ANNUAL REPORT (JANUARY- DECEMBER 2021)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	58	946	295	1241
Rural youths	0	0	0	0
Extension functionaries	17	210	40	250
Sponsored Training	0	0	0	0
Vocational Training	0	0	0	0
Total	**75**	**1156**	**335**	**1491**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds			
Pulses			
Cereals	10	4.0	
Vegetables	20	6.0	
Other crops	10	0.40	
Hybrid crops			
Total	**40**	**10.40**	
Livestock & Fisheries	35	-	70
Other enterprises	10	0.02	
Total	**45**	**0.02**	**70**
Grand Total	**85**	**10.42**	**70**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	1	5	5
Livestock	1	5	5
Various enterprises	1	5	5
Total	**3**	**15**	**15**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**3**	**15**	**15**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	74	6098
Other extension activities	28	Mass
Total	**102**	**6098**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Rampur	Text only							
	Voice only	63	87			29	17	196
	Voice & Text both							
	Total Messages	**63**	**87**			**29**	**17**	**196**
	Total farmers Benefitted	**109**	**483**			**217**	**482**	**1291**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	**452.10**	**791420.00**
Planting material (No.)		
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	0	0
Water		
Plant		
Total	**0**	**0**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	05
2	Conferences	04
3	Meetings	06
4	Trainings for KVK officials	05
5	Visits of KVK officials	03
6	Book published	0
7	Training Manual	0
8	Book chapters	0
9	Research papers	03
10	Lead papers	0
11	Seminar papers	0
12	Extension folder	06
13	Proceedings	0
14	Award & recognition	0
15	On going research projects	0

DETAIL REPORT OF APR- JANUARY TO DECEMBER 2021

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
Krishi Vigyan Kendra, Dhamora-Rampur (U.P.)	Office	FAX	rampurkvk@gmail.com
	05960-296520	05960-296520	

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

Address	Telephone		E mail
	Office	FAX	
Sardar Vallabhbhai Patel University of Ag. & tech., Meerut (U.P.)	0121-2411511	0121-2411540	deesuvpuat2014@gmail.com

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

Name	Telephone/Contact		
	Residence	Mobile	E-mail
Dr. Faiz Mohsin	-	9719244864	drfaizmohsin@gmail.com

1.4. Year of sanction : 1992

1.5. Staff Position (as on 31thDecember, 2021)

Sl. No.	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	Programme Coordinator	Dr. Faiz Mohsin	Professor & Incharge	Agro Forestry	Column(14)	188200	05.07.1996	Permanent	Gen	9719244864	54	drfaizmohsin@gmail.com
2	Subject Matter Specialist	Dr. Manoj Singh	SMS /Asstt.Prof.	Animal Sc.	Column(12)	98200	23.06.2008	Permanent	Gen	9897494833	43	singhmanoj_21@rediffmail.com
3	Subject Matter Specialist	Dr. Suneeta Pant	SMS /Asstt.Prof.	Home Sc.	Column(11)	95400	23.06.2008	Permanent	Gen	9412048417	54	suneetapt@gmail.com
4	Subject Matter Specialist	Dr. Narendra Singh	SMS /Asstt.Prof.	Agronomy	Column(11)	92600	15.01.2009	Permanent	Gen	9457168051	45	gnarendra1976@gmail.com
5	Programme Assistant	Dr. R.N.Singh	Trg. Asstt.	Fisheries	Column (8)	87700	18.02.1995	Permanent	OBC	9411037240	54	rnsingh14545@yahoo.com
6	Computer Programmer	Bhagwan Singh Negi	Prog. Asstt./ Computer Programmer	Computer	Column (7)	55200	18.08.2007	Permanent	Gen	9453381682	49	bsnegi.05@gmail.com
7	Farm Manager	Dr. Ramashray Yadav	Prog. Asstt./ Farm Manager	Plant Breeding	Column (7)	53600	22.07.2008	Permanent	OBC	9412365795	51	ramashrayyadav95@gmail.com
8	Accountant / Superintendent	Sh. Seva Ram	Office Supdt Cum Acctt.	-	Column (8)	70000	18.09.2000	Permanent	OBC	9457046522	49	sevaramsvp@gmail.com
9	Stenographer	Mohd. Irtaza Khan	Jr. Clerk	-	Column (5)	41600	05.05.2000	Permanent	Gen	9412668048	47	bittuirtazakhan@gmail.com
10	Driver	Sandeep Kumar	Driver		Column (4)	32300	30.07.2007	Permanent	SC	9412833537	40	-
11	Supporting staff	Sh. Rajveer Singh	Security guard	-	Column (4)	35300	25.04.1997	Permanent	OBC	7409808114	59	-
12	Supporting staff	Sh Vinod Kumar	Attendant	-	Column (1)	24900	22.11.2010	Permanent	SC	9760671748	45	-

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	1.012
2.	Under Demonstration Units	0.300
3.	Under Crops	8.540
4.	Orchard/Agro-forestry	2.140
5.	Others (Irrigation channels, Chuck Road, bunds etc.)	0.821
	Total	**12.813**

1.7. Infrastructural Development:

A) Buildings

SN	Name of building	Source of funding	Stage		
			Complete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)
1.	Administrative Building	ICAR	1997	550.00	-
2.	Farmers Hostel	ICAR	2008	298.12	1643000.00
3.	Staff Quarters (6)	ICAR	-	440.00	2669800.00
4.	Demonstration Units (2)	ICAR	-	160.00	1105837.00
5	Compound wall/ Fencing	ICAR	-	1000 R/M	1922000.00
6	Rain Water harvesting system	-	-	-	-
7	Threshing floor	ICAR	-	300.00	225000.00
8	Farm godown	ICAR	-	60.00	362671.00
9	Irrigation Channel	ICAR	-	1200 R/M	991440.00
10	Soil testing lab	ICAR	-	65.50	300000.00

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor Sonalika	March 2017	520863.00	470 hrs.	Working
Bolero Jeep	2 July 2009	507000.00	148153	Working
Bicycle	20.11.2003	1500.00	-	Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
O.H. Projector	Transferred from Pantnagar on 05.09.1995	-	Not Working
Slide Projector	Transferred from Pantnagar on 05.09.1995	-	Not Working
Panasonic LCD multimedia projector with SD memory card reader	30.03.2007	68125.00	Working Condition
Camera hot shot	Transferred from Pantnagar on 05.09.1995	-	Not working
Sony Digital camera	31.03.2004	15300.00	Not working
Sony Digital camera	25-03-2014	10450.00	In working order

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	**01.11.2021**	1. Dr. N.S. Rana, Dean Agriculture, SVPUA&T, Meerut, Chairman 2. Dr. Gopal Singh , J.D.E. SVPUA&T, Meerut 3. Dr. Faiz Mohsin, OIC/Secretary 4. Dr. K.G.Yadav, Asstt. Prof. Hort., SVPUA&T, Meerut 5. Sh. Narendra Pal, DDAG, Rampur 6. Sh. Kamelsh Kumar, OIC, Training Center, Rampur 7. Sh. Prakash Veer, Cane Dept. Rampur 8. Dr. Josh Kumar, VO, Dhamora 9. Dr. Ashok Kumar, Dy. CVO, Milak 10. Sh. Jograj Singh, Member 11. Sh.Devendra Kumar, Member 12. Kailash Chand, SMS, Agri. Dept. 13. Dr. Pushpa Shrama, Member 14. Sh. Malikhan Singh, Member	Details enclosed	

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.	Agriculture- Horticulture
2.	Agriculture- Dairying
3.	Agriculture- Goat rearing
4.	Agriculture- Poultry
5.	Poultry
6.	Fishery
7.	Bee keeping
8.	Horticulture
9.	Agro forestry

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

SN	Agro-climatic Zone	Characteristics	Agro ecological situation	Characteristics

1	Mid western plain zone	The soils are coarse to medium in texture, neutral to slightly alkaline in nature. Moderately well drained, consistently deep and neutral to slightly alkaline in nature. Climate are the zone in general to subtropical mansoon type. The rain fall in distt,. rampur varies from 600 mm to 965 mm. About 77% area of the distt,. is irrigated and rest 23% area is un irrigated. The crop of the zone are rice, urd , wheat s, toria , sugarcane, lentil and mentha. Tha max temp of the distt. varies form 42 to 44^{o}C and min 1 to 6^{o}C.	AES-I	The soils are low to medium in available phosphorus, medium to high in organic carbon. Bilaspur and Suar tehsils area falls under this AES. The major crops grown are paddy, wheat, sugarcane, toria, mentha, sunflower etc.
2			AES-II	The soils are low to medium in available phosphorus and organic carbon. Shahabad, Sadar, Tanda and Milak tehsil area falls under this AES. The major crops grown are paddy, wheat, sugarcane, toria, lentil , mentha etc.

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha.
1	Silt clay loam	-	25
2	Loam and Sandy loam	-	55
3	Loamy Sand	-	15
4	Sandy Soil	-	4

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

S. No	Crop	Area (ha)	Production (m.t.)	Productivity (Qt /ha)
1	Rice	116154	260766	22.40
2	Wheat	148645	486069	32.00
3	Barley	29	66	22.00
4	Jawar	602	574	0.95
5	Bajra	3394	2746	0.81
6	Maize	485	724	10.40
	Total Cereals	269309	750945	88.56
7	Urd	4964	5848	11.70
8	Moong	14	02	0.14
9	Lentil	-	-	-
10	Gram	-	-	-
11	Pea	1242	1594	12.80
12	Arahar	52	72	13.84
Total Pulses		6272	7516	38.48
Total Food Grains		275581	758461	127.04
13	Mustard	4125	4426	10.70
14	Til	11	01	0.09
15	Soyabean	68	72	10.50
Total Oilseeds		4204	4499	21.29

Source of information: Kharif/Rabi karyashala, Krishi Vibhag Uttar Pradesh

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0}C		Relative Humidity (%)
Jan., 2021	28.0	**Maximum**	**Minimum**	72

Feb., 2021	44.1			64
Mar., 2021	31.3			49
Apr., 2021	19.0			32
May., 2021	30.0			40
Jun., 2021	161.2			56
July., 2021	393.7			81
Aug., 2021	344.3			84
Sept., 2021	214.1			81
Oct., 2021	37.3			67
Nov., 2021	4.2			61
Dec., 2021	15.6			67

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

Category	Population	Production	Productivity
Cattle			
Crossbred	29585	-	-
Indigenous	101510	-	-
Buffalo	348998	-	-
Category	Area (ha)	Production	Productivity
Fish	360.636	-	26 q/ha

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.	Sadar	Chamroua	Daniapur Shankarpur	Paddy	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management
				Wheat	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management
				Urd	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Toria	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Mentha	Low yield	Integrated Pest Management Replacement of variety
				Mango	Low yield	Poor management
				Poplar	Low growth	Integrated Pest Management Scientific planting technique
				Cattle	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and

						abdominal worms
				Buffalo	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals • Control of Animal Disease and abdominal worms
2.	Milak	Milak	Ashokpur	Paddy	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management • Seed production
				Wheat	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Seed production
				Urd	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Toria	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Mentha	Low yield	Integrated Pest Management Replacement of variety
				Mango	Low yield	Poor management
				Poplar	Low growth	Non adoption of scientific planting methods and plant protection measures
				Cattle	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
				Buffalo	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals • Control of Animal Disease and abdominal worms
3.	Milak	Milak	Loha Patti Bhagirath	Paddy	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management • Water management
				Wheat	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management
				Urd	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Toria	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Mentha	Low yield	Integrated Pest Management Replacement of variety

				Mango	Low yield	Poor management
				Poplar	Low growth	Non adoption of scientific planting methods and plant protection measures
				Cattle	Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
				Buffalo	Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice	Integrated Nutrient Management
Rice	Integrated Pest Management
Rice	Weed management
Rice	Water management
Rice	Seed production
wheat	Integrated Nutrient Management
Wheat	Integrated Pest Management
Wheat	Weed management
Wheat	Seed production
Urd(Black Gram)	Integrated pest management
Urd(Black Gram	Replacement of variety
Lentil	Integrated pest management
Lentil	Replacement of variety
Mustard	Integrated Nutrient Management
Mustard	Integrated Pest Management
Mustard	Replacement of variety
Toria	Integrated Nutrient Management
Toria	Integrated Pest Management
Toria	Replacement of variety
Mentha	Integrated Pest Management
Mentha	Integrated Nutrient Management
Mentha	Replacement of variety
Sugarcane	Integrated Pest Management
Sugarcane	Integrated Nutrient Management

Small scale entrepreneur	Mushroom production
Small scale entrepreneur	Bee keeping
Live stock	Management and balanced feeding of farm animals
Live stock	Green fodder production
Live stock	Supplementation of mineral mixture and salt in feed
Live stock	Control of Animal Disease and abdominal worms
Live stock	Backyard poultry farming
Fisheries	Availability of quality fish seed for stocking
Fisheries	Nutritionally Balanced feed in fish culture.
Home Science	Balanced diet and nutrition management in human being
Home Science	Popularizing handicraft
Home Science	Drudgery reduction
Home Science	Value addition to food products

2.9 Intervention/ Programmes for the doubling the farmers income – January to December, 2021

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.							
Rice-yellow sarson+sugarcane-ratoon-wheat, buffalo-01	750	8	1200	130000.00	117000.00	1.9	

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.							
Rice-yellow sarson(PPS-01) + sugarcane(Trench Method) - ratoon-wheat, buffalo-01, Cow-01	910	15	1700	180000	229000	2.27	

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
08	03	45	15	60.2	6.02	195	75

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	70	58	700	1241	74	74	6000	6098
Rural youth	0	0						
Extn. Functionaries	15	17	150	250				
Other	0	0	0	0				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	454.10				

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				
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management	Veg. Pea	Biological control of root rot disease	05	05
Small Scale Income Generation Enterprises				
Weed Management				

Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			**05**	**05**

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	Buffalo	Mineral Mixture and Vetmat post calving Anostrus	05	05
Production and Management				
Others (Pl. specify)				
Total			**05**	**05**

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Value addition	Amla	Preservation and value addition	05	05
Total				
			05	**05**

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

PEST AND DISEASE MANAGEMENT

1- Problem definition: *Low yield of vegetable pea due to root rot disease*
Technology Assessed or Refined *: Biological control of root rot disease in vegetable pea (2020-21)*

Vegetable pea is an important rabi crop of U.P. However, there is high incidence of root rot disease in vegetable pea resulting in yield loss. Therefore, On Farm Trails at farmers field on five locations were conducted to control the root rot disease . The technology of soil application of Trichoderma powder @ 2.5kg/ha and Pseudomonas powder @ 2.5 kg/ha mixed with FYM reduced the percentage of disease incidence from 21.3 to 5.9 as well as 5.1 percent and yield was increased by 31.2 as well as 33.3 per cent respectively.

Table: Effect of*Trichoderma powder* ***and*** *Pseudomonas powder* ***in control of root rot disease in Vegetable pea (Variety- Arkel)***

Technology Option	*No.of trials*	*Pest Incidence (%)*	*Yield (Qt/ha)*	*% Increase in yield over farmer's practice*	*C:B Ratio*
T1 = Farmers Practice (Use of Carbofuran 3G @ 20 Kg/ Ha)	*05*	*21.3*	*61.5*	-	*1:1.97*
T2 = soil application ofTrichoderma powder @ 2.5kg/ha		*5.9*	*80.7*	*31.2*	*1:2.78*
T3 = soil application of Pseudomonas powder @ 2.5 kg/ha		*5.1*	*82.0*	*33.3*	*1:2.84*

LIVESTOCK ENTERPRISES

3-Problem definition: *Low milk yield and infertility due to imbalance nutrients.*

Technology Assessed or Refined (as the case may be): *Effect of minrel mixture and vatmat inj on post calving anoestrous in buffalo.*

KVK, Rampur conducted trial to effect of mineral mixture and vetmate inj on post calving anoestrous in buffalo. Mineral mixture improves reproduction and reduce inter calving period leading to more productive life of animal.

Table:Urea molasses Minerals block supplementation on milk production and Reproductive performance.

Technology Option	***No.of trials***	***Average milk yield lit/day***	***% increase***	***Gross cost (Rs)***	***Gross Return (Rs)***	***BC Ratio***	***Conception Rate (%)***
T1- Use of choker and common salt (Farmers practice)	*5*	*6.0*	*-*	*150.0*	*240*	*1.60*	*20*
T2- Mineral Mixture 50g/animal for 60days+ vetmate Inj 2ml(72-96 hrs Befor AI)		*8.36*	*19.43*	*160.69*	*334.4*	*2.07*	*80*

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2019-20 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Wheat	IWM	Pendimethalin@3.3 lit/ha	Demonstration, Training and Gosthi	10	150	125.0
2	Wheat	IWM	Pendimethalin@3.3 lit/ha	Demonstration, Training and Gosthi	15	175	220.0
3	Paddy	IWM	Bispyriback sodium	Demonstration, Training and Gosthi	15	125	203.2
4	Paddy	IDM	Foliar spray of Propiconazole 25% EC for the management of sheath blight	Demonstration, Training and Gosthi	15	150	175.6
5	Paddy	IPM	Spray of buperofezin 25%Sc @300 ml/acra for the management of BPH	Demonstration, Training and Gosthi			
6	Mentha	IPM	Imidaclropid @ 180 ml/ha (Foliar spray)	Demonstration, Training and Gosthi	20	200	200.0
7	Tomato	IPM	Use of pheromone traps and spry of indoxacarb for the management of fruit borer	Demonstration, Training and Gosthi	13	198	213.6
8	Mango	IPM	Use of methyl eugenol traps for the management of fruit fly	Demonstration, Training and Gosthi	16	227	236.1
9	Reddish	Varietal Evaluation	Improving yield through HYV	Demonstration, Training and Gosthi	25	160	156.5

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

b. Details of FLDs implemented during **2021** (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	

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	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	23.10.19	25.03.20		
Wheat	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	23.10.19	25.03.20		
Sugarcane	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	25.10.19	25.04.20		
Pea	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	27.10.19	25.02.20		
Paddy	Kharif 2021	Irrigated	Sandy-loam	210	13	215	Wheat	22.06.20	25.10.20	-	-
Paddy											
	Kharif 2018	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	03.07.20	25.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Mentha	09.07.20	26.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	13.07.20	27.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Urd	11.07.20	29.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	05.07.20	29.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Mentha	09.07.20	25.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	10.07.20	28.10.20	-	-
Paddy											
	Kharif 2021	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	27.06.20	29.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	02.07.20	28.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	25.06.20	27.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	28.06.20	26.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Mentha	04.07.20	30.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	05.07.20	28.10.20	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	01.07.20	31.10.20	-	-
Tomato											
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Cucumber	18.11.19	29.03.20	-	-
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Cauliflower	16.11.19	31.03.20	-	-
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Coriander	12.11.19	02.04.20	-	-
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Reddish	14.11.19	05.04.20	-	-
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Okra	15.11.19	04.04.20	-	-

Technical Feedback on the demonstrated technologies

Technical Feedback on the demonstrated technologies

S. No	**Feed Back**

1	Opportunities to take intercropping, control of early stage of weeds.
2	Opportunities control of weeds after 15 days after sowing
3	Spray of Urea phosphate (water soluble fertilizer) increase the growth and reduce the maturity period and ultimately increase yield because in later stage temperature increases , the grain size of the crop shrinks

Farmers' reactions on specific technologies

S. No	**Feed Back**
1	Opportunities to take intercropping, control of early stage of weeds.
2	Opportunities control of weeds after 15 days after sowing
3	Vigorous growth and more yield.

Extension and Training activities under FLD

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

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum																		
Mustard																		
Toria																		
Linseed																		
Sunflower																		
Soybean																		

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

Frontline demonstration on pulse crops

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

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy																			
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat																			
Wheat Timely sown																			
	IDM	Control of yellow rust	10	4.0	56.3	50.2	53.55	43.92	21.9			38000	1050761	67761	1:1.78	37000	86742	49742	1:1.37
Wheat Late Sown																			
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			

Bajra																			
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			
Bittergourd																			
Cowpea																			
Spongegourd																			
Petha																			
Tomato																			
Roopali	IPM	Control of fruit borer	10	2.0	408.5	390.1	397.8	224.8	22.41			84000	556640	472640	1:5.62	80000	454720	374720	1:4.68
Frenchbean																			
Capsicum																			
Chilli																			
Brinjal																			
Vegetable pea																			
Softgourd																			
Okra																			

Colocasia (Arvi)																		
Broccoli																		
Cucumber																		
Onion																		
Coriender																		
Lettuce																		
Cabbage																		
Cauliflower																		
Elephant fruit																		
Flower crops																		
Marigold																		
Bela																		
Tuberose																		
Gladiolus																		
Fruit crops																		
Mango																		
Strawberry																		
Guava																		

Banana																			
Papaya																			
Muskmelon																			
Watermelon																			
Spices & condiments																			
Ginger																			
Garlic																			
Turmeric																			
Commercial Crops																			
Sugarcane																			
Potato																			
	Disease Management	Control of late blight disease	10	4.0	282.6	269.2	276.34	235.11	17.53			56000	165804	109804	1:1.96	35000	141066	87566	1:1.63
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			

Maize (F)																			
Lucern																			
Berseem																			
	Feed and Fodder	**BL-42**	**10**	**0.40**	Result Awaited														
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																	
	Nutrient management	Urea treatment of paddy straw	05	10	Result Awaited												
Buffalo Calf																	
	Disease management	Albendazol 30ml+ Livol 10 g/day for 10 days	30	60	5	60	55 Mortality reduce										
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																	
	Feed management	Fertilizer- Urea 50 kg/ha	10	10	Yield -35 q/ha	Yield- 30q/ha	16.66	-	-	155000	350000	195000	2.25	150000	300000	150000	2.0

* 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)
Vegetable seed	Nutritional security	Kitchen garden	10	10	Result Awaited												

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2021)**

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	02	20	0	20	0	0	0	20	0	20
Processing and value addition										
Others (pl specify)										
Total (d)	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
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	02	40	0	40	0	0	0	40	0	40
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)Inter cropping	01	20	0	20	0	0	0	20	0	20
Total (g)	**03**	**60**	**0**	**60**	**0**	**0**	**0**	**60**	**0**	**60**
GT (a-g)	**05**	**80**	**0**	**80**	**0**	**0**	**0**	**80**	**0**	**80**
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	01	40	0	40	0	0	0	40	0	40
Disease Management	03	93	0	93	7	0	7	100	0	100
Feed & fodder technology	02	80	0	80	0	0	0	80	0	80
Production of quality animal products										
Others (pl specify)										
Total	**06**	**213**	**0**	**213**	**07**	**0**	**07**	**220**	**0**	**220**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	0	20	20	0	0	0	0	20	20
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	03	0	45	45	0	15	15	0	60	60
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	**04**	**0**	**65**	**65**	**0**	**15**	**15**	**0**	**80**	**80**
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	02	34	0	34	02	0	02	36	0	36
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										

Total	**02**	**34**	**0**	**34**	**02**	**0**	**02**	**36**	**0**	**36**
VIII Fisheries										
Integrated fish farming	02	40	0	40	0	0	0	40	0	40
Carp breeding and hatchery management	02	40	0	40	0	0	0	40	0	40
Carp fry and fingerling rearing										
Composite fish culture	01	20	0	20	0	0	0	20	0	20
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)Disease management	01	20	0	20	0	0	0	20	0	20
Total	**06**	**120**	**0**	**120**	**0**	**0**	**0**	**120**	**0**	**120**
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 CapacityBuilding 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										
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	06	120	0	120	0	0	0	120	0	120
Processing and value addition										
Others (pl specify)										
Total (d)	**06**	**120**	**0**	**120**	**0**	**0**	**0**	**120**	**0**	**120**
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)Inter cropping , Species in water logged area, Identification of Populer Clon in different soil	03	60	0	60	0	0	0	60	0	60
Total (g)	**03**	**60**	**0**	**60**	**0**	**0**	**0**	**60**	**0**	**60**
GT (a-g)	**09**	**180**	**0**	**180**	**0**	**0**	**0**	**180**	**0**	**180**
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	01	16	0	16	04	0	04	20	0	20
Disease Management	02	29	0	29	21	0	21	40	0	40
Feed & fodder technology	01	20	0	20	0	0	0	20	0	20
Production of quality animal products	01	05	15	20	0	0	0	05	15	20
Others (pl specify)										
Total	**05**	**70**	**15**	**85**	**25**	**0**	**25**	**85**	**15**	**100**
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	04	0	80	80	0	0	0	0	80	80
Value addition	01	0	20	20	0	0	0	0	20	20
Women empowerment										
Location specific drudgery reduction technologies	03	0	60	60	0	0	0	0	60	60
Rural Crafts	01	0	20	20	0	0	0	0	20	20
Women and child care										
Others (pl specify) Family health care	01	0	20	20	0	0	0	0	20	20
Total	**10**	**0**	**200**	**200**	**0**	**0**	**0**	**0**	**200**	**200**
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	03	51	0	51	09	0	09	60	0	60
Integrated Disease Management	03	60	0	60	0	0	0	60	0	60
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify) Storage	01	15	0	15	0	0	0	15	0	15
Total	**07**	**126**	**0**	**126**	**09**	**0**	**09**	**135**	**0**	**135**
VIII Fisheries										
Integrated fish farming	01	20	0	20	0	0	0	20	0	20
Carp breeding and hatchery management										
Carp fry and fingerling rearing	02	40	0	40	0	0	0	40	0	40
Composite fish culture	01	20	0	20	0	0	0	20	0	20
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	**04**	**80**	**0**	**80**	**0**	**0**	**0**	**80**	**0**	**80**
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 – CONSOLIDATED (On + Off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
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	08	160	0	160	0	0	0	160	0	160
Processing and value addition										
Others (pl specify)										
Total (d)	**08**	**160**	**0**	**160**	**0**	**0**	**0**	**160**	**0**	**160**
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	02	40	0	40	0	0	0	40	0	40
Production and management technology										
Post harvest technology and value addition										
Others (pl specify) Inter Cropping	01	20	0	20	0	0	0	20	0	20
Total (g)	**03**	**60**	**0**	**60**	**0**	**0**	**0**	**60**	**0**	**60**
GT (a-g)	**11**	**220**	**0**	**220**	**0**	**0**	**0**	**220**	**0**	**220**
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	1	40	0	40	0	0	0	40	0	40
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management	02	56	0	56	04	0	04	60	0	60
Disease Management	05	122	0	122	18	0	18	140	0	140
Feed & fodder technology	03	100	0	100	0	0	0	100	0	100
Production of quality animal products	01	05	15	20	0	0	0	05	15	20
Others (pl specify)										
Total	**12**	**283**	**15**	**298**	**22**	**0**	**22**	**305**	**15**	**320**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	0	20	20	0	0	0	0	20	20
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	01	0	20	20	0	0	0	0	20	20
Value addition	04	0	80	80	0	0	0	0	80	80
Women empowerment										
Location specific drudgery reduction technologies	03	0	60	60	0	0	0	0	60	60
Rural Crafts	01	0	20	20	0	0	0	0	20	20
Women and child care	01	0	20	20	0	0	0	0	20	20
Others (pl specify)Family Health care	04	0	80	80	0	0	0	0	80	80
Total	**15**	**0**	**300**	**300**	**0**	**0**	**0**	**0**	**300**	**300**
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	02	51	0	51	9	0	9	60	0	60
Integrated Disease Management	04	94	0	94	02	0	02	96	0	96
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**06**	**145**	**0**	**145**	**11**	**0**	**11**	**156**	**0**	**156**
VIII Fisheries										
Integrated fish farming	03	60	0	60	0	0	0	60	0	60
Carp breeding and hatchery management	02	40	0	40	0	0	0	40	0	40
Carp fry and fingerling rearing	02	40	0	40	0	0	0	40	0	40
Composite fish culture	02	40	0	40	0	0	0	40	0	40
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	**09**	**180**	**0**	**180**	**0**	**0**	**0**	**180**	**0**	**180**
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 CapacityBuilding 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										

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										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
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 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	**01**		**10**	**10**	**0**	**0**	**0**	**0**	**10**	**10**
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
Livestock feed and fodder production	**01**	**50**	**0**	**50**	**0**	**0**	**0**	**50**	**0**	**50**
Household food security	**01**		**10**	**10**	**0**	**0**	**0**	**0**	**10**	**10**
Any other (Live Stock Disease Management.)	**01**	**50**	**0**	**50**	**0**	**0**	**0**	**50**	**0**	**50**
TOTAL	**06**	**120**	**20**	**140**	**0**	**0**	**0**	**120**	**20**	**140**

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	**01**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
Integrated Pest Management										
Integrated Nutrient management	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
Rejuvenation of old orchards										
Protected cultivation technology	**01**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
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	**01**	**0**	**10**	**10**	**0**	**0**	**0**	**0**	**10**	**10**
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	**01**	**0**	**10**	**10**	**0**	**0**	**0**	**0**	**10**	**10**
Any other(Composite Fish culture, Integrated Fish Management, Disease Management, Identification of popular colne & Nusary management of popular)	**05**	**50**	**0**	**50**	**0**	**0**	**0**	**50**	**0**	**50**
TOTAL	**11**	**90**	**20**	**110**	**0**	**0**	**0**	**90**	**20**	**110**

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	**1**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
Integrated Pest Management										
Integrated Nutrient management	**2**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
Rejuvenation of old orchards										
Protected cultivation technology	**01**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
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	**02**	**0**	**20**	**20**	**0**	**0**	**0**	**0**	**20**	**20**
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
Livestock feed and fodder production	**01**	**50**	**0**	**50**	**0**	**0**	**0**	**50**	**0**	**50**
Household food security	**02**	**0**	**20**	**20**	**0**	**0**	**0**	**0**	**20**	**20**
Any other (Medicinal and ornamental cultivation Tech.)	**06**	**100**	**0**	**100**	**0**	**0**	**0**	**10**	**0**	**100**
TOTAL	**17**	**210**	**40**	**250**	**0**	**0**	**0**	**210**	**40**	**250**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Processing and value addition										
Others (pl. specify)										
Total										
Farm machinery										
Farm machinery, tools and implements										
Others (pl. specify)										
Total										

Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
CapacityBuilding and Group Dynamics										
Others (Farmers Technical Training)										
Total										
GRAND TOTAL										

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Value addition										
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-pesticides,										
bio-fertilizers etc.										
Repair and maintenance of farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching, embroidery, dying etc.										
Agril. para-workers, para-vet training										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify)										
Total										

Grand Total										

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	40	2150	0	2150
Diagnostic visits	0	0	0	0
Field Day	0	0	0	0
Group discussions	0	0	0	0
Kisan Ghosthi	01	1200	0	1200
Film Show	0	0	0	0
Self -help groups	0	0	0	0
Kisan Mela	01	1200	20	1220
Exhibition	0	0	0	0
Scientists' visit to farmers field	27	304	0	304
Plant/animal health camps	0	0	0	0
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	0	0	0	0
Method Demonstrations	0	0	0	0
Celebration of important days	05	1224	0	1224
Special day celebration	0	0	0	0
Exposure visits	0	0	0	0
Others (pl.specify)	0	0	0	0
Total	**74**	**6078**	**20**	**6098**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	8
News paper coverage	13
Popular articles	02
Radio Talks	05
TV Talks	0
Animal health amps (Number of animals treated)	0
Others (pl. specify)	0
Total	**28**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only							
	Voice only	63	87			29	17	196
	Voice & Text both							
	Total Messages	63	87			29	17	196
	Total farmers Benefitted	**109**	**483**			**217**	**482**	**1291**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

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

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	HD-2967		286.95	557720.00	
	Paddy	NDR - 259		165.15	233700.00	
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Broccoli						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						

Others						
Total				**452.10**	**791420.00**	

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total						

Production of Bio-Products

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

Table: Production of livestock materials

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

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

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

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Rampur	dated 01Nov., 2021

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Research Paper	02
Technical bulletins	0
Technical reports	0
Others (pl. specify)	02

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

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

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

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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

Total												

XIII. DETAILS ON HRD ACTIVITIES

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

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

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

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

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

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

D. Overseeing of KVKs activities

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

E. Publication on Technology inventory

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

F. Technological Products provided to KVKs

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

XVI Achievement of Special programmes

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

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

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

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

a) CRM Machinery procured by KVKs

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

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
	Kisan Melas organized		
1.	Awareness programmes conducted at Village Panchayat/ Block/ District Level	14	722
2.	Mobilization of schools and colleges through essay completion, painting, debate etc.	08	969
3.	Demonstration conducted (ha)	0	0
4.	Training Programmes conducted	0	0
5.	Exposure visits organized	0	0
6.	Field /harvest days organized	0	0
	Total	**22**	**1691**

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	42
2.	Column / Articles in newspaper and magazines etc.	0
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	0
4.	Poster/Banner placed	13
5.	Publicity material - leaflets/ pamphlets etc. distributed	03
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	0
7.	Wall writing	24
	Total	**82**

3) Achievement of TSP (Tribal Sub Plan)

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

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

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

5) Achievements of SCSP KVKs

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

6) Achievement under IFS KVKs

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

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

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

8) Achievements of Farmers FIRST programme

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

9) Activities performed under NARI programme

Table-9.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension activities	
No of Established	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries
01	10			1	5	5	200	3	110

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

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

	Pearlmillet			
	Sorghum			
Oilseed	Groundnut			
	Mustard			
Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower			
Tuber	Sweet Potato			
Total				

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

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

11) Achievements under NICRA Project

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

12) Achievements under ARYA Project

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

13) Achievements under Rainwater Harvesting Structures

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

14) Achievements under Pulses Seed Hub programme

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

15) NEMA (New Extension Methodologies and Approaches)

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

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

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

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

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

18) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons paticipated
1	Toilet maintenance		
2	Road, drain cleaning		
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	
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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