11	0	11	140	0	140
TOTAL		**28**	**439**	**111**	**550**	**47**	**3**	**50**	**486**	**114**	**600**

Table. Sponsored training programmes

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	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											

VII. 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	27	2030	54	2084
Film Show	08	216	-	216
Self -help groups	-	-	-	
Kisan Mela	5	997	30	1027
Exhibition	-	-	-	
Scientists' visit to farmers field	276	3529	44	3573
Plant/animal health camps	35	35	-	35
Farm Science Club	-	-	-	
Ex-trainees Sammelan	-	-	-	
Farmers' seminar/workshop	02	72		72
Method Demonstrations	-	-	-	
Celebration of important days	10	649	28	677
Special day celebration	01	157	4	157
Exposure visits	-	-	-	
Others (pl. specify)	15	Mass	Mass	Mass
Total	**421**	**9354**	**185**	**9535**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	11
News paper coverage	22
Popular articles	13
Radio Talks	04
TV Talks	0
Animal health camps (Number of animals treated)	35
Others (pl. specify)	0
Total	**85**

Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	45	20	-	02	49	-	116
	Voice only	39	12	-	02	13	-	66
	Voice & Text both	27	15	-	02	16	-	60
	Total Messages	111	47	-	06	51	-	215
	Total farmers Benefitted	**3204**	**517**	**-**	**125**	**2120**	**-**	**5966**

VIII. 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			

IX. 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	Paddy	Pant Dhan -26	-	184.80	376992.00	-
	Wheat	DBW-222	-	241.00	512125.00	
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						

Total						

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	Bottle Guard		Haruna	400	-	200
	Pumpkin		Pumpkin Mohan	400	-	200
	Cucumber		-	400	-	200
	Sponge Guard		-	400	-	200
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				

X. 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	**55**	**55**	**12**	**-**

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Thakurdwara, Moradabad-II	01	15.11.2022

XII. NEWSLETTER/MAGAZINE

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

XIII. PUBLICATIONS

Category	Number
Books	-
Technical bulletins	-
Research Paper	1
Lead Papers	1
Book Chapters	-
Popular Articles	12
Newsletters	1
Technical reports	-
Others (pl. specify)	

XIV. 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.)**

XV. 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**
Livestock Disease Management	09	80
Total	**09**	**80**

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												

XVI. 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 ATARI

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

KVK Case study

XIX Achievement of Special programmes

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

S. No.	Sub Sector*	QP Name *	Duration (hrs)	No. of Courses Organized	No. of Participants						
					SCs/STs		Others		Total		TOTAL
					Male	Female	Male	Female	Male	Female	
1	Agriculture Crop Production	Jute and Mesta Cultivator	200								
2	Agriculture Crop Production	Vineyard Grower	200								
3	Agriculture Crop Production	Vineyard Worker	200								
4	Agriculture Crop Production	Makhana Grower cum Processor	200								
5	Agriculture Crop Production	Temperate Fruit Grower (Options: Apple / Pear, Peach and Plum / Kiwi)	200								
6	Agriculture Crop Production	Orchard Worker (Options: Trainer-Pruner / Machine Operator – Landscape)	200								
7	Agriculture Crop Production	Vegetable Grower	200								
8	Agriculture Crop Production	Spice Crop Cultivator (Electives: Herbal Spices/Seed Spices/Tree Spices/Rhizomatous Spices/Oil Yielding Spices/Pod (Cardamom) Spices)	200								
9	Agriculture Crop Production	Nursery Worker	200								
10	Agriculture Crop Production	Essential Oil Extractor	200								
11	Agriculture Crop Production	Power Tiller Operator	200								
12	Agriculture Crop Production	Farm Worker	200								
13	Animal Husbandry	Goat Farmer	200								
14	Animal Husbandry	Piggery Farmer (Electives: Fattening/ Breeding)	200								
15	Fisheries	Coldwater Aquaculture Farmer	200								
16	Fisheries	Seaweed Cultivator	200								
17	Forestry, Environment and Renewable Energy Management	Timber Grower	200								
18	Forestry, Environment and Renewable Energy Management	Lac Cultivator	200								
19	Agriculture Industries	Ripening Chamber Operator	200								
20	Agriculture Industries	Group Farming Practitioner	200								

21	Agriculture Industries	Agri Commodity Fumigation Operator	200								
22	Agriculture Industries	Plant Tissue Culture Technician	200								
23	Agriculture Crop Production	Flower Handler-Packaging & Palletising	212								
24	Agriculture Crop Production	Tropical/Subtropical Fruit Grower	220								
25	Agriculture Crop Production	Florist	220								
26	Agriculture Crop Production	Service and Maintenance Technician-Farm Machinery	220								
27	Fisheries	Cage Culture Fish Farmer	230								
28	Agriculture Crop Production	Pesticide & Fertilizer Applicator	232								
29	Agriculture Crop Production	Operator-Reaper, Thresher and Crop Residue Machinery	236								
30	Animal Husbandry	Stud Farm Worker	240								
31	Animal Husbandry	Companion Animal Groomer	244								
		TOTAL									

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

a) CRM Machinery status of the CRM KVKs

Name of machine	Name of machine procured	No. of demo conducted	Area covered (ha)	No. of farmers covered	Result					
					Demo yield (q/ha)	Check yield (q/ha)	Increase in yield %	Cost of cultivation (Rs/ha)	Net return (demo plot)	B:C ratio
Happy Seeder										
Reversible M.B. Plough										
Paddy Straw Chopper/ Shradder / Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

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) Activities performed under NARI programme

Table-7.1: 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-7.2: 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				

8) 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					

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

9) Achievements under NICRA Project

10) 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						

11) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production			Category of seed	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)	(F/S, C/S)	
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						
	Lentil						
Total (Rabi)							
Summer	Black gram						

Total (Summer)							
Grand Total							

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons paticipated
1	Toilet maintenance	-	-
2	Road, drain cleaning	-	-
3	Garbage disposal	-	-
4	Door to door awareness	-	-
5	Awareness campaign	11	173
6	Nookkad Drama	-	-
7	School Drama	-	-
8	School rally	-	-
9	Writing paining slogans	-	-
10	Composting	-	-
11	Other	-	-
12			
13			

13) 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 husbandry & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

14) 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----------