

**PROFORMA FOR PREPARATION OF
ANNUAL REPORT FOR KVK**

Period of Report: January 2023 to December 2023

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	70	1176	269	1445
Rural youths	2	10	15	25
Extension functionaries	15	221	168	389
Sponsored Training	1	25	3	28
Vocational Training	0	0	0	0
Total	88	1432	455	1887

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	97	40.00	97
Pulses	59	20.00	59
Cereals	44	18.00	44
Vegetables	42	6.80	42
Other crops			
Hybrid crops			
Total	242	84.80	242
Livestock & Fisheries			
Other enterprises	100	10.00	100
Total	100	10.00	100
Grand Total	342	94.80	342

3. Technology Assessment & Refinement

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	08	33	33
Livestock			
Various enterprises	04	20	20
Total			
Technology Refined		53	53
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	12	53	53

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	952	14213
Other extension activities	85	Mass
Total	1037	14213+Mass

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
KVK SHAMLI	Text only	13092	--	--	--	13092	--	13092
	Voice only	1749	--	--	--	1749	--	1749
	Voice & Text both		--	--	--		--	
	Total Messages	14841	--	--	--	14841	--	14841
	Total farmers Benefitted	14841	--	--	--	14841	--	14841

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	278.60	564400.00
Planting material (No.)	22254	8252.00
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

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

8. HRD and Publications

Sr. No.	Category	Number	No. of participants
1	Workshops	15	310
2	Conferences	04	3197
3	Meetings	38	1792
4	Trainings for KVK officials	06	180
5	Visits of KVK officials	62	247
6	Book published		
7	Training Manual	01	03
8	Book chapters		
9	Research papers	--	
10	Lead papers	--	
11	Seminar papers	--	
12	Extension folder	05	136
13	Proceedings	02	97
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
KRISHI VIGYAN KENDRA, SHAMLI, DISTT. -SHAMLI (U.P.)	Office	FAX	kvkshamli@gmail.com
	9410484705		

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

Address	Telephone		E mail
	Office	FAX	
<i>DIRECTORATE OF EXTENSION</i> Sardar Vallabhbhai Patel University of Agriculture & Technolog, Meerut.	0121- 2888511	0121-2888505 2888540	deesvpuat2014@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sandeep Chaudhary	9412311502	9412311502	kvkshamli@gmail.com

1.4. Year of sanction: 2018

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

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/OBC/Others)	Mobile no.	Age	Email id
1	Programme Coordinator											
2	Subject Matter Specialist	Dr. Sandeep Chaudhary	Prof./ OIC	Agro.	37400-67000	188200	01.01.1996	Permanent	General	9412311502	55	kvkshamli@gmail.com
3	Subject Matter Specialist	Dr. Omkar Singh	AD	Horti.	37400-67000	156900	17.12.2003	Permanent	SC	9410484705	45	Dromkarsingh1977@gmail.com
4	Subject Matter Specialist	Dr. S.P. Allaie	SMS	Engg.	15600-39100	57800	06.07.2022	Permanent	General	9149774325	30	saqibparaze@gmail.com
5	Subject Matter Specialist	Dr. Ajay Kumar	SMS	P.P.	15600-39100	57800	06.07.2022	Permanent	OBC	9799864546	32	Akentoskrau@gamil.com
6	Subject Matter Specialist	Smt. Kamyia Singh	SMS	H.Sc.	15600-39100	57800	13.07.2022	Permanent	General	9161727112	32	Kamyarajeev1922@gmail.com
7	Subject Matter Specialist											
8	Programme Assistant	Dr. Ashish Tyagi	Prog. Assistant	P.P.	9300-34800	55200	22.07.2008	Permanent	General	9837474493	45	green.ashishtyagi@gmail.com
9	Computer Programmer											
10	Farm Manager											
11	Accountant / Superintendent											
12	Stenographer	Sh. Chandra Shekhar Sharma	Clerk	Clerk	5200-20200	45400	01.07.1998	Permanent	General	9760995757	55	Cshaker570@gmail.com
13	Driver	Sh. Subhash Chand	Driver	Driver	5200-20200	34300	01.03.2008	Permanent	OBC	9719818397	47	kvkshamli@gmail.com
14	Driver											
15	Supporting staff	Sh. Satish Kumar	Messenger	IV Class	5200-20200	38600	01.07.1998	Permanent	General	7310696779	52	kvkshamli@gmail.com
16	Supporting staff	Smt. Neelam Sharma	Attendant	IV Class	5200-20200	21500	18.03.2017	Permanent	General	9634732578	44	kvkshamli@gmail.com

1.6. Total land with KVK (in ha) : 8.55

S. No.	Item	Area (ha)
1	Under Buildings	0.80
2.	Under Demonstration Units	1.00
3.	Under Crops	5.00
4.	Orchard/Agro-forestry	--
5.	Others (specify)	1.75

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	March 22		1.34 Crore	April 22		Complete
2.	Farmers Hostel	Nil	--					
3.	Staff Quarters (6)	Nil	--					
4.	Demonstration Units (2)	Nil	--					
5	Fencing							
6	Rain Water harvesting system	ICAR	31.03.08	1000 mtr.	19.21 Lac	April 08	1000 mtr.	Incomplete
7	Threshing floor	--	--					
8	Farm godown	ICAR	31.03.08	300 Sqm.	2.33 Lac	April 08	300 Sqm.	Complete
		Nil	--					

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep Bolero	2022	743150.00	16478	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
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1.8. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
	21.11.22	1. Dr. P.K. Singh, Director Extension 2. Dr. P.K. Singh, Professor Agro. 3. Dr. Hariom Katiyar, Asso. Prof. Horti 4. Sh. Pradeep Kr. Yadav, D.A.O. 5. Dr. Saud Hasan, C.V.O. 6. Sh. Prem Narayan Shukla, S.C.D.I. 7. Sh. Amit Kumar, P.P.O. 8. Sh. Sachin Kumar, Rep. D.H.O. 9. Sh. Satish Kumar, IFFCO 10. Sh. Taraspal Singh Prog. Farmer 11. Smt. Suman Saini, Krishi Sakhi 12. Smt. Shiksha, Prog.Farmer, Women 13. Smt. Shakuntla, Prog Farmer Women 14. Dr. Omkar Singh, OIC KVK and all staff	1. 100% target of training programme to be achieved in the year. 2. Complete the sale target of vegetable seedlings. 3. Training for establishment of Poshan Vatika on Aanganvadi Centre. 4. To create awareness among farmers about millets. 5. Crop residue management in	1. Target of training programme has been achieved. 2. Sales target of vegetable seedling has been completed. 3. Relevant Training prog. have been Organized.

		of KVK	sugarcane through field demonstration. 6. Appointment of Scientist for Animal Science at KVK	4. Training progs. being conducted to create millet awareness among farmers. 5. Field demonstrations and training programs on CRM are being conducted. 6. Decision pending at University level

Note : This yellow mark may be treated as an example

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

2. DETAILS OF DISTRICT (31st December, 2023)

2.1 Major farming systems/enterprises (based on the PRA done by the KVK)

S. No	Farming system/enterprise
1	➤ S. Cane based + A.H+ Horticulture + Wheat and Paddy
2	➤ S. Cane based + A.H+ Horticulture + Fodder Crop + Wheat/Mustard & Paddy
3	➤ S. Cane based + A.H + Vegetable + Floriculture + Mustard
4	➤ S. Cane based + A.H + Horticulture + Urd/Moong

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	AES-1		More than 85% Area, Sandy Loam Soil
2	AES-2		More than 95% irrigated, Loam
3	AES-3		More than 95%, Sandy Loam
4	AES-4		Low Water table area, Loam & Sandy Loam soil
5	AES-4		Low Water table area, Loam & Sandy Loam soil

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Sandy	2 - 0.2 mm,	11567
2.	Sandy Loam	0.2 - 0.02 mm,	56339
3.	Loam	0.02 - 0.002 mm	22323
4.	Clay Loam	>than 0.002 mm	16071

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

S. No	Crops	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Sugarcane	61358	62217012	1014.00
2.	Wheat	49142	2027108	41.25
3.	Paddy	8200	325540	39.70
4.	Urd	350	2905	8.30
5.	Lentil	89	614.1	6.90
6.	Gram	60	579	9.65
7.	Pea	170	2136.9	12.57
8.	Mustard	951	9376.86	9.86
9.	Potato	96	22080	230.00

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
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2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>			
<i>Indigenous</i>			
Buffalo	304719		5.90
Sheep			
<i>Crossbred</i>			
<i>Indigenous</i>	3882		
Goats	28049		0.780
Pigs			
<i>Crossbred</i>	10171		40-50 Kg. per pig
<i>Indigenous</i>			
Rabbits			
Poultry			
Hens	350000		90%
<i>Desi</i>			
<i>Improved</i>			
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish			
<i>Marine</i>			
<i>Inland</i>			
Prawn			
Scampi			
Shrimp			

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

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Shamli	Kairana	Titoili	Sugarcane	Low yield due to imbalance fertilizer	Balance use of fertilizer
				Wheat	Low yield due to high infestation of weeds	Weed management

				Sugarcane	High infestation of insect-pest & disease	Insect & disease mgt. through IPM
				Mango	Poor yield due to no use of micronutrients	Fertilizer management
2.	Shamli	Shamli	Jalalpur	Sugarcane	High infestation of insect-pest & disease	Insect & disease mgt. through IPM
				Wheat	Low yield due to high infestation of weeds	Weed management
				Vegetables	Imbalance fertilizer application, Infestation of pest	Introduction of IPNM IPM
3.	Shamli	Kairana	Malendi	Sugarcane	Poor yield due to no use of organic matter	Promoting of organic manure
				Wheat	Low yield due to imbalance use of fertilizer	IPNM in Wheat
				Merigold	Use of local seed High infestation of disease	Introduction of HYV Disease mgt.
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
				Fodder Crops	Local4. Variety	Introduction of HYV
4.	Kairana	Kairana	Naglarai	Sugarcane	Low yield of Sugarcane	Introduction of HYV Balance fertilizer application IPNM & IPM
				Mango	Low yield of Mango	IPNM & IPM Rejuvenation of old orchard Introduction of regular bear variety
				Wheat	Low yield	Water management IPM, Weed mgt. Introduction of HYV
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
5.	Shamli	Shamli	Jasala	Sugarcane	Low yield of Sugarcane	Introduction of HYV Balance fertilizer application IPNM & IPM
				Mango	Low yield of Mango	IPNM & IPM Rejuvenation of old orchard Introduction of regular bear variety
				Wheat	Low yield	Water management IPM Weed mgt. Introduction of HYV
				Fodder Crops	Local Variety	Introduction of HYV
6.	Shamli	Shamli	Silawar	Sugarcane	Low yield of Sugarcane	Introduction of HYV Balance fertilizer application IPNM & IPM

Farmers	80	70	1600	1445	100	618	2000	15573
Rural youth	05	02	50	25				
Extn. Functionaries	15	15	300	389				
	100	88	1950	1887				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200 Qtl.	278.60 Qtl.	Supply to N.S.C.	20000	29800	306

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	Marigold	Pusa Arpita	03	03
	Bottle gourd	Pusa Santusti	03	03
	Cauliflower	Pusa Snowball-K25	05	05
	Wheat	DBW-303	03	03
Integrated Pest Management	Paddy	Pymetrozine 50 WG	10	10
	Sugarcane	Clothianidin 50 WDG	03	03
Integrated Crop Management				
Integrated Disease Management	Mustard	Thiamethoxam 25 WG	03	03
	Sugarcane	Copper-oxy-chloride 50 WG	03	03
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries	Wheat	Laser Land Leveller	06	06
	Paddy	Combine Harvester	10	10
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)	Multigrain Atta	Multigrain Atta	04	04
Total			53	53

Summary of technologies assessed under livestock by KVKs

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

Summary of technologies assessed under various enterprises by KVKs

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

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

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

PEST AND DISEASE MANAGEMENT

Problem definition: Low Productivity of Mustard due to high infestation of Aphid

Technology Assessed or Refined: Use of Thiamethoxam 25 WG

Technology Option	No. of Trials	Disease Incidence (%)	Yield (t/ha)	%Increase in Yield
T1 - Farmer Practice - No use of Chemical	3	31.33	1.26	
T2 - Use of Thiamethoxam 25 WG @ 250g/ha		6.67	1.49	18.25

Problem definition: Assessment of Fungicide for Management of Pokka Boeng in Sugarcane

Technology Assessed or Refined: Use of Copper Oxychloride 50 WP

Technology Option	No. of Trials	Disease Incidence (%)	Yield (t/ha)	%Increase in Yield
T1 - Farmer Practice - Use of Carbendazim 50 WP @ 1.25 KG/ha	3	39.67	8.8	
T2 - Use of Copper Oxychloride 50 WP @ 1Kg/ha		7.33	10.1	14.8

Problem definition: Assessment of Insecticide for Management of BPH in Paddy

Technology Assessed or Refined: Use of Pymetrozine 50WG

Technology Option	No. of Trials	Pest Incidence (%)	Yield (t/ha)	%Increase in Yield
T1 - Farmer Practice - Use of Buprofezin 25 SC @ 800ml/ha	10	23.3	4.36	
T2 - Use of Pymetrozine 50WG @ 300g/ha		7.5	5.02	15.18

Problem definition: Low Productivity of Sugarcane due to severe infestation of White grub

Technology Assessed or Refined: Use of Clothianidin 50 WDG

Technology Option	No. of Trials	Incidence (%)	Yield (t/ha)	%Increase in Yield
T1 - Farmer Practice – Chlorpyrifos 20 EC @ 2.5 L/ha	3			
T2 - Use of Clothianidin 50 WDG @ 250 gm/ha				Results Awaited

VARIETAL EVALUATION

Problem definition: Low productivity due to use of Local variety of marigold

Technology Assessed or Refined: High Yielding Variety of Marigold - Pusa Arpita

Technology Option	No. of Trials	Yield (t/ha)	Net Returns (Rs) la/ha	B:C Ratio
T1 - Farmer Practice - Use of Local Variety	3	13.94	0.95	1.82
T2 - Use of Pusa Arpita Variety			17.86	1.5
				2.26

Problem definition: Low productivity due to use of Local variety of Bottlegourd

Technology Assessed or Refined: High Yielding Variety of Bottlegourd - Pusa Santushthi

Technology Option	No. of Trials	Yield (t/ha)	Net Returns (Rs) la/ha	B:C Ratio
T1 - Farmer Practice - Use of Local Variety	3	13.87	0.949	1.83
T2 - Use of Pusa Santushthi Variety		16.55	1.282	2.14

Problem definition: Low productivity due to use of Local variety of Cauliflower

Technology Assessed or Refined: High Yielding Variety of Cauliflower - Pusa Snowball K 25

Technology Option	No. of Trials	Yield (t/ha)	Net Returns (Rs) la/ha	B:C Ratio
T1 - Farmer Practice - Use of Local Variety	5	Results Awaited		
T2 - Use of Pusa Snowball K 25 Variety				

Problem definition: Low productivity due to use of Local variety of Wheat

Technology Assessed or Refined: High Yielding Variety of Wheat - DBW 303

Technology Option	No. of Trials	Yield (t/ha)	Net Returns (Rs) la/ha	B:C Ratio
T1 - Farmer Practice - Use of Local Variety	3	Results Awaited		
T2 - Use of Variety DBW 303				

WOMEN AND CHILD CARE

Problem definition: Overweight in Farmers and Farm Women

Technology Assessed or Refined: Multigrain Atta

Technology Option	No. of Trials	Weight (kg)	BMI	%age weight loss
T1 - Farmer Practice - Single Grain Atta	4	67.3	27.8	
T2 - Use of Multigrain Atta		64.9	26.8	3.57

FARM MECHANIZATION

Problem definition: Inefficient irrigation and low yield in wheat

Technology Assessed or Refined: Laser Land Leveler

Technology Option	No. of Trials	Yield (q/ha)	Water use (m3/ha)	Water productivity (kg/m3)
T1 - Farmer Practice - Use of Traditional Levelling System	3	41.64	3683	1.15
T2 - Use of Laser Land Leveler		48.83	2971	1.62

Problem definition: Labor shortage and time consumption during paddy harvesting leading to high cost and low yield

Technology Assessed or Refined: Combine Harvester for Paddy harvesting

Technology Option	No. of Trials	Yield (q/ha)	Time (h)	Yield (q/demo area)
T1 - Farmers Practice	10	51.18	497.33	0.11
T2 - Combine Harvester		52.36	1.67	31.47

Problem definition: Inefficient irrigation and low yield in wheat

Technology Assessed or Refined: Laser Land Leveler

Technology Option	No. of Trials	Yield (q/ha)	Water use (m3/ha)	Water productivity (kg/m3)
T1 - Farmer Practice - Use of Traditional Levelling System	3	Results Awaited		
T2 - Use of Laser Land Leveler				

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2023-24 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Wheat	Mechanization	Wheat Sowing With Superseeder	FLD	3	5	2
2	Sugarcane	Mechanization	Interculture with Mini Tractor Rotavator	FLD	4	10	4
3	Wheat	Mechanization	Wheat Sowing With Superseeder	FLD	3	10	4
4	Vegetables	Nutritional Garden	Nutritional Garden	FLD	3	10	1
5	Vegetables	Nutritional Garden	Nutritional Garden	FLD	3	15	1.5
6	Vegetables	Nutritional Garden	Nutritional Garden	FLD	9	50	5
7	Onion	Varietal	High Yielding Variety	FLD	3	8	0.8
8	Okra	Varietal	High Yielding Variety	FLD	2	6	1
9	Onion	Varietal	High Yielding Variety	FLD	3	8	1
10	Cauliflower	Varietal	High Yielding Variety	FLD	5	20	4
11	Wheat	IDM	Management of Karnal Bunt(Tebuconazole 25.9 EC))	FLD	06	10	4
12	Scented Rice	IPM	Flubendiamide 39.35 SC	FLD	09	15	6
13	Wheat	Varietal	High Yielding Variety	FLD	4	19	8
14	Sugarcane	IPM	Fipronil 40 % + Imidacloprid 40%	FLD	09	15	6
15	Mustard	ICM	Varietal Demonstration	FLD	8	47	20
16	Blackgram	ICM	Varietal Demonstration	FLD	6	33	10
17	Mustard	ICM	Varietal evaluation	FLD	7	50	20
18	Greengram	ICM	Varietal Demonstration	FLD	4	26	10

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during Jan 2022 to December 2023

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

Sl. No.	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	Mechanization	Wheat Sowing With Superseeder	Rabi-2022	2	2	1	4	5	
	Sugarcane	Mechanization	Interculture with Mini Tractor Rotavator	Kharif-2023	4	4	3	7	10	
	Wheat	Mechanization	Wheat Sowing With Superseeder	Rabi 2023	4	4	2	8	10	
	Vegetables	Nutritional Garden	Nutritional Garden	Rabi 2022	1	1	0	10	10	
	Vegetables	Nutritional Garden	Nutritional Garden	Zaid 2023	1.5	1.5	1	14	15	
	Vegetables	Nutritional Garden	Nutritional Garden	Rabi 2023	5	5	4	46	50	
	Onion	Varietal	High Yielding Variety	Rabi 2022	0.8	0.8	1	7	8	
	Okra	Varietal	High Yielding Variety	Zaid 2023	1	1	0	6	6	
	Onion	Varietal	High Yielding Variety	Rabi 2023	1	1	0	8	8	
	Cauliflower	Varietal	High Yielding Variety	Rab 2023	4	4	2	18	20	
	Wheat	IDM	Management of Karnal Bunt(Tebuconazole 25.9 EC))	Rabi 2022	4	4	3	7	10	
	Scented Rice	IPM	Management of yellow stem borer (Flubendiamide 39.35 SC)	Kharif 2023	6	6	3	12	15	
	Wheat	Varietal	High Yielding Variety	Rabi 2023	8	8	3	16	19	
	Sugarcane	IPM	Management of early shoot borer (Fipronil 40 % + Imidacloprid 40%)	Zaid 2023	6	6	1	14	15	
	Mustard	ICM	Varietal Demonstration	Rabi 2022	20	20	7	40	47	
	Blackgram	ICM	Varietal Demonstration	Kharif 2023	10	10	5	28	33	
	Mustard	ICM	Varietal evaluation	Rabi 2023	20	20	9	41	50	
	Greengram	ICM	Varietal Demonstration	Zaid 2023	10	10	6	20	26	

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					

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	

Extension and Training activities under FLD

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

Petha																									
Tomato																									
Frenchbean																									
Capsicum																									
Chilli																									
Brinjal																									
Vegetable pea																									
Softgourd																									
Okra																									
	Varietal	High Yielding Variety	Pusa Bhindi - 5	6	1		Height	127	115	121	103	17.47	99.54	92.8	96.17	80.4	19.61	87277	182723	95445	2.09	80280	152760	72480	1.9
Colocasia (Arvi)																									
Broccoli																									
Cucumber																									

Onion																							
Varietal	High Yielding Variety	NHRD F Red-4	8	0.8	Weight of Bulb	77.8	65.3	72.6	62.4	16.35	33.54	30.08	317.98	258.6	22.96	175200	413374	238200	2.359	166300	336100	169880	2.02
Varietal	High Yielding Variety	NHRD F Red-4	8	1	Results Awaited																		
Coriender																							
Lettuce																							
Cabbage																							
Cauliflower																							
Varietal	High Yielding Variety	Pusa Snowball - K1	20	4	Results Awaited																		
Elephant fruit																							
Flower crops																							
Marigold																							
Bela																							
Tuberose																							
Gladiolus																							

Commercial Crops																			
Sugarcane																			
	IPM	Fipronil 40 % + Imidacloprid 40%	Co 0238	15	6	Result Awaited													
Potato																			
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			
Maize (F)																			
Lucern																			

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
Superseeder	Wheat	Wheat Sowing With Superseeder	5	2	Yield per man hour	9.23	1.82	408.37				2.105				4925
Mini Tractor Rotavator	Sugarcane	Interculture with Mini Tractor Rotavator	10	4	Results Awaited											
Superseeder	Wheat	Wheat Sowing With Superseeder	10	4	Results 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	Improved efficiency and labor saving	Improved farming practice and productivity
2	Reduction in man hours per unit output	Timeliness in sowing- larger area coverage in short time

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)		

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					

IV. Drone Project

1) Details of Drone Training

S.No	Name of the Institute/KVK	No. of Drone Allotted	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
<u>1</u>	KVK SHAMLI	01	01	02	Dr. Saqib Parvaze Allaie	SMS Ag. Engg	9149774325	saqibparvaze@gmail.com	Drone Destination Gurugram Haryana	Training Completed	L1922329		
					Dr. Ajay Kumar	SMS P.P.	9799864546	akentoskrau@gmail.com			P5167860		

2) Details of Nodal officers under Drone Project

S.No	Name of the Institute	Name of Nodal Officer	Contact No.	Email
<u>1</u>	KVK SHAMLI	Dr. Saqib Parvaze Allaie	9149774325	saqibparvaze@gmail.com
	KVK SHAMLI	Dr. Ajay Kumar	9799864546	akentoskrau@gmail.com

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)
1	KVK SHAMLI	01	01	10.00	7.50	17.50	9.98	0.88	10.86	6.64	62.04	250.00	--	30.00	--	--	30.00

V. DAMU Project

Project Details

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

DAMU Name :

Name of Blocks:

Year of start of AAS at DAMU:

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/repared 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:

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 (pl specify)	-	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 (pl specify)	-	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 (pl specify)	-	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 (pl specify)	-	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 technology	-	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	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)		4	71	0	71	9	0	9	80	0	80
III Soil Health and Fertility Management											
Soil fertility management	-				0			0	0	0	0
Integrated water management	-				0			0	0	0	0
Integrated Nutrient Management	-				0			0	0	0	0
Production and use of organic inputs	-				0			0	0	0	0
Management of Problematic soils	-				0			0	0	0	0
Micro nutrient deficiency in crops	-				0			0	0	0	0
Nutrient Use Efficiency	-				0			0	0	0	0
Balance use of fertilizers	-				0			0	0	0	0
Soil and Water Testing	-				0			0	0	0	0
Others (pl specify)	-				0			0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management											
Dairy Management	-				0			0	0	0	0
Poultry Management	-				0			0	0	0	0
Piggery Management	-				0			0	0	0	0
Rabbit Management	-				0			0	0	0	0
Animal Nutrition	-				0			0	0	0	0

Others (pl specify)	Sowing sugarcane using the trench method and intercropping with pulse crops Drudgery reduction techniques for farm women										
		2	11	19	30	9	1	10	20	20	40
Total		4	45	19	64	15	1	16	60	20	80
VII Plant Protection	-	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	IPM in Tomato	1	19	0	19	1	0	1	20	0	20
Integrated Disease Management	Management of insect pest and disease in mango IPM and IDM in Paddy	2	38	0	38	2	0	2	40	0	40
Bio-control of pests and diseases	Management of insect pest and disease in sugarcane through organic and natural methods	1	18	0	18	2	0	2	20	0	20
Production of bio control agents and bio pesticides	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total		4	75	0	75	5	0	5	80	0	80
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 (pl specify)	-				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 (pl specify)	-				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 (pl specify)	-				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
Others (pl specify)	-				0			0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
GRAND TOTAL		23	291	132	423	45	20	65	336	152	488

Farmers' Training including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	-	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	Crop Residue Management Importance Of Natural Farming In Agriculture	2	38	0	38	2	0	2	40	0	40
Cropping Systems	Ratoon Management in Sugarcane Scientific Methods for Green Fodder Production throughout the Year Scientific Techniques In Cultivation Of Aromatic Rice Timely Sown Varieties Of Wheat	4	83	0	83	5	0	5	88	0	88
Crop Diversification	Intercropping In Spring Sugarcane Late Sown Varieties Of Wheat	2	40	0	40	0	0	0	40	0	40
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	Important Agronomic Practices In Spring SugarCane Production Techniques Of Mustard	2	34	0	34	6	0	6	40	0	40
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 (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total		10	195	0	195	13	0	13	208	0	208

II Horticulture											
a) Vegetable Crops											
Production of low value and high value crops	Importance Of Natural Farming In Nutritional Garden	1	20	0	20	0	0	0	20	0	20
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 (pl specify)	Intercropping Of Onion With Autumn Sugarcane	1	18	0	18	2	0	2	20	0	20
Total (a)		2	38	0	38	2	0	2	40	0	40
b) Fruits											
Training and Pruning	-	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	Crop Regulation In Guava	1	17	0	17	3	0	3	20	0	20
Cultivation of Fruit	Scientific Cultivation Of Papaya	1	20	0	20	0	0	0	20	0	20
Management of young plants/orchards	Importance Of Micronutrients In Mango	1	20	0	20	0	0	0	20	0	20
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	Drip Irrigation In Fruit Plants	1	19	0	19	1	0	1	20	0	20
Plant propagation techniques	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total (b)		4	76	0	76	4	0	4	80	0	80
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 (pl specify)	-	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 (pl specify)	-	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 (pl specify)	-	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 (pl specify)	-	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 technology	-	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	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)		6	114	0	114	6	0	6	120	0	120
III Soil Health and Fertility											

Farm Machinery and its maintenance	Use of latest Implements for Paddy Cultivation Importance, Use And Benefits Of Sowing Wheat With Superseeder Importance And Use Of Ratoon Management Machine In Sugarcane	3	53	0	53	7	0	7	60	0	60
Installation and maintenance of micro irrigation systems	Use, Benefits and Schemes of Drip Irrigation	1	17	0	17	3	0	3	20	0	20
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	Use and Maintenance of Plant Protection Equipment Threshers: Maintenance, Repair, and Proper Storage Techniques Maintenance and Repair Techniques for Agricultural Implements and Machinery Care and Maintenance of Farm Machinery During Rainy Season	4	72	0	72	8	0	8	80	0	80
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 (pl specify)	Solar Pumping System and Related Schemes by the Government Pradhan Mantri Krishi Sinchayee Yojana	2	40	0	40	0	0	0	40	0	40
Total		10	182	0	182	18	0	18	200	0	200
VII Plant Protection	-	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	IPM technique in sugarcane Management of White grub/ Termite in sugarcane Management of Top borer in Sugarcane Management of stem borer and leaf folder in paddy	4	67	0	67	10	3	13	77	3	80
Integrated Disease Management	Integrated Disease Management in Wheat Management of Pokkah boeng in Sugarcane Integrated pest and disease management in oilseed crops	3	50	4	54	6	0	6	56	4	60
Bio-control of pests and diseases	Use of organic and botanical pesticides in sustainable agriculture	1	20	0	20	0	0	0	20	0	20
Production of bio control agents and bio pesticides	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Seed Treatment	3	64	0	64	3	0	3	67	0	67

	Technique in Wheat Importance of seed treatment in wheat Use of Different Types of Traps in Pest Management										
Total		11	201	4	205	19	3	22	220	7	227
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 (pl specify)	-				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 (pl specify)	-				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 (pl specify)	-				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
Others (pl specify)	-				0			0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
GRAND TOTAL		47	770	104	874	70	13	83	840	117	957

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	-	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	Crop Residue Management Importance Of Natural Farming In Agriculture	2	38	0	38	2	0	2	40	0	40
Cropping Systems	Ratoon Management in Sugarcane Scientific Methods for Green Fodder Production throughout the Year Important Techniques For Sugarcane Cultivation Scientific Techniques In Cultivation Of Aromatic Rice Timely Sown Varieties Of Wheat	5	104	0	104	7	0	7	111	0	111
Crop Diversification	Intercropping In Spring Sugarcane Intercropping With Autumn Sugarcane Late Sown Varieties Of Wheat	3	57	0	57	3	0	3	60	0	60
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	Important Agronomic Practices In Spring SugarCane Importance Of Natural And Organic Farming Production Techniques Of Mustard	3	51	0	51	9	0	9	60	0	60
Soil & water conservatioin	Kharif Planting In Rainy Season	1	18	0	18	2	0	2	20	0	20
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 (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total		14	268	0	268	23	0	23	291	0	291
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops	Production Technology of Cucurbitaceous Crops Importance Of Natural Farming In Nutritional Garden	2	38	0	38	2	0	2	40	0	40
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	Scientific Cultivation of Okra Protected Cultivation Of	2	34	0	34	6	0	6	40	0	40

soils											
Micro nutrient deficiency in crops		0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency		0	0	0	0	0	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	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management											
Dairy Management		0	0	0	0	0	0	0	0	0	0
Poultry Management		0	0	0	0	0	0	0	0	0	0
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		0	0	0	0	0	0	0	0	0	0
Disease Management		0	0	0	0	0	0	0	0	0	0
Feed & fodder technology		0	0	0	0	0	0	0	0	0	0
Production of quality animal products		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	Importance And Establishment Of Nutritional Garden	1	0	20	20	0	2	2	0	22	22
Design and development of low/minimum cost diet	Balance Diet For Farm Women Importance Of Millets For Human Health	2	19	19	38	1	1	2	20	20	40
Designing and development for high nutrient efficiency diet	Importance Of Balanced Diet For Family Nutritional Garden For Healthy Life	2	2	21	23	10	7	17	12	28	40
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	Safe Storage Of Foodgrain Safe Storage Of Foodgrain For Summer	2	30	7	37	3	0	3	33	7	40
Value addition	Importance Of Jaggery And Its Products Value Addition In Amla Preparation Of Mango Squash Value Addition In Amla	4	54	16	70	6	4	10	60	20	80
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	Preparation Of Different Products Based On Cowdung Making Of Mats And Woolen Clothes	2	0	45	45	0	8	8	0	53	53
Women and child care	Care Of Newborn Babies In Summer Season Symptoms And Prevention Of Malnutrition Among Children Prevention Of	3	0	63	63	0	4	4	0	67	67

	Malnutrition And Associated Disease In Children										
Others (pl specify)	Skill Based Training For Employment Generation In Rural Women	1	0	22	22	0	3	3	0	25	25
Total		17	105	213	318	20	29	49	125	242	367
VI Agril. Engineering											
Farm Machinery and its maintenance	Use of latest Implements for Paddy Cultivation Latest Agricultural Tools And Machinery For Enhanced Productivity Crop Residue Management Equipment For Sustainable Agriculture Importance, Use And Benefits Of Sowing Wheat With Superseeder Importance And Use Of Ratoon Management Machine In Sugarcane	5	87	0	87	13	0	13	100	0	100
Installation and maintenance of micro irrigation systems	Use, Benefits and Schemes of Drip Irrigation	1	17	0	17	3	0	3	20	0	20
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	Use and Maintenance of Plant Protection Equipment Threshers: Maintenance, Repair, and Proper Storage Techniques Maintenance and Repair Techniques for Agricultural Implements and Machinery Care and Maintenance of Farm Machinery During Rainy Season	4	72	0	72	8	0	8	80	0	80
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 (pl specify)	Sowing sugarcane using the trench method and intercropping with pulse crops Drudgery reduction techniques for farm women Solar Pumping System and Related Schemes by the Government Pradhan Mantri Krishi Sinchayee Yojana	4	51	19	70	9	1	10	60	20	80
Total		14	227	19	246	33	1	34	260	20	280
VII Plant Protection											
Integrated Pest Management	IPM in Tomato	5	86	0	86	11	3	14	97	3	100

Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	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	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	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	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0	0
Total	0	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	0
Group dynamics	0	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	0
Mobilization of social capital	0	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	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0	0
Total	0	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	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	70	1061	236	1297	115	33	148	1176	269	1445	

Training for Rural Youths 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	
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	Mushroom Production Techniques	1	9	0	9	1	0	1	10	0	10	
Bee-keeping												
Sericulture												
Repair and maintenance of farm machinery and implements												
Value addition												
Small scale processing	Making of Mango Pickles	1	0	14	14	0	1	1	0	15	15	

TOTAL		2	9	14	23	1	1	2	10	15	25
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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	Importance Of Green Manuring And The Careful Selection Of Crops Improve Water Productivity in Crops	2	18	18	36	2	2	4	20	20	40
Integrated Pest Management	Integrated Disease Management in Mango	1	16	0	16	4	0	4	20	0	20
Integrated Nutrient management	-	0	0	0	0	0	0	0	0	0	0
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 and maintenance of farm machinery and 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	Design Of Balance Diet For Pregnant Women Vaccination Schedules And Importance For Women And Children	2	0	66	66	0	11	11	0	77	77
Low cost and nutrient efficient diet designing	Importance Of Millets For Good Health Importance Of Balanced Diet For Lactating Women	2	0	35	35	0	6	6	0	41	41
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	-	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	-	0	0	0	0	0	0	0	0	0	0
Household food security	-	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	-	0	0	0	0	0	0	0	0	0	0
TOTAL		7	34	119	3	6	19	25	40	138	8

Training programmes for Extension Personnel including sponsored training programmes (off 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	Late Sown Varieties Of Wheat Production Technology of Cucurbitaceous Crops	2	45	0	45	5	0	5	50	0	50
Integrated Pest Management	Use and Importance of Organic Pesticides	1	28	0	28	2	0	2	30	0	30
Integrated Nutrient management	Application Of Micronutrients In Mango	1	26	0	26	4	0	4	30	0	30
Rejuvenation of old orchards	Importance Of Training And	1	0	27	27	0	3	3	0	30	30

Any other (pl. specify)	Crop Residue Management	1	25	0	25	5	0	5	30	0	30
TOTAL		15	193	146	33	28	22	50	22	1	38
					9	28	22	50	1	168	9

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)	Scientific	1	20	2	22	5	1	6	25	3	28

VII. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	522	708	12	720
Diagnostic visits	193	328	2	330
Field Day	04	179	4	183
Group discussions	23	232	2	234
Kisan Ghosthi	17	4242	182	4424
Film Show	03	142	0	142
Self -help groups	03	45	0	45
Kisan Mela	03	1972	164	2136
Exhibition	03	1972	164	2136
Scientists' visit to farmers field	198	249	0	249
Plant/animal health camps	01	74	0	74
Farm Science Club				
Ex-trainees Sammelan				
Farmers' seminar/workshop				
Method Demonstrations	03	65	0	65
Celebration of important days	06	756	109	865
Special day celebration	02	189	16	205
Exposure visits	06	265	24	289
Others (pl. specify) Lecture Delivered	19	5312	187	5499
Total	1006	16730	866	17596

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	03
News paper coverage	72
Popular articles	04
Radio Talks	03
TV Talks	02
Animal health camps (Number of animals treated)	
Others (pl. specify)	
Total	84

Mobile Advisory Services

Name of KVK	Message Type	Type of Messages					Total	
		Crop	Livestock	Weather	Marke-ting	Aware-ness		Other enterprise
Shamli	Text only	13092	--	--	--	13092	--	13092
	Voice only	1749	--	--	--	1749	--	1749
	Voice & Text both	--	--	--	--	--	--	--
	Total Messages	14841	--	--	--	14841	--	14841
	Total farmers Benefitted	14841	--	--	--	14841	--	14841

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						
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	Tomato	Pusa Hybrid 8	Hybrid	500	450	20
	Brinjal	Pusa Uttam	Hybrid	1000	550	10
	Chili	Arkam Meghna	OP	500	275	08
	Onion	NHRDF Red 4	OP	12000	1500	74
	Bottle gourd	Pusa Naveen & Pusa Santushti	OP	100	500	15
	Ridge gourd	Pusa Supriya	OP	50	250	5
	Bitter gourd	Pusa Vishesh	OP	50	250	4
	Pumpkin	Pusa Vikas	OP	50	250	5
	Cucumber	Pusa Uday	OP	50	250	4
	Cauliflower	Pusa Snowball K-1	OP	950	425	28
	Cabbage	Pusa Mukta	OP	670	335	36
Fruits						
Ornamental plants						
	Marigold	Pusa: Arpita Bahar		1406	703	15
	Rajnigandha					
	Chrysanthmum			1230	615	12
	Calandula			1210	605	10
	Vervina			760	380	16
	Poppy			1580	790	25
	Sweet William			248	124	10
Fodder crop saplings						
Forest Species						
Others						
Total				22354	8252	329

Production of Bio-Products

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

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				
Water				
Plant				
Manure				
Others (pl.specify)				
Total				

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Shamli	01	21.11.2022

XII. NEWSLETTER/MAGAZINE

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

XIII. PUBLICATIONS

Category	Number
Books	
Technical bulletins	07
Research Paper	
Lead Papers	
Book Chapters	
Popular Articles	05
Newsletters	07
Technical reports	08
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
Total		

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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

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

- 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*
 - 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*
 - Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product*
- The general format for preparing the above case studies are furnished below*

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

Sample KVK Case study

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

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

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

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

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

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



A farmers with KVK's scientist



Mustard Crop Pusa Tarak

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/ Shredder / 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/ Shredder / Mulcher	
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
	Total	

b) IEC activities organized under CRM Project by KVKs

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

b) Other IEC activities organized under CRM Project by KVKs

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	

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			

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 (F/S, C/S)	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)		
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						

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

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons participated
1	Toilet maintenance		
2	Road, drain cleaning		
3	Garbage disposal		
4	Door to door awareness		
5	Awareness campaign		
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing painting 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 husbandra & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixture	
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.

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