PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan. 2021 to Dec. 2021)

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	38	760	0	760
Rural youths	06	60	0	60
Extension functionaries	12	120	0	120
Sponsored Training	12	1154	0	1154
Vocational Training	07	168	0	168
Total	75	2262	0	2262

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds			
Pulses			
Cereals	66	26.80	-
Vegetables	12	1.12	
Other crops			
Hybrid crops			
Total	78	27.92	
Livestock & Fisheries			
Other enterprises			
Total			
Grand Total	78	27.92	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops		12	24
Livestock			
Various enterprises			
Total			
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	5	12	24

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	3584	11530
Other extension activities	132	132
Total	3716	11662

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	3280	0	0	0	80	0	3300
	Voice only							
	Voice & Text both							
	Total Messages	3280	0	0	0	80	0	3300
	Total farmers Benefitted	3280	0	0	0	80	0	3300

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	238.70	501270.00
Planting material (No.)	**7660**	-
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

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

8. HRD and Publications

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

DETAIL REPORT OF APR-2021

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, **SHAMLI, DISTT.-SHAMLI (U.P.)**	9411448594	-	kvkshamli@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
DIRECTORATE OF EXTENSION S.V.P.Univ. of Agril. & Tech., 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.Satish Kumar		9068289571	**kvkshamli@gmail.com**

1.4. Year of sanction:2018

1.5. Staff Position (as on 31st December, 2020)

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr.satish kumar	Head	Extension	37400-67000	10000	27-12-96	**Permanent**	OBC		58	
2	Subject Matter Specialist	Dr.S.P. Singh	SMS	Agronomy	15600-39100	8000	11-12-03	**Permanent**	OBC		58	
3	Subject Matter Specialist	Dr. Onkar Singh	SMS	Horticulture	15600-39100	8000	17-12-03	**Permanent**	SC		52	
4	Subject Matter Specialist	Dr. Vikas Kumar	SMS	Plant Breeding	15600-39100	8000	17-01-04	**Permanent**	OBC		39	
5	Subject Matter Specialist	-										
6	Subject Matter Specialist	-										
7	Subject Matter Specialist	-										
8	Programme Assistant	-										
9	Computer Programmer	-										
10	Farm Manager	-										
11	Accountant / Superintendent	-										
12	Stenographer	-										
13	Driver	Sh. Subash Chand	Driver	--	5200-20200	2800	1-1-08	**Permanent**	GEN		45	
14	Driver	-										
15	Supporting staff	ShSatish	Messanger	--	4440-	2400	1-1-97	**Permanent**	GEN		50	

					7440							
16	Supporting staff	Neelam	Peon	--	4440-7440	2400	18-3-17	**Permanent**	GEN		40	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.40
2.	Under Demonstration Units	Nil
3.	Under Crops	6.100
4.	Orchard/Agro-forestry	Nil
5.	Others (specify)	2.047

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	03-01-22	-	-	-	-	complete
2.	Farmers Hostel	Nil						
3.	Staff Quarters (6)	Nil						
4.	Demonstration Units (2)	Nil						
5	Fencing	ICAR	31.03.08	1000 mtr	19.21 lac	Incomplete		
6	Rain Water harvesting system	Nil						
7	Threshing floor	ICAR	31.03.08	300 sqm	2.33 lac			
8	Farm godown	nil						

B) Vehicles-

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Nil				

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Nil			
	.		

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	11.01.2022	Dr.S.K.Sachan, Director, SVPUA&T, Meerut	A technical demonstration should be organized at the field.	The technical demonstration is being organized at crop cafeteria.
		Dr.Shive Kumar Kashri, DDAg. Shamli	Organic farming	Lecture in many goshti and training programmes also organized on organic farming.
		DAO, Shamli	Work should be started on dry leaves management in sugarcane.	Lecture in many goshti and training programmes also organized on dry leaves management in sugarcane
		Dr.SatyaPrarsh, Professor&Head	change the variety pusa arpita and work on suitgaalmaker in mango	Pusa Arpita variety is replaced by Pusa Deep. And many training programmes also organized on suitgaalmaker in mango.
		Mr. Mukash Kumar, Prograssive Farmer	work should be on paklabutajole	Many training programs also organized on paklaabetajol for right dose and time of application.
		DCO, Shamli	Focus on sugarcane intercropping	Lecture in many goshti and training programmes also organized on intercropping. We are also demonstrating the intercropping technology at crop cafeteria.
		DAO,Shamli	There should be a vehicle at KVK.	This matter is related to the University Headquarters.
		CVO,Shamli	There should be a scientist of Animal science.	This matter is related to the University Headquarters.
		Member Prograssive Farmer's	Subsidy should be on small tractor.	This matter is related to district Agriculture deptt.

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, 2021)

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

S. No	Farming system/enterprise
1	➢ S. Cane based + A.H+ Horticulture
2	➢ S. Cane based + A.H+ Horticulture
3	➢ S. Cane based + A.H+ Vegetable + Floriculture
4	➢ S. Cane based + A.H + Horticulture

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

S. No	Agro-climatic Zone	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

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
		Soil particle Diameter (mm)	Water holding capacity

1.	Sandy	2 - 0.2 mm,	Poor
2.	Sandy loam	0.2 - 0.02 mm,	Medium
3.	Loam	0.02 - 0.002 mm	Average
4.	Clay loam	>than 0.002 mm	Good

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Sugarcane	61358	50880507.92	1004.00
2.	Wheat	49142	2086077.90	42.45
3.	Paddy	8200	348500	42.50
4.	Urd	350	2905	8.30
5.	Mung	-		
6.	Lentil	89	614.10	6.90
7.	Gram	60	651.00	10.85
8.	Pea	170	2340.9	13.77
9.	Pigeon Pea	-		
10	Mustard	951	9376.86	9.86
11	Sunflower	-		
12	Potato	96	22080	230.00
13	Cotton	-		
14	Maize	-		
15	Arhar	-		

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	

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

Category	Population	Production	Productivity
Cattle			
Crossbred	**86114**		**6.310**
Indigenous	**100**		
Buffalo	**304719**		**5.90**
Sheep			
Crossbred	**3882**		**-**
Indigenous	**-**		**-**
Goats	**28049**		**0.780**
Pigs			
Crossbred	**10171**		**40-50 kg per pig**
Indigenous	**-**		**-**
Rabbits	**-**		
Poultry			
Hens	350000		90%
Desi	**-**		
Improved	**-**		
Ducks	**-**		
Turkey and others	**-**		

Category	Area	Production	Productivity
Fish			
Marine			
Inland			
Prawn			

Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st December, 2021)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Shamli	Kairana	Titoli	Sugarcane	Low yield due to imbalance fertilizer	Balance use of fertilizer
				Wheat	Low yield due to high infestation of weeds, late sowing	Weed management
				Mustard	Poor yield due to aphid infestation	Insect mgt.
				Mango	Poor yield due to imbalance use of fertilizer	Fertilizer management
				Guava	Poor quality yield due to fruit fly infestation	Fruit fly management
				Cauliflower	Poor yield due to use of local variety	Introduction of HYV
				Brinjal	Poor quality of fruits due to foot & shoot borer	IPM
2	Shamli	Shamli	Jalalpur	Sugarcane	High infestation of insect & disease	Insect & disease mgt. through IPM
				Wheat	Low yield due to high infestation of weeds, late sowing	Weed management
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
3	Shamli	Thanabhawan	Harad fatehapur	Sugarcane	Poor yield due to less 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
				Barseem	Low yield due to local variety	Introduction of HYV
4	kairana	kairana	Aryapuri	Sugarcane	High infestation of insect & disease	Insect & disease mgt. through IPM
				Wheat	Low yield due to high infestation of weeds, late sowing	Weed management

				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
				Barseem	Low fodder due to use of local variety	HYV
5	Shamli	Shamli	Lishad	Sugarcane	High infestation of insect & disease	Insect & disease mgt. through IPM
				Wheat	Low yield due to high infestation of weeds, late sowing	Weed management
				Vegetables	Local variety, Imbalance fertilizer application, Infestation of pest	Introduction of HYV IPNM IPM
				Barseem	Low fodder due to use of local variety	HYV

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Sugarcane	IPNM, Weed management, IPM, IDM, quality Seed production
Wheat	INM, Weed management, IDM, Seed production, Foliar application of Micronutrients
Rice	INM, Weed management, Hybrid rice, IPM, IDM, Quality Seed.
Vegetables	IDM, IPM, Quality Seed.
Orchard	INM,IPM, IDM, Weed management traing and pruning& unavailability of quality planting material
Oilseeds & Pulses crop	Sulphur, Zinc application & IPM
Animals	Endo & Ecto parasite control, Improving fertility& Imbalance feed.

* An example for guidance only

1. Maintenance of soil productivity through soil test based nutrient management.
2. Promoting intercropping modules with Sugarcane
3. Popularizing Bio- pesticides for management of insect pests
4. Promoting quality floriculture as diversification enterprise for extra income generation.
5. Promoting quality vegetable nursery
6. Mineral mixture supplementation among animals for improving fertility
7. Promoting Group Approach of Extension through Women SHGs and Vallabh Krishak Clubs

2.9 Intervention/ Programmes for the doubling the farmers income –(Jan 2021-Dec. 2021) **Demonstrations**

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent Yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Relay Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mixed Farming System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mixed Farming System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Note- Same format may be used for OFT.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2021

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
6	6	12	12	50	27.92	100	78

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	40	38	800	760	1000	3584	10000	11530
Rural youth	06	06	60	60				
Extn. Functionaries	12	12	120	120				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
250	238.70	Seed corporation	5000	6450	280

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	Varietal evaluation of timely sown high yielding variety	2	05
	Marigold	Varietal evaluation of marigold	2	03
	Paddy	Varietal evaluation of basmsti rice variety P.B.-1637	2	03
Integrated Pest Management	sugarcane	IPM in sugarcane	2	05
Integrated Crop Management	wheat	Balance use of fertilizer	2	03
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management	sugarcane	Weed management in sugarcane	2	05
Resource Conservation Technology				

Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			**14**	**27**

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*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

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

Summary of technologies refined under various livestock by KVKs

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

Summary of technologies refined under various enterprises by KVKs

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

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

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

(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)

VARIETAL EVALUATION

1.Problem definition: **:** low yield &heavy infestation of yellow rust due to use of old/traditional variety.

Technology Assessed or Refined (as the case may be) : **:** Varietal evaluation of timely sown wheat

Table Performance of wheat variety

Technology Option	*No.of trials*	*Yield (t/ha)*	*Net Returns (Rs. in lakh./ha)*
T_1 Farmer's Pra.(**(HD-2967**)	*05*	49.40	*0.77580*
T_2 DBW-222		57.80	*0.89460*

2.Problem definition: **:** low yield due to use of old/traditional variety.

Technology Assessed or Refined (as the case may be) : **:** Varietal evaluation of marigold.

Table Performance of marigold variety

Technology Option	*No.of trials*	*Yield (t/ha)*	*Net Returns (Rs. in lakh./ha)*
T_1 Farmer's Pra.	*03*	134.50	*1.32000*
T_2 Pusa Arpita		168.30	*1.96100*

3.Problem definition: **:** low yield due to use of old/traditional variety.

Technology Assessed or Refined (as the case may be) : **:** Varietal evaluation of basmati rice P.B.1637.

Table Performance of Basmati rice variety

Technology Option	*No.of trials*	*Yield (t/ha)*	*Net Returns (Rs. in lakh./ha)*
T_1 Farmer's Pra.(Local)	*03*	43.70	*0.71500*
T_2 P.B.1637		48.80	*0.79860*

INTEGRATED PEST MANAGEMENT

Problem definition: *Lower yield due early shoot borer.*

Technology Assessed : *Integrated pest Management in sugarcane.*

Table Performance of Sugarcane to integrated Pest management

Technology Option	*No.of trials*	*Yield t./ha*	*B:C Ratio*
T_1 Farmer's Pra.- fipronil	*5*	*Result awated*	
T_2 -thimetoxom			

INTEGRATED NUTRIENT MANAGEMENT

Problem definition: **:** low yield due to use unbalance use of fertilizer.

Technology Assessed or Refined (as the case may be) : **:** Balance use of fertilizer in wheat.

Table Performance of Basmati rice variety

Technology Option	*No.of trials*	*Yield (t/ha)*	*Net Returns (Rs. in lakh./ha)*
T_1 Farmer's Pra.(Local)	*05*	49.40	*0.78805*
T_2 Micronutrient		55.80	*0.95020*

WEED MANAGEMENT

Problem definition: **:** low yield due to high infestation of weed .

Technology Assessed or Refined (as the case may be) : **:** Weed management in Sugarcanr.

Table Performance of sugarcane weed managment

Technology Option	*No.of trials*	*Yield (t/ha)*	*Net Returns (Rs. in lakh./ha)*
T_1 Farmer's Pra.(Local)	*05*	Result awaited	
T_2 Pendamethalin			

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2016-17 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

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

b. Details of FLDs implemented during **2020** (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	mustard	VE	Pant sweta	Rabi 20-21	4.0	4.0	2	6	08	-
2	mustard	VE	NRCYS502	Rabi 20-21	4.0	4.0	3	8	11	-
3	Wheat	VE	DBW-187	Rabi 20-21	4.0	4.0	2	8	10	-
4	Wheat	WM	Hd-2967	Rabi 20-21	2.0	2.0	5	0	05	-
5	Onion	VE	P.Madhawi	Rabi 20-21	0.4	0.32	4	0	04	-
6	sugarcane	IDM	Co-0238	Rabi 20-21	4.0	4.0	3	7	10	-
7	Bhindi	VE	B.5	Rabi 20-21	0.8	0.8	0	08	08	-
8	paddy	VE	Pusa-1509	Kharif 2021	4.0	4.0	5	5	10	-
9	paddy	WM	Pusa-1509	Kharif 2021	4.8	4.8	2	10	12	-

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	Irr.	Sandy Loam	L	M	M	Paddy	15.10.20	22.03.21	-	-
Mustard	Rabi	Irr.	Sandy Loam	L	M	M	S.cane	15.10.20	23.03.21	-	-
Wheat	Rabi	Irr.	Sandy Loam	L	M	M	s.cane	25.11.20	29.04.21	-	-

Wheat	Rabi	Irr.	Sandy Loam	L	M	M	Jowar	25.11.20	21.04.21	-	-
Onion	Rabi	Irr.	Sandy Loam	L	M	M	carrot	02.11.20	25.03.21	-	-
sugarcane	Rabi	Irr.	Sandy Loam	L	M	M	Jowar	11.10.20	-	-	-
Bhindi	Rabi	Irr.	Sandy Loam	L	M	M	Jowar	15.11.20	24.04.21	-	-
paddy	Kharif	Irr.	Sandy Loam	L	M	M	Jowar	15.07.21	27.10.21	-	-
paddy	Kharif	Irr.	Sandy Loam	L	M	M	Jowar	18.07.21	23.10.21	-	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Newly release High yield and disease resistance variety is better than local variety.
2	Newly release High yield and disease resistance variety is better than local variety.
3	Newly release High yield and disease resistance variety is better than local variety.
4	90% weed control
5	Newly release High yield and disease resistance variety is better than local variety.
6	90% Pokka boing disease control
7	Newly release High yield and disease resistance variety is better than local variety.
8	Newly release High yield and disease resistance variety is better than local variety.
9	90% weed control

Farmers' reactions on specific technologies

S. No	Feed Back
1	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
2	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
3	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
4	less infestation of Weed and higher yield
5	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
6	less infestation of disease and higher yield
7	less infestation of Weed and higher yield
8	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
9	less infestation of Weed and higher yield

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	5	Different dates	124	-
2	Farmers Training	04	Different dates	128	-
3	Media coverage	11	-	-	-
4	Training for extension functionaries	05	Different dates	54	-

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum																		
Mustard	VE	Varietal demo.	Pant sweta	08	4.0	-	-	19.00	16.25	16.92	22500	133000	110500	4.91:1	21000	113750	92750	4.42:1
	VE	Varietal demo.	NRCYS502	11	4.0	-	-	19.60	16.50	18.78	20500	131500	111000	5.41:1	19800	118650	98850	4.99:1
CFLD	VE	Varietal demo.	RH-749	61	20	-	-	22.50	18.00	25.00	24000	123750	99750	4.20:1	22500	99000	76500	3.40:1
Toria																		
Linseed																		
Sunflower																		
Soybean																		

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

Frontline demonstration on pulse crops

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

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check											
					High	Low	Average			Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																			
Paddy																			
Waterlogged Situation																			
Coarse Rice																			
Scented Rice	VE	Varietal Demo.	10	4.0	-	-	56.50	48.60	16.25	7	5	51650	155740	104090	2.02:1	49850	135760	85910	1.72:1
	WM	Weed Mangt.	12	4.8	-	-	**58.60**	50.80	15.36	2	6	41500	153900	113400	2.73:1	39900	136350	97450	2.44:1
Wheat	VE	Varietal demo.	10	4.0	-	-	59.40	50.40	17.85	9	5	41590	117315	75725	2.82:1	40090	99540	59450	2.48:1
	WM	Weed Mangt.	5	2.0	-	-	54.00	47.80	14.01	2	7	31280	137637	106357	3.40:1	29500	119405	89905	3.05:1
Wheat Timely sown																			
Wheat Late Sown																			
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			

Jowar																			
Bajra																			
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			
Bittergourd																			
Cowpea																			
Spongegourd																			
Petha																			
Tomato																			
Frenchbean																			
Capsicum																			
Chilli																			
Brinjal																			
Vegetable pea																			
Softgourd																			

Okra	**VE**	**Varietal Demo.**	8	**0.80**	**-**	**-**	**96.17**	**80.40**	**19.61**	**-**	**-**	**87277**	**182723**	**95445**	**2.09:1**	**80280**	**152760**	**72480**	**1.90:1**
Colocasia (Arvi)																			
Broccoli																			
Cucumber																			
Onion	**VE**	**Varietal Demo.**	4	**0.32**	**-**	**-**	315.60	242.40	30.19	**-**	**-**	161500	473400	311900	2.93:1	141400	363600	222200	2.57:1
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	IDM	IDM	10	4.0			result	awaited											
Potato																			
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			

Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			
Maize (F)																			
Lucern																			
Berseem																			
Oat (F)																			

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

FLD on Livestock

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

Dairy																	
Poultry																	
Sheep & Goat																	
Vaccination																	

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

FLD on Fisheries

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

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

FLD on Other enterprises

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

Value Addition																
Vermi Compost																

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

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

FLD on Other Enterprise: Kitchen Gardening

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

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2020***)*

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

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

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

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

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

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	3	50	0	50	10	0	10	60	0	60
Resource Conservation Technologies	3	48		48	12		12	60	0	60
Cropping Systems				0			0	0	0	0
Crop Diversification	1	18		18	2		2	20	0	20
Integrated Farming				0			0	0	0	0
Micro Irrigation/irrigation	4	68		68	12		12	80	0	80
Seed production	13	234		234	26		26	260	0	260
Nursery management	1	20		20			0	20	0	20
Integrated Crop Management	1	17		17	3		3	20	0	20
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 (pl specify)	2	38		38	2		2	40	0	40
Total	28	493	0	493	67	0	67	560	0	560
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops				0			0	0	0	0
Off-season vegetables	1	16		16	4		4	20	0	20
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	3	58		58	2		2	60	0	60
Others (pl specify)				0			0	0	0	0
Total (a)	4	74	0	74	6	0	6	80	0	80
b) Fruits										
Training and Pruning	2	32		32	8		8	40	0	40
Layout and Management of Orchards				0			0	0	0	0
Cultivation of Fruit	2	38		38	2		2	40	0	40
Management of young plants/orchards				0			0	0	0	0
Rejuvenation of old orchards				0			0	0	0	0
Export potential fruits				0			0	0	0	0
Micro irrigation systems of orchards	1	20		20			0	20	0	20
Plant propagation techniques				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (b)	5	90	0	90	10	0	10	100	0	100
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 (pl specify)				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 (pl specify)				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 (pl specify)				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 (pl specify)				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 (pl specify)				0			0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
GT (a-g)	**9**	**164**	**0**	**164**	**16**	**0**	**16**	**180**	**0**	**180**
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 Management				0			0	0	0	0
Disease Management				0			0	0	0	0
Feed & fodder technology				0			0	0	0	0
Production of quality animal products				0			0	0	0	0
Others (pl specify)				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				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 (pl specify)				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 (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management				0			0	0	0	0
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 (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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)	1	13		13	7		7	20	0	20
Total	**1**	**13**	**0**	**13**	**7**	**0**	**7**	**20**	**0**	**20**
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	**38**	**670**	**0**	**670**	**90**	**0**	**90**	**760**	**0**	**760**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	3	50	0	50	10	0	10	60	0	60
Resource Conservation Technologies	3	48		48	12		12	60	0	60
Cropping Systems				0			0	0	0	0
Crop Diversification	1	18		18	2		2	20	0	20
Integrated Farming				0			0	0	0	0
Micro Irrigation/irrigation	4	68		68	12		12	80	0	80
Seed production	13	234		234	26		26	260	0	260
Nursery management	1	20		20			0	20	0	20
Integrated Crop Management	1	17		17	3		3	20	0	20
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 (pl specify)	2	38		38	2		2	40	0	40

Total	28	493	0	493	67	0	67	560	0	560
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops				0			0	0	0	0
Off-season vegetables	1	16		16	4		4	20	0	20
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	3	58		58	2		2	60	0	60
Others (pl specify)				0			0	0	0	0
Total (a)	4	74	0	74	6	0	6	80	0	80
b) Fruits										
Training and Pruning	2	32		32	8		8	40	0	40
Layout and Management of Orchards				0			0	0	0	0
Cultivation of Fruit	2	38		38	2		2	40	0	40
Management of young plants/orchards				0			0	0	0	0
Rejuvenation of old orchards				0			0	0	0	0
Export potential fruits				0			0	0	0	0
Micro irrigation systems of orchards	1	20		20			0	20	0	20
Plant propagation techniques				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (b)	5	90	0	90	10	0	10	100	0	100
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 (pl specify)				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 (pl specify)				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 (pl specify)				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 (pl specify)				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 (pl specify)				0			0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
GT (a-g)	**9**	**164**	**0**	**164**	**16**	**0**	**16**	**180**	**0**	**180**
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 Management				0			0	0	0	0
Disease Management				0			0	0	0	0
Feed & fodder technology				0			0	0	0	0
Production of quality animal products				0			0	0	0	0
Others (pl specify)				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				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 (pl specify)				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 (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management				0			0	0	0	0
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 (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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)	1	13		13	7		7	20	0	20
Total	**1**	**13**	**0**	**13**	**7**	**0**	**7**	**20**	**0**	**20**
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	**38**	**670**	**0**	**670**	**90**	**0**	**90**	**760**	**0**	**760**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
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	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	1	8		8	2		2	10	0	10
Training and pruning of orchards	0			0			0	0	0	0
Protected cultivation of vegetable crops	0			0			0	0	0	0
Commercial fruit production	0			0			0	0	0	0
Integrated farming	0			0			0	0	0	0
Seed production	2	11		11	9		9	20	0	20
Production of organic inputs	0			0			0	0	0	0
Planting material production	0			0			0	0	0	0
Vermi-culture	2	14		14	6		6	20	0	20
Mushroom Production	0			0			0	0	0	0
Bee-keeping	1	9		9	1		1	10	0	10
Sericulture	0			0			0	0	0	0
Repair and maintenance of farm machinery and implements	0			0			0	0	0	0
Value addition	0			0			0	0	0	0
Small scale processing	0			0			0	0	0	0
Post Harvest Technology	0			0			0	0	0	0
Tailoring and Stitching	0			0			0	0	0	0
Rural Crafts	0			0			0	0	0	0
Production of quality animal products	0			0			0	0	0	0
Dairying	0			0			0	0	0	0
Sheep and goat rearing	0			0			0	0	0	0
Quail farming	0			0			0	0	0	0
Piggery	0			0			0	0	0	0
Rabbit farming	0			0			0	0	0	0
Poultry production	0			0			0	0	0	0
Ornamental fisheries	0			0			0	0	0	0
Composite fish culture	0			0			0	0	0	0
Freshwater prawn culture	0			0			0	0	0	0
Shrimp farming	0			0			0	0	0	0
Pearl culture	0			0			0	0	0	0
Cold water fisheries	0			0			0	0	0	0
Fish harvest and processing technology	0			0			0	0	0	0
Fry and fingerling rearing	0			0			0	0	0	0
Any other (pl.specify)	0			0			0	0	0	0
TOTAL	6	42	0	42	18	0	18	60	0	60

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	1	8		8	2		2	10	0	10
Training and pruning of orchards	0			0			0	0	0	0
Protected cultivation of vegetable crops	0			0			0	0	0	0
Commercial fruit production	0			0			0	0	0	0
Integrated farming	0			0			0	0	0	0
Seed production	2	11		11	9		9	20	0	20
Production of organic inputs	0			0			0	0	0	0
Planting material production	0			0			0	0	0	0
Vermi-culture	2	14		14	6		6	20	0	20
Mushroom Production	0			0			0	0	0	0

Bee-keeping	1	9		9	1		1	10	0	10
Sericulture	0			0			0	0	0	0
Repair and maintenance of farm machinery and implements	0			0			0	0	0	0
Value addition	0			0			0	0	0	0
Small scale processing	0			0			0	0	0	0
Post Harvest Technology	0			0			0	0	0	0
Tailoring and Stitching	0			0			0	0	0	0
Rural Crafts	0			0			0	0	0	0
Production of quality animal products	0			0			0	0	0	0
Dairying	0			0			0	0	0	0
Sheep and goat rearing	0			0			0	0	0	0
Quail farming	0			0			0	0	0	0
Piggery	0			0			0	0	0	0
Rabbit farming	0			0			0	0	0	0
Poultry production	0			0			0	0	0	0
Ornamental fisheries	0			0			0	0	0	0
Composite fish culture	0			0			0	0	0	0
Freshwater prawn culture	0			0			0	0	0	0
Shrimp farming	0			0			0	0	0	0
Pearl culture	0			0			0	0	0	0
Cold water fisheries	0			0			0	0	0	0
Fish harvest and processing technology	0			0			0	0	0	0
Fry and fingerling rearing	0			0			0	0	0	0
Any other (pl.specify)	0			0			0	0	0	0
TOTAL	6	42		42	18		18	60	0	60

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

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

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	3	20	0	20	10	0	10	30	0	30
Integrated Pest Management	0			0			0	0	0	0

Integrated Nutrient management	1	6		6	4		4	10	0	10
Rejuvenation of old orchards	2	17		17	3		3	20	0	20
Protected cultivation technology	1	8		8	2		2	10	0	10
Production and use of organic inputs	0			0			0	0	0	0
Care and maintenance of farm machinery and implements	0			0			0	0	0	0
Gender mainstreaming through SHGs	0			0			0	0	0	0
Formation and Management of SHGs	0			0			0	0	0	0
Women and Child care	0			0			0	0	0	0
Low cost and nutrient efficient diet designing	0			0			0	0	0	0
Group Dynamics and farmers organization	0			0			0	0	0	0
Information networking among farmers	0			0			0	0	0	0
Capacity building for ICT application	0			0			0	0	0	0
Management in farm animals	0			0			0	0	0	0
Livestock feed and fodder production	0			0			0	0	0	0
Household food security	0			0			0	0	0	0
Any other (pl.specify)	5	41		41	9		9	50	0	50
TOTAL	**12**	**92**	**0**	**92**	**28**	**0**	**28**	**120**	**0**	**120**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	3	3	20	0	20	10	0	10	30	0
Integrated Pest Management	0	0			0			0	0	0
Integrated Nutrient management	1	1	6		6	4		4	10	0
Rejuvenation of old orchards	2	2	17		17	3		3	20	0
Protected cultivation technology	1	1	8		8	2		2	10	0
Production and use of organic inputs	0	0			0			0	0	0
Care and maintenance of farm machinery and implements	0	0			0			0	0	0
Gender mainstreaming through SHGs	0	0			0			0	0	0
Formation and Management of SHGs	0	0			0			0	0	0
Women and Child care	0	0			0			0	0	0
Low cost and nutrient efficient diet designing	0	0			0			0	0	0
Group Dynamics and farmers organization	0	0			0			0	0	0
Information networking among farmers	0	0			0			0	0	0
Capacity building for ICT application	0	0			0			0	0	0
Management in farm animals	0	0			0			0	0	0
Livestock feed and fodder production	0	0			0			0	0	0
Household food security	0	0			0			0	0	0
Any other (pl.specify)	5	5	41		41	9		9	50	0
TOTAL	**12**	**12**	**92**	**0**	**92**	**28**	**0**	**28**	**120**	**0**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	7	878	0	878	112	0	112	990	0	990
Commercial production of vegetables	1	38		38	26		26	64	0	64
Production and value addition										
Fruit Plants	2	34		34	16		16	50	0	50
Ornamental plants	2	38		38	12		12	50	0	50
Spices crops				0			0	0	0	100
Soil health and fertility management				0			0	0	0	0
Production of Inputs at site				0			0	0	0	0
Methods of protective cultivation				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	12	988	0	988	166	0	166	1154	0	1154

Post harvest technology and value addition										
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Farm machinery										
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries										
Livestock production and management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management				0			0	0	0	0
Animal Disease Management				0			0	0	0	0
Fisheries Nutrition				0			0	0	0	0
Fisheries Management				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Home Science										
Household nutritional security	0	0	0	0	0	0	0	0	0	0
Economic empowerment of women				0			0	0	0	0
Drudgery reduction of women				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Agricultural Extension										
Capacity Building and Group Dynamics	0	0	0	0	0	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	12	988	0	988	166	0	166	1154	0	1154

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture	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	1	14		14	6		6	20	0	20
Others (pl. specify)	1	19		19	11		11	30	0	30
Total	2	33	0	33	17	0	17	50	0	50
Post harvest technology and value addition										
Value addition	0			0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries										
Dairy farming	0			0			0	0	0	0
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				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Income generation activities										
Vermicomposting	0			0			0	0	0	0
Production of bio-agents, bio-pesticides,				0			0	0	0	0
bio-fertilizers etc.	1	12		11	2		2	20	0	20
Repair and maintenance of farm				0			0	0	0	0

machinery										
and implements				0			0	0	0	0
Rural Crafts				0			0	0	0	0
Seed production	2	32		32	8		8	40	0	40
Sericulture				0			0	0	0	0
Mushroom cultivation				0			0	0	0	0
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 (pl. specify)	2	32		32	16		16	48	0	48
Total	6	76	0	76	32	0	32	108	0	108
Agricultural Extension										
Capacity building and group dynamics	0			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	7	109	0	109	49	0	49	158	0	158

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	127	1230		1230
Diagnostic visits	25	230		230
Field Day	12	176		176
Group discussions	8	58		58
Kisan Ghosthi	7	1870		1870
Film Show	7	1870		1870
Self -help groups	0	0		0
Kisan Mela	5	970		970
Exhibition	5	970		970
Scientists' visit to farmers field	98	324		324
Plant/animal health camps	0	0		0
Farm Science Club	0	0		0
Ex-trainees Sammelan	0	0		0
Farmers' seminar/workshop	0	0		0
Method Demonstrations	0	0		0
Celebration of important days	3	98		98
Special day celebration	1	89		89
Exposure visits	6	365		365
Others (pl. specify)	3280	3280		3280
Total	**3584**	**11530**	**0**	**11530**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	6
News paper coverage	87
Popular articles	1
Radio Talks	3
TV Talks	1
Animal health amps (Number of animals treated)	0
Others (pl. specify)	34
Total	**132**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	3280				20		3300
	Voice only							0
	Voice & Text both							0
	Total Messages	3280	0	0	0	20	0	3300
	Total farmers Benefitted	3280	0	0	0	20	0	3300

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

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

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	PBW-723	-	238.70	501270	seed corporation
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						

Others						
Total	Wheat	PBW-723	-	238.70	501270	seed corporation

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	onion	ALR		2500		
Vegetable seedlings	Brinjal			200		
	Chilli			300		
	Tomato			200		
	Bottle gourd			250		
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others	others			3000		
Total				**6450**		

Production of Bio-Products

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

Table: Production of livestock materials

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

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

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

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
KVK Shamli	01	11-1-2022

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Books	**1**
Technical bulletins	**1**
Research Paper	4
Lead Papers	-
Book Chapters	8
Popular Articles	-
Newsletters	-
Technical reports	5
Others (pl. specify)	
total	19

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

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.)**
2	-	-	**240**	**12**

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

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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

Total												

XIII. DETAILS ON HRD ACTIVITIES

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

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

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

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

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

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

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

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

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

Sample KVK Case study

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

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

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

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

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

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

A farmers with KVK's scientist

Mustard Crop Pusa Tarak

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

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

B. Details on Farmer's visit

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

C. Facilities in the ATIC which are in operation

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

D. Technology information provided

D.1. Details on technology information

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

D.2 . Publications (Print & Electronic media)

S. No	Particulars	Number sold	Revenue generated in Rs.	Number of farmers benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			
07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

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

F. Technology services provided

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

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

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

B. Workshops / meetings organized

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

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

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

D. Overseeing of KVKs activities

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

E. Publication on Technology inventory

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

F. Technological Products provided to KVKs

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

XVI Achievement of Special programmes

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

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

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

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

a) CRM Machinery procured by KVKs

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

b) IEC activities organized under CRM Project by KVKs

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

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	
4.	Poster/Banner placed	
5.	Publicity material - leaflets/ pamphlets etc. distributed	
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	
	Total	

3) Achievement of TSP (Tribal Sub Plan)

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas)

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

5) Achievements of SCSP KVKs

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						

6) Achievement under IFS KVKs

Sl. No.	IFS (Component Name)	No. of IFS established	Area (ha)	Number of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1							
2							
3							

7) Achievements under Mera Gaon Mera Gaurav (MGMG) project

No. of institutes/ universities involved	Total No of Groups/team formed	No. of Scientists Involved	No. of villages covered	No. of field activities conducted	No. of messages/ advisory sent	Farmers benefited (No.)

8) Achievements of Farmers FIRST programme

NRM Module		Crop Module		Horticulture Module		Livestock & Poultry			IFS Model		Extension Activities	
Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	No of Animals	Demon.	No Farm Families	No. of prog	Farmers

9) Activities performed under NARI programme

Activities	Number of activity	No. of farmers/ beneficiaries
OFTs – Nutritional Garden (activity in no. of Unit)		
OFTs – Bio-fortified Crops (activity in no. of Unit)		
OFTs – Value addition (activity in no. of Unit/Enterprise)		
OFTs - Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)		
FLDs – Nutritional Garden (activity in no. of Unit)		
FLDs – Bio-fortified Crops (activity in no. of Unit)		
FLDs – Value addition (activity in no. of Unit/Enterprise)		
FLD- Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)		
Trainings		
Extension Activities		
Grand Total		

10) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil					
Water					
Plant					
Manure					
Total					

11) Achievements under NICRA Project

NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers

12) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female
Mushroom production						
Fruits and vegetable processing units,						
Horticulture nursery						
Fish farming						
Poultry						
Goat farming						
Piggery						
Duck farming						

Bee keeping						
Others if any						

13) Achievements under Rainwater Harvesting Structures

Sr. No.	Activities	Number
1	Training programmes	
2	Demonstration	
3	Plant materials produced	
4	Visit by farmers	
5	Visit by officials	

14) Achievements under Pulses Seed Hub programme

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

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

15) NEMA (New Extension Methodologies and Approaches)

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

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

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

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

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

18) Achievements under Swachhata Abhiyan Mission

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

19) Achievements under Aspirational District Scheme

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

Officers/staff involved	
Seed & Plant Distribution	
Programme number	
Seed distribution in q	
No. of plant distributed	950
Biological products distributed	
No. of programme organised	
No. of farmers	
Officers/staff involved	
Animal husbandra & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

XVI Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received
1	**outstanding scientist in agrisulture award**	**Dr.vikas kumar**	**2021**	**04-12-2021**

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

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