Krishi Vigyan Kendra, Ujhani - Badaun ANNUAL REPORT (January to December 2021)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	48	960		960
Rural youths	08	80		80
Extension functionaries	06	60		60
Total	62	1100		1100
Sponsored Training	06	214	1	215
Vocational Training	02	100		100

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	25	10.00	25
Pulses	50	20.00	50
Cereals	10	4.00	10
Vegetables	10	4.00	10
Other crops			
Hybrid crops	35	7.00	35
Total	130	45.00	130
Livestock & Fisheries	20		20
Other enterprises (Poultry)	10	4900	10
Total	30		30
Grand Total	160	45.00	160

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	04	12	12
Livestock	05	19	19
Various enterprises			
Total	09	31	31
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	09	31	31

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	1234	3459
Other extension activities	20	Mass

Total	1236	3459

5. Mobile Advisory Services

		Type of Messages						
Name of KVK	Message Type	Crop	Livesto ck	Weathe r	Marke -ting	Awar e- ness	Other enterpri se	Total
	Text only	102						
	Voice only	28	12	16				
	Voice & Text both							
	Total Messages	130	12	16				
	Total farmers Benefitted	928						

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.	Distributed to No. of
			farmers
Seed (q)	434.35	911120.00	NSC
Planting material (No.)	9500		Planted at KVK and
			distt. Line deptt.
Bio-Products (kg)			
Livestock Production (No.)			
Fishery production (No.)			

7. Soil, water & plant Analysis

Type of Samples	No. of samples analysised	No. of Beneficiaries	Value Rs.
Soil	0	0	0
Water			
Plant			
Total			

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	02
2	Conferences	03
3	Meetings	10
4	Trainings for KVK officials	03
5	Visits of KVK officials	02
6	Book published	
7	Training Manual	
8	Book chapters	
9	Research papers	03

10	Lead papers	
11	Seminar papers	02
12	Extension folder	06
13	Proceedings	
14	Award & recognition	
15	On going research projects	

DETAIL REPORT OF APR (Jan. – December 2021)

1. General Information about the KVK

1.1 Name and address of the KVK with Phone, Fax and e-mail

Address	Telephone	e-mail	Website
KrishiVigyan Kendra,	05832 -	badaunkvk@gmail.com	badaun.kvk4.in
Ujhani	264996		
Distt. – Badaun			
PIN – 243639			

1.2 Name and address of the host organization with Phone, Fax and e-mail

Address	Telephone	Fax	e-mail	Website
SardarVallabhbhai	0121-	0121-	deesvpuat2014@gmail.com	svpuat.ac.in
Patel University of	2888511	2888540		
Agri. & Tech., Meerut				
-250110 (U.P.)				

1.3 Name of the Head with Phone & Mobile No.

Name	Telephone / Contact				
	Office	Mobile	Email		
Dr. Sanjay Kumar	05832 264996	9412368175	sanjayento77@gmail.com		

:

1.4 Year of sanction

01.08.1992

1.5 Staff Position (as on 30 Nov. 2021)

S.N.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Senior Scientist & Head	Dr. Raksha Pal Singh	ON LIEN LI	EAVE								
2	Subject Matter Specialist	Dr. Sanjay Kumar	Officer Incharge	Ph.D (Entomology)	15600- 39100	95400	15.07.08	Permanent	SC	9412368175	44	sanjayento77@gmail.com
3	Subject Matter Specialist	Dr. Shri Pal Singh	S.M.S. /Asstt. Prof. (Animal Science)	Ph.D. (Animal Science)	15600- 39100	100100	18.08.08	Permanent	OBC	8954903816	60	ssspsachan@gmail.com
4	Programme Assistant	Dr. AnandPrakash	Trg. Asstt. (A.V. Aids)	Ph.D. (Agril. Extn.)	1740- 3000	81200	20.12.95	Permanent	OBC	9412195441	55	dranandprakash121@gmail.c om
5	Computer Programmer	Sh. AshishAgarwal	Prog. Asstt. (Computer)	B.Sc. & Diploma in computer	9300- 34800	76500	16.10.99	Permanent	Other	9456868422	46	to.ashishagarwal1999@gmai l.com
6	Farm Manager	Dr. Vimal Kumar Singh	Prog. Asstt.\Farm Manager	Ph.D (Entomology)	9300- 34800	53600	22.07.08	Permanent	Other	9450779838	41	to.vksingh1978@gmail.com
7	Accountant / Superintendent	Sh. AlokSaxena	Office. Supdt./ Accountant	M.Com.	9300- 34800	70000	6.9.2000	Permanent	Other	9411300515	49	saxenaalok72@gmail.com
8	Driver cum Mechanic	Sri. V.K. Mishra	Driver	B.A.	5200- 20200	37000	01.03.08	Permanent	OBC	9719818397	46	-
9	Supporting staff	Sh. Riyasat	Mali	Literate	5200- 20200	36400	28.04.97	Permanent	OBC	9917405005	56	-
10	Supporting staff	Sh. Jagvir Singh	Field Attendant	B.A.	5200- 20200	32300	15.01.04	Permanent	OBC	9410021878	36	jagvirshakya85@gmail.com

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.90
2.	Under Demonstration Units	0.50
3.	Under Crops	10.00
4.	Orchard/Agro-forestry	1.30
5.	Others (Fish pond)	0.345

1.7. Infra-structural Development

A) Buildings

Sl.	Name of	Source	Stage					
	building	of	Complete				Incomp	lete
		funding	Completion	Plinth	Expenditure	Starting	Plinth	Status of
			date	area	(lac)	date	area	construction
				(sq.m)			(sq.m)	
1.	Administrative building	ICAR	2001	550	29.00			Complete
2.	Farmers Hostel	ICAR	2005	300	16.43			Complete
3.	Staff Quarters (06)	ICAR	2008	2400	28.67	-		Complete
4.	Demo. unit. (02)	ICAR	2008	160	4.00	-		Complete
5.	Fencing	ICAR	2007	2000	16.43			Complete
6.	Rain water harvesting system	ICAR	2005	4000	0.33			Complete
7.	Threshing floor	ICAR	2007	300	1.00			Complete
8.	Farm godown	ICAR	2007	60	1.00			Complete

B) Vehicles

Type of vehicle	Year of	Cost (Rs.)	Vehicle No. /Total kms.	Present status
	purchase		Run	
Leen(01)	2008	507000.00 + Expenses	UP24 - G 0127 /	Working
Jeep (01)			198698	
Motorcycle (01)	2010	Purchased by H.Q.	UP24G-0148/87000	Working
Cycle (02)	1998	2338.00	-	Working

C) Equipments& Audio Visual Aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status
Computer Hub system	Received 2008	Purchased by ERNET	Not Functioning
Computer	Received 2005	Purchased by H.Q.	Working
Computer Printer	Received 2005	Purchased by H.Q.	Working
Computer Printer	2006	6800.00	Working
Projector	2004	Purchased by H.Q.	Working
Soil testing lab. equipment	2005	485432.40	Working
Colour television & DVD player	2006	14500.00	Working
LCD	2007	64125.00	Working
Digital Camera	2008	19990.00	Working
Laptop	2014	Purchased by H.Q	Working
Laptop	2017	Purchased by H.Q.	Working

1.8. A). Details of SAC meetings to be conducted in the year	
	SI.No.	Date
	1. Scientific Advisory Committee	09.12.2021

S.N.	Name & Designation of Delegates	Salient Recommendations	Action taken
1	Dr. Gopal Singh, Joint Director Extension, S.V.P.U.A.&T., Meerut Dr. A.K. Mishra, DC,	Dr. Gopal Singh suggested that there should be more no. of training on Mushroom production and maintain the record of no. of mushroom unit at the district.	Suggestion have been incorporate in Action Plan
2	DASP, Badaun Dr. S.B.Singh, OIC,	Dr. A.K. Mishra suggested that there should be training and demonstration natural farming farmers field.	Suggestion have been incorporate in Action Plan
3	ZRC, Ujhani Dr. A.K. Chaubey, Associate Director, ZRC, Ujhani	Mrs. Sadhna Singh suggested that there should be training on Mushrrom for farm women, poshok vatika establishment and training on value addition of vegetable and fruit.	Suggestion have been incorporate in Action Plan
4	Dr. K.G.Yadav, Senior Scientist, S.V.P.U.A.&T., Meerut	Sri.Rajesh pratap singh advised that there should be training on ICM of Aonla and also advised to promote new variety of Aonla in the district.	Suggestion have been incorporate in Action Plan
5	Sri. Ram Veer Katara DDA, Badaun	Sri. Jitendra Gangwar advised that there should be demonstration on Naino urea and other fertilizer at farmers field.	Suggestion have been incorporate in Action Plan
6	Sri. Jitendra Gangwar Manager IFFICO	Shri. Naresh Pal suggested that KVK should provide mini kit of new variety of wheat for farmers and provide soil testing facility at KVK.	Suggestion have been incorporate in Action Plan

7	Sri. Ram Kishan	Dr. A.K. Mishra suggested that there	Suggestion have been
	DCO, Badaun	should be training on organic seed	incorporate in Action Plan
		production and also advised that	
	Sri. Rajesh Pratap Singh	biofertilizer should be promoted among	
	SAC, Member	the farmers.	
8		Sri. Ram Kishan suggested that there	Suggestion have been
	Smt. Sadhana Singh	should be traning on single bud seedling	incorporate in Action Plan
	SAC, Member	production technology of sugarcane.	
9		Dr. K.G. Yadav suggested that add all	Suggestion have been
	Pandit Leeladhar Sharma	SAC member in Badaun Tele group.	incorporate in Action Plan
10	Progressive Farmer	Dr. A.K. Chaubey suggested that add the	Suggestion have been
		application of Trichoderma in organic	incorporate in Action Plan
	Sri. Naresh Pal	farming	
11	Progressive Farmer	Dr. Gopal Singh suggested that there	Suggestion have been
	-	should be more no. of training on disease	incorporate in Action Plan
		managemen of the crop and also advised	
		to call scientist of ZRC as resource person	
		during training programme.	
12		Dr. Ram Veer Katara suggested that there	Suggestion have been
		should be training on Mushroom on	incorporate in Action Plan
		mushroom growers villages.	

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1.	Agriculture + Horticulture + Animal Husbandry
2.	Agriculture + Animal Husbandry + Horticulture
3.	Agriculture + Animal Husbandry + Poultry
4.	Agriculture + Horticulture + Animal Husbandry + Poultry

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

a) Soil Type

S. No	Agro ecological situation	Characteristics
1.	AES-I	It represents the Mid Western Plain Zone of the district having light soil with medium fertility, medium rainfall and most suited for paddy, wheat, potato, sugarcane, Bajra as well as guaya cultivation. Out of 15 development blocks of Badaun district. It
		covers four blocks viz. Dataganj, Samrer, Meon, Usawan
2.	AES-II	It represents the Mid Western Plain Zone of the district with loamy soil having medium fertility, medium rain fall, suited for all type of crops viz. wheat, sugarcane, paddy, Bajra as well as vegetable crops due to proximity to the city. It covers five blocks viz. Jagat, Ujhani, Qadarchowk, Salarpur and Wajirganj.
3.	AES-III	It represents the Mid Western Plain Zone of the district having sandy soil and sandy loam with medium fertility and medium rainfall. Six development blocks viz. Bisauli, Asafpur, Ambiyapur ,Islamnagar, Sahaswan, Dehgawan comes under this AES. It is suited for cereal crops as well as vegetables.

b) Topography

S. No.	Agro ecological situation	Characteristics
1		It represents the Mid Western Plain Zone of the district having light soil with medium
	AES-I	fertility, medium rainfall and most suited for paddy, wheat, potato, sugarcane, Bajra as well
	_	as guava cultivation. Out of 15 development blocks of Badaun district. It covers four blocks
		viz. Dataganj, Samrer, Meon, Usawan
2		It represents the Mid Western Plain Zone of the district with loamy soil having medium
	AES-II	fertility, medium rain fall, suited for all type of crops viz. wheat, sugarcane, paddy, Bajra as
		well as vegetable crops due to proximity to the city. It covers five blocks viz. Jagat, Ujhani,
		Qadarchowk, Salarpur and Wajirganj.
3		It represents the Mid Western Plain Zone of the district having sandy soil and sandy loam
		with medium fertility and medium rainfall. Six development blocks viz. Bisauli, Asafpur,
	AES-III	Ambiyapur ,Islamnagar, Sahaswan, Dehgawan comes under this AES. It is suited for cereal
		crops as well as vegetables.

2.3 Soil types

SI. No	Soil type	Characteristics	Area (ha)
1	Clay Loam	It is more fertile than sandy and sandy loam	2558
2	Sandy Soil	Sandy soil is dominated and having low status of NPK.	224480
3	Sandy Loams	It is more fertile than sandy soil	199730

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

S. No	Сгор	Area (ha)	Production (mt)	Productivity (Qtl /ha)							
Α	FIELD CROPS INCLUDING OIL SEEDS AND PULSES										
1.	Wheat	261759	819776	35.10							
2.	Gram	68	75	11.11							
3.	Pea	836	1774	21.22							
4.	Mustard /Toria	20570	42515	10.39							
5.	Lentil	4930	6685	17.40							
6.	Paddy	85986	148171	42.34							
7.	Bajra	124950	175937	14.08							
8.	Maize	10868	34832	49.55							
9.	Arhar	503	492	9.79							
10.	Groundnut	525	620	11.80							
11.	Moong	133	41	3.08							
12.	Sugarcane	25810	1915941	693.00							
В	VEGETABLES										
1.	Potato	12104	214664	177.35							
2.	Tabacco	706	3912	55.45							
3.	Turmeric	250	715	28.61							

2.5. Weather data (2019-20)

Month	Rainfall (mm)	Tempe	erature 0 C	Relative Humidity (%)		
	rtaintain (rinn)	Maximum	Minimum	Maximum	Minimum	
Total						

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

Category	Population	Production	Productivity
Cattle	· · · · ·		
Buffalo	40590		
Sheep	15930		
Goats	22975		
Pigs			
Crossbred	10561		
Indigenous	22945		
Rabbits			
Poultry			
Hens	159725		
Desi			
Category		Production (Q.)	Productivity
Fish (Reservoir)			

*Statical report

2.7 Details of operational area / villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust areas
Bilsi	Ambiapur	Hasupur Baheria	Bajra, Maize, Jower, Wheat Potato	Productivity of paddy, wheat, Maize Baiza Lentil etc. in	Integrated nutrient
		Prathvi Nagla,	Mustard, Barly, Toria,	general are very low. The main	High yielding varieties
Sadar	Ujhani	Mehona, Hajratganj,	Sugarcane, Paddy,	reason of low yield is imbalance	
		Bhawanipur, Baramaldey	Gram, Vegetables, Mentha Poultry	use of fertilizer and lack of high vielding varieties	Post harvest management.
		Durumundev	Buffalo, Bee keeping	yielding varieties	Nutrition and health.
			etc.	Sever infestation of stem borer,	
				Brown Plant Hopper and Blast	Employment generation in
Sahaswan	Dahagwan	Dhel, Malpur tatera, Bhoyas		disease in rice. Fruit borer	Rural areas.
Sanaswan	Danagwan	Biloyas		Capsicum and nematode problem	Bio pesticide in vegetables/
				in cucurbits and tomato and	cereals.
				chilies. Wilt in lentil.	
				Weed infestation in various crops.	Establishment of nurseries.
				crops by the farmer	Diversification in Agriculture
				Pest problems in vegetable crops	Diversification in Agriculture.
				Poor milk production and	Use of improved varieties.
				infertility in animals.	Ĩ
				Lack of quality planting material	Nutrition management and
				in horticultural crops.	repeated breeding
				Wilt infestation in Guava	management in dairy animals.
				Orchards.	

2.8 Priority thrust areas

S.N.	Thrust area
1.	Low organic carbon & available Potassium in soil.
2.	Lack of knowledge about balance nutrition in agricultural crops.
3.	Need of diversification in agriculture.
4.	Lack of elite quality planting material of horticultural crops and lack of Bahar control in guava.
5.	Lack of knowledge about improved varieties and seed production of different crops.
6.	Lack of IPM and IDM in various crops
7.	Lack of management in animal and poultry production.
8.	Lack of improved breeds of animals.
9.	Lack of balance nutrition and good health in animals.

2.9 Intervention/ Pro	ogrammes for the	e doubling the fa	rmers income – d	uring 2021	Demonstr	ations	
Before	Main crop	Inter crop	Equivalent	Cost of	Net income(Rs/ha)	B.C:	Remark if
Interventions	Yield(q/ha)	Yield(q/ha)	Yield(q/ha)	cultivation(Rs/ha)*		Ratio	any
Intercropping							
System(Kharif-Rabi-							
Zaid) -Livestock etc.							
D'					\ v		
Discussion: Irrigation	, Fertilizers, Labo	ur, Land Preparat	ion, Seed, Plant pr	Otection (Weed, Pest, diseas	$\frac{e}{N_{a}}$	D C.	Domonia !!
Atter	Main crop	Inter crop	Equivalent		Net income(Rs/na)	B.C:	Remark II
Interventions	Y leid(q/na)	Yield(q/na)	yield(q/na)	cultivation(Ks/ha)*		Katio	any
Intercropping							
System(Kharif-Rabi-							
Zaid) -Livestock etc.							
Discussion : Irrigation	, Fertilizers, Labo	ur, Land Preparat	ion, Seed, Plant pr	otection (Weed, Pest, disease	e) *		
Before	Main crop	Inter crop	Equivalent	Cost of	Net income(Rs/ha)	B.C:	Remark if
Interventions	Yield(q/ha)	Yield(q/ha)	yield(q/ha)	cultivation(Rs/ha)*		Ratio	any
Mono Cropping							
System(Kharif-Rabi-							
Zaid) -Livestock etc.							
							4
							4
							4

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

io of talget and		lente el manada			ng 2021			
OFT (Technology Assessment and Refinement)				FLD <mark>(Oilseeds, Pulses, Cotton, Other</mark>				
				<mark>Crops/En</mark>	<mark>terprises)</mark>			
•	1				2			
Number of OFTs Total no. of Trials			Ar	ea in ha	Number of Farmers			
Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement		
10	30	31	51	45	170	160		
	er of OFTs Achievement	Image: solution of the second of the seco	I er of OFTs Total no. of Trials Achievement Targets Achievement 10 30 31	Image: Concernent of the concer	Section of the definition of the defi	Section of the definition of the defi		

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

Training						Extension Activities				
		3				4	4			
Number of CoursesNumber of Participants			Number of activitiesNumber of participants			nber of cipants				
Clientele	Targets	Achievement	Targets Achievement		Targets	Achievement	Targets	Achievement		
Farmers	31	48	620	960	1000	1234	Mass	3459		
Rural youth	06	08	60	80						
Extension Functionaries	05	06	50	60						

	Seed Producti	ion (Qtl.)	Planting material (Nos.)			
	5		6			
Target	Achievement	Distributed to no. of	Target	Distributed to no.		
		farmers	_		of farmers	
200	434.35	Seed supplied to NSC	20000	9500	-	

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Сгор	Name of the technology assessed	No. of trials	No. of farmers
IPM	Capsicum	Flubendiamide 39.35 SC @ 125 ml/ha	03	03
IPM	Tomato	Spinetoram 11.7 SC @ 500 ml /ha	03	03
Varietal Evaluation	Onion	Evaluation of high yielding varieties	03	03
Varietal Evaluation	Mentha	Evaluation of high yielding varieties	03	03
Total			12	12

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
Dairy Management	Buffalo	Use of supplement feed and Vetmate inj. 02 ml / animal (72 hr before A.I. after 45 days of Calving)	06	06
Disease /Feed Management	Buffalo	Use of Dewormer (10 ml ivermectin inj.)/animal &Receptalinj 5ml (72-96 hrs before AI) + Mineral mixture supplementation @ 50 g/day /animal for 45 days	10	10
Poor socio-economic status and malnutrition	Poultry	Use of dual purpose breed (CARI- NIRBHIK)	03	03
Total		·	19	19

Summary of technologies assessed under various enterprises by KVKs

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

Summary of technologies assessed under various cropsby KVKs

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

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
Total				

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

OFT -1

Problem definition: Low yield of Capsicum due to severe attack of fruit borer

Technology Assessed or Refined :Management of fruit borer in Capsicum

An On Farm Trial was conducted in sandy loam soil under irrigated conditions for the assessment of Flubendiamide 39.35 SC @ 125 ml/ha at three locations in Maize-Capsicum cropping system during Rabi 2020-21. Maximum yield (383.94 q/ha) were recorded Flubendiamide 39.35 SC @ 125 ml/ha" while in Farmer Practice 307.17q/ha.

Technology	No. of	Yield	Infected	Net return	BC ratio
assessed/Refined	trials	(q/ha)	fruit (%)	Rs./ha	
T ₁ F P-Cypermethrin 10EC @750 ml/ha T ₂ - Flubendiamide 39.35 SC @ 250 ml/ha	03	307.17 383.94	27.31 6.25	138236.00 193652.00	2.29 2.71

Table – Field evaluation of Flubendiamide 39.35 SC

Recommendations :Use of Flubendiamide against fruit borer gave 25.00% more yield as compare to FP. It is highly effective against fruit borer .

Farmers Reaction : It is good insecticide for fruit borer

OFT -2

Problem definition: Low yield of Tomato due to severe attack of fruit borer

Technology Assessed or Refined : Management of fruit borer in Tomato

An On Farm Trial was conducted in sandy loam soil under irrigated conditions for the assessment of **Spinetoram 11.7 SC @ 500 ml /ha** at three locations in Tomato-Maize cropping system during Rabi 2020-21. Maximum yield (430.22q/ha) were recorded **Spinetoram 11.7 SC @ 500 ml /ha** while in Farmer Practice 324.80 q/ha.

Technology	No. of	Yield	Infected	Net return	BC ratio
assessed/Refined	trials	(q/ha)	fruit (%)	Rs./ha	
T ₁ F P-Cypermethrin 10EC @750 ml/ha T ₂ - Spinetoram 11.7 SC @ 500 ml /ha	03	324.80 430.22	28.72 8.67	207295.00 295215.00	2.76 3.18

Table – Assessment of Spinetoram 11.7 SC @ 500 ml /ha

Recommendations :Use of Emamectin Benzoate against fruit borer gave 32.46% more yield as compare to FP. It is highly effective against fruit borer .

Farmers Reaction : It is good insecticide for fruit borer

OFT -3 Problem definition: Low productivity & poor quality of growing onion.

Technology Assessed or Refined :Varietal assessment of HYV "Bhima Kiran".

An On Farm Trial was conducted in sandy loam soil under irrigated conditions for the assessment of high yielding variety "Bhima Kiran" at three locations in Pearl Millet – Potato-Onion cropping system during Rabi 2021. Maximum yield (357 q/ha) were recorded with the variety "Bhima Kiran" while in Farmer Practice (A.L.R.) 280 q/ha. Uniform neck fall were also recorded in "Bhima Kiran"

Table – Assessment of high yielding variety of Onion

Technology assessed/Refined	No. of trials	Production (q/ha)	Net return Rs./ha	BC ratio
T ₁ F P-Agrifound Light Red	03	280	504000.00	2.80
T ₂ –Bhima Kiran		357	642600.00	3.57

Date of Transplanting -26-31 Jan. 2021

Date of Harvesting – 02-05 June 2021

Recommendation:

- 1. The "Bhima Kiran" variety gave maximum yield (357 q/ha) followed by farmer practice (ALR) 280 q/ha.
- 2. Highest net return (Rs. 642600) was recorded with Bhima Kiran.
- 3. Uniform neckfall was also observed in Bhima Kiran.

Farmer's Reaction :

- 1. Only 125-135 days taken to attain bulb maturity.
- 2. Bulbs attains immediate light red colour after harvest.
- 3. Very less double bulbs and bolters were recorded in BhimaKiran.
- 4. Fetches good market price due to attractive bulb colour
- 5. Very good bulb storability (upto5 months)

OFT -4

Problem definition: High water requirement of Mentha

Technology Assessed or Refined :Varietal assessment of HYV "Sim Unnati".

An On Farm Trial was conducted in sandy loam soil under irrigated conditions for the assessment of high yielding and low water required variety "Sim Unnati" at three locations during Zaid 2021. Irrigation water is most important, input because of short duration (100-110 day), it required less water

Technology assessed/Refined	No. of trials	Production	Net return Rs./ha	BC ratio					
reemonogy ussessed/reemed		roduction							
		(a/ha)							
		(4,114)							
T ED Shivelik	02	100.00	68000 00	1.2.21					
$\mathbf{I}_1 \mathbf{\Gamma} \mathbf{\Gamma} \mathbf{F}$ - Silivalik	03	100.00	08000.00	1.5.21					
T Sim Unnoti		115.60	77040.00	1.2.85					
1_2 –Sim Unnau		115.00	77040.00	1.3.65					

Table – Assessment of high yielding variety of SIM UNNATI

Date of Transplanting -02-04 Feb., 2021

LIVE STOCK

OFT – 5 & 6

Problem definition: Higher incidences of post-calving anoestrous

Technology Assessed: Evaluation of clinical and non-clinical treatment for post-calving anoestrous in Buffaloes.

The trials were conducted during Dec. 2020 & July 2021 (03 trials in Rabi & Kharif Season) on 03 repeat breeders buffaloes (buffaloes did not show oestrus between second to fourth lactation after 3-4 months of calving) at three locations village wise, to evaluate the remedial measures for curing post calving anoestrus. In treatment one i.e.T1 which is farmers practice (feeding of choker & common salt), Even single buffalo did not responded or conceived. In the treatment T2 i.e. nonclinical remedies (Vetmate (Gonadotrophic hormone) inj 2 ml (72 hrs before AI) and feeding of minerals mixture@ 50gm/day/animal up to 45 days) three buffalo responded. Each and every animals should be free from ecto and endo parasites using ivermectin injection @ 01 ml for 50 kg body weight.

Table -Effect of minerals mixture+ Vetmatecure/minimize the post-calving anoestrous (RABI 2020-21)

Technology Option	No.of	Post calving anoestrous (Buffaloes)		
	uriais	Number	%	
T 1 -Farmer's practice (Use of choker and common salt)		03	100	
T2- Use of Vetmate (Gonadotrophic hormone) inj 2 ml (72 hrs before AI) after 45 days of calving + Mineral mixture supplementation @ 50 g/day /animal for 45 days	3	0	(Rate of Success is 100%)	

Table-Effect of minerals mixture+ Vetmatecure/minimize the post-calving anoestrous(KHARIF 2021)

Technology Option	No.of	Post calving anoestrous (Buffaloes)		
	uriais	Number	%	
T 1 -Farmer's practice (Use of choker and common salt)		03	100	
T2- Use of Vetmate (Gonadotrophic hormone) inj 2 ml (72 hrs before AI) after 45 days of calving + Mineral mixture supplementation @ 50 g/day /animal for 45 days	3	01	(Rate of Success is 67%)	

OFT – 8 & 9

Problem definition: Control of repeat breading

Technology Assessed: Assessment of clinical and non-clinical remedies in controlling repeat breeding

The trials were conducted during Dec. 2020 & July 2021 (03 trials in Rabi & Kharif Season) on 05 repeat breeders buffaloes (buffaloes did not show oestrus between second to fourth lactation after 3-4 months of calving) at three locations village wise, to evaluate the remedial measures for curing repeat breading. In treatment one i.e.T1 which is farmers practice (feeding of choker & common salt), Even single buffalo did not responded or conceived. In the treatment T2 i.e. **Use of Dewormer (10 ml ivermectin inj.)/animal &Receptalinj 5ml (72-96 hrs before AI) + Mineral mixture supplementation @ 50 g/day /animal for 45 days three buffalo responded. Each and every animals should be free from ecto and endo parasites using ivermectin injection @ 01 ml for 50 kg body weight. Rabi – 2020-21**

Technology Ontion	No.of	Post calving anoestrous (Buffaloes)		
	trials	Number	%	
T 1 -Farmer's practice (Use of choker and common salt)		05 (Repeat)	100	
T2- Use of Dewormer (10 ml ivermectin inj.)/animal & Receptal inj 5ml (72-96 hrs before AI) + Mineral mixture supplementation @ 50 g/day /animal for 45 days	5	01 (Repeat)	(Rate of Success is 80%)	

Rabi – 2020-21

Technology Ontion	No.of	Post calving anoestrous (Buffaloes)		
reemology option	trials	Number	%	
T 1 -Farmer's practice (Use of choker and common salt)		05 (Repeat)	100	
T2- Use of Dewormer (10 ml ivermectin inj.)/animal &Receptalinj 5ml (72-96 hrs before AI) + Mineral mixture supplementation @ 50 g/day /animal for 45 days	5	02 (Repeat)	(Rate of Success is 60%)	

Interference & Feed back	Use of concentrate @2.5 kg/day/animal & mineral mixture @ 50g/day/animal up to 45 days along with Inj. Receptal 5ml (72-96 hrs before Al) resulted in better conception (100%) as compared to farmers practice.
Farmers Reaction	Farmers are ready to accept this technology in the area.

OFT – 10

Problem definition: Poor socio-economic status and malnutrition Technology Assessed: Enhancing socio-economic status by rearing of backyard poultry

The trials were conducted during Rabi 2020-21 (03 trials in rabi Season) at three locations village wise. In treatment one i.e.T1 which is farmers practice (local breed), In the treatment T2 i.e. Use of dual purpose breed (CARI- NIRBHIK).

Treatments	No. of Hens	No. of eggs	% change in Yield	Net Income (Rs)	B:C ratio
T_1	54	54 x 89 = 4806	-	4806 x 5= 24030	1:1.20
T ₂	54	54 X 152 = 8208	41.44 (egg production)	8208 x 5 = 41040	1:2.00

Interferance& Feed back	Excellent Results and ready to accept improved breed of poultry (CARI_NIRBHIK)
Farmers Reaction	Accepted so many farmers

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.N.	Crop/ Enterpr	Thematic	Technology	Details of popularization methods	Horizo	Horizontal spread of		
	ise	Area*	demonstrated	suggested to the Extension system	te	technology		
					No. of villages	No. of farmers	Area in ha/ Animal s	
YEAR 2016-17								
1	Paddy	INM	Foliar spray of micronutrient	Disease free crop, good yield, Net income increased upto 38.2%	16	26	15	
2	Bitter gourd	IPM	Pheromone trap against fruit fly	It is highly effective against fruit fly management in cucurbits	10	18	19	
3	Paddy	IPM	Use of Buprofezin 25% against BPH	Effective and safer technology for management of Yellow stem borer	06	10	10	
4	Potato	IDM	Metalaxyl 8 % + Mencozeb 64 %	Effective and excellent fungicide against late blight	12	31	38	

			against late blight				
5	Cabbage	IPM	Emamectin Benzoate against DBM	Highly effective insecticide for the management of DBM	06	14	16
6	Cauliflower	Varietal evaluation	Use of improved var.SabourAgrim	White curd colour, better yield and uniform maturity	08	14	14
7	Tomato	INM	Foliar spray of micronutrient	Use of ZN, B, Cu, Fe 01 gm/lt each increase yield and keeping quality of fruits	07	15	15

b. Details of FLDs implemented during **2020-21**(Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

S. N.	Crop	Thematic area	Tech. Demo.	Season and year	Area	ı (ha)	No. of farmers/ demonstration			Reasons for shortfall in achievement
					Prop.	Actual	SC/ST	Others	Total	
1	Chilli	IPM	Emamectin Benzoate against DBM	Rabi 20-21	4.00	4.00	04	06	10	
2	Potato	IDM	Metalaxyl 8 % + Mencozeb 64 % against late blight	Rabi 20-21	2.00	2.00	01	09	10	
3	Onion	Varietal evaluation	Use of improved var. Bhima Shakti	Rabi 20-21	0.50	0.50	01	04	05	
3	Okra	Varietal evaluation	Use of improved var. Kashi Lalima	Zaid 2021	0.80	0.80	02	08	10	

Details of farming situation

Crop	Season	Farming	Soil	Sta	tus of	Soil	Previous	Sowing	Harvest	Seasonal	No. of rainy
		situation	type	Ν	Р	K	crop	date/TSP	date	rainfall	days
Chilli	Rabi 20-21	Irrigated	Sandy loam	L	М	М	Wheat	18.11.20	28.01.21	62 mm	07
Potato	Rabi 20-21	Irrigated	Sandy loam	L	М	М	Mustard	22.10.20	07.03.21	62 mm	07
Onion	Rabi 20-21	Irrigated	Sandy loam	L	М	М	Potato	27.01.21	29.05.21	62 mm	07
Okra	Rabi 20-21	Irrigated	Sandy loam	L	М	L	Bajra	03.02.21	-	62 mm	07

Technical Feedback

S.N.	Crop	Feedback
1	Chilli	Highly effective insecticide for the management of DBM
2	Potato	Effective and excellent fungicide against late blight
3	Onion	Good production with keeping quality
4	Okra	Highly productive variety

Farmers reaction-

S.N.	Crop	Feedback
1	Chilli	Highly effective insecticide
2	Potato	The use of metalaxyl 8 % + Mancozeb 64% is effective to control the late
		blight in potato

3	Onion	Highly productive variety
3	Okra	Highly productive variety

Performance of FLD

Сгор	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)		Yield (q/ha)			% Increase in yield
							Demo		Charl	
						High	Low	Average	Спеск	
Chilli	IPM	Emamectin	HYVEG-	10	4.00	370.24	353.68	360.40	281.05	28.27
		Benzoate against	078							
		DBM								
Potato	IPM	Cymoxinel 8 % +	К	10	4.00	370.23	352.45	359.22	280.75	28.04
		Mancozeb 64 %	Chipsona- 1							
		against late blight								
Onion	Varietal	Use of high	Bhima	05	0.40	265.00	246.00	250.00	291.00	24 55
	evaluation	yielding variety	Shakti			305.00	340.00	350.00	281.00	24.55
		Bheema Shakti								
Okra	Varietal	Use of high	Kashi	10	0.80	142.00	122.00	120.00	112.00	22.00
	evaluation	yielding variety	Lalima			145.00	152.00	139.00	115.00	25.00
		Kashi Lalima								

Economic Performance of FLD

Сгор	*Eco	nomics of de	monstration (l		*Economics of check (Rs./ha)						
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR			
Chilli	79000	360397	281397	4.56	77500	281054	203554	3.63			
Potato	68050	323294	255244	4.75	67250	252672	185422	3.76			
Onion	180000	630000	450000	3.50	180000	505800	325800	2.81			
Okra	41000	166000	125000	4.08	41000	113000	72000	2.75			

Performance of Cluster Frontline demonstrations

Frontline demonstrations on oilseed crops 2021

							Yield	(q/ha)		%
Crop	Thematic A rea	Technology	Variety	NO. OI Farmers	Area (ba)		Demo			Increase
	Alta	uemonstrateu		raimers	(114)	High	Low	Average	Check	in yield
Mustard	ICM	Use of improved var.	Pusa 00 M-31	25	10					

Frontline demonstration on pulse crops 2020-21

	T 1	Talandara		No. of Farmers	Area (ba)			% Increase		
Crop	I nematic	l echnology domonstratod	Variety			Demo				
	Alta	uemonsti ateu			(114)	High	Low	Average	Check	in yield
Lentil	ICM	Use of improved var.	PL-8	25	10	14.28	10.65	12.53	9.95	25.93

Economic Performance of Pulse CFLD

Сгор	*Econ	omics of dem	onstration (R	*Economics of check (Rs./ha)				
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Lentil	25500	65177	39677	2.56	24500	51750	27250	2.10

Frontline demonstration on pulse crops 2021

				N. 6	A			%		
Crop	Thematic	Technology	Variety	No. of Formors	Area (ba)		Demo			Increase
	Alta	uemonsti ateu		r ar mer s	(114)	High	Low	Average	Check	in yield
Urd	ICM	Use of improved var.	PU-31	25	10	10.53	9.71	10.12	8.03	26.45

Economic Performance of Pulse CFLD

Сгор	*Econ	omics of dem	onstration (R	*Economics of check (Rs./ha)				
	Gross	Gross	Net	**	Gross	Gross	Net	**
	Cost	Return	Return	BCR	Cost	Return	Return	BCR
Urd	22545	63925	41380	2.84	22200	50643	28443	2.28

Details of Enterprises (Live Stock)

FLD on Livestock RABI- 2020-21

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Milk Produ Body wei	ction lt/day/ ight (gm)	% Increase
		demonstrated		Poultry/ Birds, etc)	Demo.	F.P.	
Buffaloes	Disease Management	Use of	05	05	4.85-	4.55-	Milk production
		Ivermectin Inj.			5.10	4.20	Ivermectin Inj.
Buffaloes	Nutrition /Feed	Use of calcium +	05	05	4.95-	4.60-	Milk production
	management	Phosphorus and vit. D_3			5.55	4.20	increased 21.80%
Chicken	Nutrition /Feed	Use of vitamin	05	05	2170 gm	2000gm	Body weight improved
(Broiler)	management	& mineral			Body weight	Body weight	8.50 % & mortality reduced 3.65 %
		mixture			1.15%	4.80%	100000 5.05 /0
					mortality	mortality	

Category	Other	parameter	Economics of demonstration (Rs.)					Economics of check (Rs.)				
	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)		
Buffaloes	5.10 lt	4.20 lt	89.5/day	149.6 /day	63.1/day	1.70	88/day	131.6 /day	46.6/day	1.53		
Buffaloes	5.55 lt	4.20 lt	96/day	161.9/ day	73.9/day	1.76	93/day	131.60 /day	38.6/day	1.42		
Chicken (Broiler)	2170 gm B.W	2000gm B. W.	3.10/day	4.10/day	1.0/day	1.16	2.80/day	3.15/day	0.35/day	1.13		

Technical Feedback

- 1. Use of Ivermectin Injection is much effective and safe to the animals because it works for endo-ecto parasite both and farmers are ready to accept this techniques to remove endo-ecto parasite from the animal body.
- 2. After using Calcium + phosphorus and Vit. D_3 , the milk production increased by 21.80 % and its also increases lactation length and reduces infertility in animals.
- **3.** Using of vitamins and minerals in broiler chicken, its increased body weight 8.50 % and reduces mortality 3.65 % and also solving the leg deformities in the chicken.

FLD on Livestock KHARIF - 2021

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Milk Produ Body wei	ction lt/day/ ight (gm)	% Increase
		demonstrated		Poultry/ Birds, etc)	Demo.	F.P.	
Buffaloes	Disease Management	Use of Ivermectin Inj.	05	05	4.55- 5.00	4.60- 4.10	Milk production increased 20.75% by Ivermectin Ini.
Buffaloes	Nutrition /Feed management	Use of calcium + Phosphorus and vit. D ₃	05	05	4.82- 5.50	4.55- 4.30	Milk production increased 19.59%
Chicken (Broiler)	Nutrition /Feed management	Use of vitamin & mineral mixture	05	05	2300 gm Body weight 1.15% mortality	2100gm Body weight 4.80% mortality	Body weight improved 8.70 % & mortality reduced 6.23 %

Category	Other	parameter	Economics of demonstration (Rs.)				Economics of check (Rs.)				
	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)	
Buffaloes	5.00 lt	4.10 lt	110/day	175 /day	65/day	1.59	100/day	140 /day	40/day	1.53	
Buffaloes	5.50 lt	4.30 lt	130/day	185/ day	55/day	1.42	115/day	130 /day	38.6/day	1.42	
Chicken (Broiler)	2300 gm B.W.	2100gm B.W.	3.50/day	4.10/day	0.60/day	1.71	2.75/day	3.10/day	0.35/day	1.13	

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during **2020-21**)

	Technology Hybrid No of Area Yield (q/ha)		(q/ha)		%	Economics of demonstration (Rs./ha)							
Crop	demonstrated	Variety	Farmers	(ha)		Demo			Increase	Gross	Gross	Net	BCR
		,			High	Low	Average	Check	in yield	Cost	Return	Return	(R/C)
Oilseed cro	ор												
Pulse crop	1												
Cereal cro	p												
Vegetable	crop												
Chilli	Varietal	HYVVGE- 078	10	4.0	370.24	353.68	360.40	281.05	28.27	79000	360397	281397	4.56
Potato	Late blight management	K.Chipsona- 1	10	4.0	370.23	352.45	359.22	280.75	28.04	68050	323294	255244	4.75
Fruit crop	• •												

III. Training Programme(Jan 2021 to December 2021)

Farmers' Training including sponsored training programmes

A) On Campus

	No. of			No.	of particip	ants		
Thematic Area	INU. OI		Others			SC/ST*		Grand
	courses	Male	Female	Total	Male	Female	Total	Total
A) Farmers & Farm Won	nen							
Plant Protection								
IPM	02	13	-	13	27	-	27	40
IDM	02	37	-	37	03	-	03	40
Animal Science								
Animal Nutrition	03	54	-	54	06	-	06	60
management								
Disease management	01	20	-	20	-	-	-	20
Horticulture								
Production Management technology	01	17	-	17	03	-	03	20
Production Management technology on Medicinal Plant	01	20	-	20	-	-	-	20
Propagation techniques of Ornamental Plants	01	20	-	20	-	-	-	20
Total	11	181	-	181	39	-	39	220

B) Off Campus

	No. of	No. of participants								
Thematic Area			Others			SC/ST		Grand		
	courses	Male	Female	Total	Male	Female	Total	Total		
B) Farmers & Farm										
Women										
A) Farmers & Farm Wo	men									
Plant Protection										
IPM	11	46	-	46	160	14	174	220		
IDM	01	-	-	-	20	-	20	20		
Animal Science										
Feed management	04	72	-	72	08	-	08	80		
Dairy management	02	36	-	36	04	-	04	40		
Management of farm animals	02	37	-	37	03	-	03	40		
Disease management	04	73	-	73	07	-	07	80		
Horticulture										
Production	01	20	-	20	-	-	-	20		
Management										
technology of flowers										
Production	02	40	-	40	-	-	-	40		
Management										
technology of vegetable										
Production mgt. of	01	20	-	20	-	-	-	20		
MAP										
Packaging and transport	01	15	-	15	05	-	05	20		
Nursery raising	03	55	-	55	05	-	05	60		
Mulching in fruits	01	20	-	20	-	-	-	20		
Crop regulation	01	20	-	20	-	-	-	20		
Layout and	01	20	-	20	-	-	-	20		
management of orchard										
Off season vegetables	01	20	-	20	-	-	-	20		
Machan cultivation	01	10	-	10	10	-	10	20		
TOTAL	37	504		504	222	14	236	740		

B. RURAL YOUTH

		No. of participants								
Thomatic Area	No. of		Others			SC/ST		Grand		
Thematic Alea	courses	Mala	Femal	Total	Mala	Femal	Total	Total		
		whate	e	Total	Male	e	Total	Total		
Plant Protection										
Bee Keeping	02	20	-	20	10	-	10	20		
Animal Science										
Dairying	02	20	-	20	-	-	-	20		
Horticulture										
Nursery mgt. of horticultural	01	10	-	10	-	-	-	10		
crops										
Commercial Flower	01	10	-	10	-	-	-	10		
Production										
TOTAL	06	60	-	60	10	-	10	60		

C. EXTENSION FUNCTIONARIES

	No of		No. of participants									
Thematic Area			Others			SC/ST		Grand				
	courses	Male	Female	Total	Male	Female	Total	Total				
Plant Protection												
IPM	01	10		10	-	-	-	10				
Animal Science												
Management in farm	01	10	-	10	-	-	-	10				
animals												
Horticulture					-	-	-					
Low Volume and high	01	10	-	10	-	-	-	10				
value vegetable												
production												
Total	03	30	-	30	-	-	-	30				
13 59	59) 18	57 14	1 2	01	260	11					

CONSOLIDATED ON & OFF

A)

	No of		No. of participants								
Thematic Area			Others			Grand					
	courses	Male	Female	Total	Male	Female	Total	Total			
B) Farmers & Farm											
Women											
A) Farmers & Farm Wo	men										
Plant Protection											
IPM	13	59	-	59	201	-	201	260			
IDM	03	37	-	37	23	-	23	60			
Animal Science											
Animal Nutrition	07	126		126	14		14	140			
management	07	120		120	14	-	14	140			

Dairy management	02	36	-	36	04	-	04	40
Management of farm animals	02	37	-	37	03	-	03	40
Disease management	05	93	-	93	07	-	07	100
Horticulture								
Production Management technology	01	17	-	17	03	-	03	20
Production Management	01	20	-	20	-	-	-	20
technology on Medicinal Plant								
Propagation techniques of Ornamental Plants	01	20	-	20	-	-	-	20
Production Management technology of flowers	01	20	-	20	-	-	-	20
Production Management technology of vegetable	02	40	-	40	-	-	-	40
Production mgt. of MAP	01	20	-	20	-	-	-	20
Packaging and transport	01	15	-	15	05	-	05	20
Nursery raising	03	55	-	55	05	-	05	60
Mulching in fruits	01	20	-	20	-	-	-	20
Crop regulation	01	20	-	20	-	-	-	20
Layout and management of orchard	01	20	-	20	-	-	-	20
Off season vegetables	01	20	-	20	_	-	_	20
Machan cultivation	01	10	-	10	10	-	10	20
TOTAL	48	685	-	685	275	-	275	960

B. RURAL YOUTH

	No. of	No. of participants									
Thematic Area			Others			SC/ST		Grand			
	courses	Male	Female	Total	Male	Female	Total	Total			
Plant Protection											
Bee Keeping	02	10	-	10	10	-	10	20			
Mushroom	01	08	-	08	02	-	02	10			
Animal Science											
Dairying	03	30	-	30	-	-	-	30			
Horticulture											
Nursery mgt. of horticultural	01	10	-	10	-	-	-	10			
crops											
Commercial Flower	01	10	-	10	-	-	-	10			
Production											
TOTAL	08	68	-	68	12	-	12	80			

C. EXTENSION FUNCTIONARIES

No. of		No. of participants									
		Others			SC/ST		Grand				
courses	Male	Female	Total	Male	Female	Total	Total				
02	20		20	-	-	-	20				
02	20	-	20	-	-	-	20				
				-	-	-					
02	20	-	20	-	-	-	20				
06	60	-	60	-	-	-	60				
	No. of courses 02 02 02 02 02 02 02	No. of courses	No. of courses Others Male Female 02 20 02 20 02 20 02 20 02 20 02 20 02 20 02 20 02 20 02 20 02 60 02 20	No. of coursesNo.MaleFemaleTotal0220200220200220-0220-0220-0220-0220-0220-0260-0660-	No. of particNo. of coursesNo. of particMaleFemaleTotalMale022020-0220-200220-200220-200220-200220-200220-200260-600660-60	No. of participantsNo. of coursesOthersSC/STMaleFemaleTotalMaleFemale02202002200220-200220-200220-200220-200260-60	No. of participantsNo. of coursesOthersSC/STMaleFemaleTotalMaleFemaleTotal02202002200220-200220-200220-200260-600660-60				

Table. Sponsored training programmes

	No. of Courses	No. of Participants								
Area of training General SC/ST G			Grand Total							
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and										
management										
Production technology of crops										
Production technology of vegetable	01	50	-	50	-	-	-	50	-	50
Use of weedicide in Pulses and	01	50	-	50	-	-	-	50	-	50
oilseeds crops	01	20						20		20
Production technology of fruit	01	50	-	50	-	-	-	50	-	50
Commercial production of										
vegetables										
Production and value addition										
Fruit Plants	01	50	-	50	-	-	-	50	-	50
Ornamental plants	01	50	-	50	-	-	-	50	-	50
Spices crops	01	50	-	50	-	-	-	50	-	50
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										
Others (pl. specify)										
Total										
Home Science										

Household nutritional security						
Drudgery reduction of women						
Others (pl. specify)						
Total						
Agricultural Extension						
Capacity Building and Group						
Dynamics						
Others (pl. specify)						
Total						
GRAND TOTAL	06					300

IV . Extension Programme

Activities	No. of	No. of farmers	No. of Extension Personnel	TOTAL
Advisory services	560	560	-	560
Diagnostic visits	86	258	-	258
Exposure visit	02	100	-	100
Group discussions	06	288	-	288
Kisan gosthi	05	448	-	448
Kisan Mela	01	286		286
Film Show	08	460	-	460
Scientists' visit to farmers	86	258	-	258
field				
Farmers visit to KVK	476	476	-	476
Special day celebration	05	196	-	196
FTT	01	50	-	50
World Honey Bee Day	01	34	-	34
Total	1237	3414		3414

Details of other extension programmes 1237

Particulars	Number
Electronic media	-
Extension literature	06
News paper coverage	34
Technical articles	-
Technical bulletins	-
Technical reports	-
Radio talks	05
TV talks	-
Total	45

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

Сгор	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers	No. of KVKs
Cereals	Wheat	WH-1105, DBW-187	FS	424.25	848500.00	NSC	
	Urd	Shakhar-2	FS	10.10	62620.00		
Total				434.35	911120.00		

Production of seeds/Commercial by the KVKs

Production of planting materials by the KVKs

Сгор	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers	No. of KVKs
Ornamental plants							01
Fodder	Napier grass			2000	-	-	
Seasonal Flowers Seedlings	Calendula Nastertium Holyhock Petunia Dogflower Ice plant Sweet William Sweet Allysum Dimorphotheca Conflower Paper flower Cineraria Mari gold			7500	-	Distributed to Primary schools & BRCs & CDO office and other line deptt.	
Bael		Commercial			6800.00-	Auction	
Aonla		Commercial			28800.00	Auction	
Total				9500	35600.00		

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of KVKs
Soil & water					

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Badaun	09.12.2021

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number	
Research Paper	02	
Technical bulletins		
Technical reports	05	
Others (pl. specify)		

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

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

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

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	10.00	25
Pulses	20.00	50
Cereals		
Vegetable crops		
Tuber crops		
Total	30	75

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 d	ays	Farmers fa	air	Exhibition		Film sl	10W
	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of
		farmers		farmers		farmers		farmers		farmers		farmers
	02	50	05	435	01	72	01	276			18	435
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
S.V.P.U.A.&T		02	40	08
Total				

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

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT) Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

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

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome Impact

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE (2021)

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 (Jan 2021 to June 2021)

S. No	Purpose of visit	Number of farmer's visited
01	Technology Information	100
02	Technology Products	
03	Others if any pl. specify	

C. Facilities in the ATIC which are in operation

S. No	Particulars	Availability (Please \sqrt{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 (Jan 2021 to Dec 2021)

S.	Information	Number	Total		Category of information					
No	category	of	number			·				
		ATICs	of							
			farmers							
			benefitted		I	I	I	I	I	
				Varieties	Pest	Disease	Agro-	Soil and	Post	Animal
				/ hybrids	management	management	techniques	water	Harvest	Husbandry
								conservation	technology	and fight series
									and value	fisheries
01	Kisan Call								autition	
01	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)(Jan 2021 to Dec 2021)

S. No	Particulars	Number sold	Revenue generated in	Number of farmers
			Rs.	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 (Jan – December 2021)

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

F. Technology services provided (Jan –December 2021)

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(Jan - December 2021)

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

S.	Name of the	Name of the Director	Number of KVKs for which technological backstopping							
No	SAU	of Extension	is provided							
			SAU/CAU	DU	ICAR	NGO	SDA	Others (pl.		
								specify)		
	S.V.P.U.A&T.,	Dr. S.K. Sachan								
	Meerut									

B. Workshops / meetings organized during Jan -June 2021

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

C. Visits made by DE / Officials in the Directorate to KVKs during Jan -December 2021

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

D. Overseeing of KVKs activities during Jan – December 2021

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

E. Publication on Technology inventory during Jan – December 2021

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

F. Technological Products provided to KVKs during Jan – December 2021

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 .	Name of QP/Job	Duration	No. of		No. of Participants					
No.	role	(hrs)	Courses	SC	SCs/STs		hers	rs Total		TOTAL
			Organised	Male	Female	Male	Female	Male	Female	
1	Agriculture									
	Extension	200								
	Service Provider									
2	Agriculture	200								
	Machinery									

	Domonstrator		 				[
3	Agriculture	• • • •					
	Machinery	200					
	Operator						
4	Agriculture						
	Machinerv						
	Repair and	200					
	Maintenance	_00					
	Sonuico Providor						
_	Service Provider		 				
5	Animal Health	300					
	Worker	000	 				
6	Aquaculture	200					
	Technician	200					
7	Aquaculture		 				
	Worker	200					
Q			 l	l	l	 	 l
0	Tochnician	200					
9	Artificial						
	Insemination	400					
	Technician						
10	Assistant	200					
	Gardener	200					
11	Beekeeper	200	 				
12	Brackwishwater		 				
12	$\Delta quaculture$	210					
	Former	210					
10			 			 	
13	Broiler Farm	200					
	Worker		 ļ		ļ	 	
14	Citrus Fruit	200					
	Grower	200					
15	Community	200					
	Service Provider	200					
16	Dairy Farmer -		 				
10	Entrepreneur	200					
17	Eich Cood		 			 	
17	FISH Seed	210					
10	Grower		 			 	
18	Floriculturist -	200					
	Open cultivation		 				
19	Floriculturist -						
	Protected	200					
	cultivation						
20	Forest Nurserv	e ~ ~	 			 	
	Raiser	200					
) 1	Freshwater		 				
<u></u>		200					
	Aquaculture	200					
	Farmer		 		 	 	
22	Friends of	200					
	Coconut Tree	200					

23	Greenhouse Operator	200						
24	Group Farming	200		 		<u>.</u>	 	
	Practitioner							
25	Harvesting							
	Machine	200						
	Operator							
26	Uataborn					ļ	 	
20	(T: 1)							
	(Fishery)	200						
	Production							
	Worker							
27	Layer Farm	200						
	Worker	200						
28	Mango Grower	200					 	
20	Madicipal Dianta	200					 	
27		200						
	Cultivator				<u> </u>	ļ	 	
30	Micro Irrigation	200						
	Technician	200				.	 	
31	Mushroom	200					 	
	Grower	200						
32	Nursery Worker	200					 	
22	Organia Crowor	200					 	
33		200				 	 	
34	Ornamental Fish	200						
	Technician							
35	Packhouse	200						
	Worker	200						
36	Ouality Seed						 	
	Grower	200						
27	Sood Proceeding						 	
57	Dlagt Tarlasisian	200						
	Plant Technician	• • • •					 	
38	Sericulturist	200					 	
39	Service and							
	Maintenance	205						
	Technician-Farm	205						
	Machinerv							
40	Shrimp Farmer	240						
41	Small poultry	_ = = = =			<u> </u>	<u> </u>	 	
**	farmer	240						
10	Soil & Mator							
44		240						
	Lesting Lab	240						
	Analyst			 		ļ	 	
43	Soil & Water							
	Testing Lab	200						
	Assistant							
44	Supply Chain			İ		İ	 	
	Field Assistant	200						
15	Too Plantation						 	
43	rea Flantation	200						
1	Worker							

46	Tractor Operator	200				
47	Vermicompost	200				
	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.	Name of IEC activity	No. of activities	No. of Participants
No.			
	Kisan Melas organized	01	286
	Awareness programmes conducted at		
	Village Panchayat/ Block/ District Level		
	Mobilization of schools and colleges		
	through essay completion, painting,		
	debate etc.		
	Demonstration conducted (ha)		
	Training Programmes conducted		
	Exposure visits organized	02	100
	Field / harvest days organized		
	Total	03	386

b) Other IEC activities organized under CRM Project by KVKs

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

3) Achievement of TSP (Tribal Sub Plan)

Fai Trai	Farmer Women Training Farmer Training		omen rmer ining	Rur You	al ths	Extension Personnel		N	lumb farm invol	er of ers ved	s in ivities	f seed	ı of terial lakh)	l of rains	ı of umber	soil, nt, nples
No. of Trainings/De	No. of Farmers	No. of Trainings/De	No. of Women Farmers	No. of Trainings/De	No. of Youths	No. of Trainings/De	No. of Ext. Person	On-farm	Frontline	Mobile agro- advisory to farmers	Participant extension acti	Production of	Production Planting mat (Number in]	Production Livestock str (Number in	Production fingerlings (N	Testing of S water, plar manures sam
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								ļ								

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

Number of Adopted	No. of Ac	tivities	No. of farmers benefited				
Villages	Demo	Training	Demo	Training			

5) Achievements of SCSP KVKs

Fa Tra	Farmer Women Training Farmer Training		Rı Yo	ural uths	Extension Personnel		Num	ber of f involve	armers ed	in vities	eed (q)	of erial	of ains akh)	of imber	water, res	
No. of Trainings/Dem	No. of Farmers	No. of Trainings/Dem	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	Participants extension activ (No.)	Production of se	Production Planting mate	Production Livestock str (Number in L	Production fingerlings (Nu in lakh)	Testing of Soil, plant, manu
	<u>.</u>			<u> </u>												

 	 	 		 			/*************************************	
 	 	 		 	 		 ······································	

6) Achievement under IFS KVKs

Sl. No.	Component Name	No. of Components	Area (ha)	Nun Act	nber of ivities	No. of farmers benefited		
		established		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		Lives	tock & P	oultry	IFS N	Aodel	Extension Activities	
Demo n.	No Farm Famili es	Demo n.	No Farm Famili es	Demon	No Farm Famili es	Demo n.	No Farm Famili es	No of Anim als	Demo n.	No Farm Famili es	No. of prog	Farmer s

9) Activities performed under NARI programme

Table-9.1: Details of activities performed under NARI programme

Nutritio	utritional Garden Bio-fortified crops		fied crops	Value addition		Training programmes		Extension activities	
No of Establi shed	No. of farmers/ beneficia ries	No of activity	No. of farmers/ beneficia ries	No of activity	No. of farmers/ beneficia ries	No of acti vity	No. of farmers / benefici aries	No of activity	No. of farmers/ beneficiaries

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

Category Bio Fortified Variety Area (ha) No of	Area (ha) No of
--	-----------------

	Crop	Beneficiaries
Cereal	Maize	
	Rice	
	Wheat	
Millet	Finger millet	
	Pearlmillet	
	Sorghum	
Oilseed	Groundnut	
	Mustard	
Pulses	Lentil	
	Lathyras	
Vegetable	Cauliflower	
Tuber	Sweet Potato	
Total		

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

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

11) Achievements under NICRA Project

NRM Crop production		roduction	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
3		8			XXX				·····	

12) Achievements under ARYA Project

Name of entrepreneurial	No. of entrepreneurial	No. of Training	No. of No. of rur raining train		No. of youth established units	
units	units established	programs organised	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				Distributed	Distributed to No. of farmers		
	Name of Pulse crop	Variety	Category of seed				
			Target (q)	Area sown (ha)	(F/S, C/S)		
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						
	Lentil						
Total (Rabi)							

Summer	Black gram		
Total (Summer)			
Grand Total			

15) NEMA (New Extension Methodologies and Approaches)

Name of Crop with variety	No. of districts	No. of Villag es selecte d	No. of Blocks	No. of hou	sehold 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	No. of persons
		Programmes	paticipated
1	Toilet maintenance		
2	Road, drain cleaning		
3	Garbage disposal	02	12
4	Door to door awareness		

5	Awareness campaign	05	86
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans		
10	Composting		
11	Other		
12			
13			

19) Achievements under Aspirational District Scheme

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

XVI Awards

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

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

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