ANNUAL REPORT (JANUARY- DECEMBER 2020)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	51	977	282	1259
Rural youths	0	0	0	0
Extension functionaries	09	253	0	253
Sponsored Training	01	25	0	25
Vocational Training				
Total	**61**	**1255**	**282**	**1537**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds			
Pulses			
Cereals			
Vegetables			
Other crops	30	10.0	
Hybrid crops			
Total	**30**	**10.0**	
Livestock & Fisheries	40	10.0	60
Other enterprises	10		10
Total	**50**	**10.0**	**70**
Grand Total	**80**	**20.0**	**70**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	01	05	05
Livestock	01	05	05
Various enterprises			
Total	**02**	**10**	**10**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**02**	**10**	**10**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	62	4375
Other extension activities	208	275
Total	**270**	**4650**

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	162	73			27	13	275
	Voice & Text both							
	Total Messages	162	73			27	13	275
	Total farmers Benefitted	**162**	**73**			**27**	**13**	**275**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	243.65	-
Planting material (No.)	0	0
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

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

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	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 2020

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 31th December, 2020)

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	37400-67000	62420	05.07.1996	Permanent	Gen	9719244864	54	drfaizmohsin@gmail.com
2	Subject Matter Specialist	Dr. Manoj Singh	SMS /Asstt.Prof.	Animal Sc.	15600-39100	32990	23.06.2008	Permanent	Gen	9897494833	42	singhmanoj_21@rediffmail.com
3	Subject Matter Specialist	Dr. Suneeta Pant	SMS /Asstt.Prof.	Home Sc.	15600-39100	29070	23.06.2008	Permanent	Gen	9412048417	54	suneetapt@gmail.com
4	Subject Matter Specialist	Dr. Virendra Singh	SMS /Asstt.Prof.	Plant Protection	15600-39100	31690	26.12.2008	Permanent	OBC	9456841516	44	virendrdr@gmail.com
5	Programme Assistant	Dr. R.N.Singh	Trg. Asstt.	Fisheries	Column (8)	81200	18.02.1995	Permanent	OBC	9411037240	54	rnsingh14545@yahoo.com
6	Computer Programmer	Bhagwan Singh Negi	Prog. Asstt./ Computer Programmer	Computer	Column (7)	53600	18.08.2007	Permanent	Gen	9453381682	48	bsnegi.05@gmail.com
7	Farm Manager	Dr. Ramashray Yadav	Prog. Asstt./ Farm Manager	Plant Breeding	Column (7)	52000	22.07.2008	Permanent	OBC	9412365795	50	ramashrayyadav95@gmail.com
8	Accountant / Superintendent	Sh. Seva Ram	Office Supdt Cum Acctt.	-	Column (8)	68000	18.09.2000	Permanent	OBC	9457046522	48	sevaramsvp@gmail.com
9	Stenographer	Mohd. Irtaza Khan	Jr. Clerk	-	Column (5)	40400	05.05.2000	Permanent	Gen	9412668048	46	bittuirtazakhan@gmail.com
10	Driver	Sh Mukesh Kumar	Driver		Column (4)	35900	31.12.2003	Permanent	SC	9458739410	48	-
11	Supporting staff	Sh. Rajveer Singh	Security guard	-	Column (4)	34300	25.04.1997	Permanent	OBC	7409808114	59	-
12	Supporting staff	Sh Vinod Kumar	Attendant	-	Column (1)	24200	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.	**02.11.2020**	1. Dr. Gopal Singh , J.D.E. SVPUA&T, Meerut, Chairman 2. Dr. Faiz Mohsin, OIC / Secretary 3. Dr. Hariom Katiyar, Asstt. Prof. Hort., SVPUA&T, Meerut 4. Sh. Narendra Pal, DDAG, Rampur 5. Dr. S. K. Sachan, Director(Ext), SVPUA&T, Meerut (Online) 6. Dr. Atar Singh, Director ATARI Kanpur, (Online) 7. Dr. Raghavendra Singh, Principal Scientist, ATARI (Online) 8. Dr. P.K.singh, Scientist, SVPUA&T, Meerut (Online) 9. Dr. K. G. Yadav, Scientist, SVPUA&T, Meerut (Online) 10. Dr. N.C. Tripathi, Scientist, SVPUA&T, Meerut (Online) 11. Sh. T.P. Singh, LDM, Rampur 12. Sh. Kamelsh Kumar, OIC, Training Center, Rampur 13. Sh. Prakash Veer, Cane Dept. Rampur 14. Dr. Josh Kumar, VO, Dhamora 15. Dr. Ashok Kumar, Dy. CVO, Milak 16. Sh. Jograj Singh, Member 17. Sh.Devendra Kumar, Member 18. Kailash Chand, SMS, Agri. Dept. 19. Dr. Pushpa Shrama, Member 20. 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, 2020)

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., 2020	30.45	**Maximum**	**Minimum**	
Feb., 2020	3.06			
Mar., 2020	19.5			
Apr., 2020	8.43			
May., 2020	5.63			
Jun., 2020	8.35			
July., 2020	56.48			
Aug., 2020	113.95			
Sept., 2020	26.18			
Oct., 2020	0.0			
Nov., 2020	1.88			
Dec., 2020	1.31			

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 (<u>31st December, 2020</u>)

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, 2020

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 2020

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
09	02	45	10	40.5	20	150	70

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	64	51	1280	1259	400	270	4000	4650
Rural youth	12	0	120	0				
Extn. Functionaries	24	09	480	253				
Other		01		25				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	**243.65**				

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	Buffalo	UMMB	05	05
Nutrition Management				
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

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 (2019-20)*

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 6.2 as well as 5.1 percent and yield was increased by 32.5 as well as 35.21 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*	*60.2*	-	*1:1.95*
T2 = soil application of Trichoderma powder @ 2.5kg/ha		*5.9*	*79.5*	*32.05*	*1:2.78*
T3 = soil application of Pseudomonas powder @ 2.5 kg/ha		*5.1*	*81.4*	*35.21*	*1:2.88*

2- 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 .
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*	*Result Awaited*			
T2 = soil application of Trichoderma powder @ 2.5kg/ha					
T3 = soil application of Pseudomonas powder @ 2.5 kg/ha					

LIVE STOCK ENTERPRISES

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

Technology Assessed or Refined (as the case may be): *Assessment of urea molasses Minerals block supplementation on milk production and Reproductive performance in lactating buffalo.*

KVK, Rampur conducted trial to assess the supplementation of urea molasses Minerals block on milk production and Reproductive performance in lactating buffalo. The UMMB is a high protein concentrated feed containing necessary amount of minerals and vitamins. It provides non protein nitrogen to the rumen microbes without risk. Supplementation of UMMB with straw based diet increase daily milk yield, longer lactation period and fertility in lactating animals.

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*	*5.2*	*-*	*130.21*	*182.0*	*1.40*	*20*
T2- UMMB supplementation (Licking) @ 300 g/day/animal		*7.24*	*20.67*	*139.21*	*253.4*	*1.82*	*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 **2020** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

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

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 2020	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 2020	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																			
Wheat Late Sown																			
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			

Bajra																			
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			
Bittergourd																			
Cowpea																			
Spongegourd																			
Petha																			
Tomato																			
Roopali	IPM	Foliar spray of indoxacrb 14.5% SC	10	2.0	ResultIt Awaited														
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			272.25	238.84	13.98			55000	163350	108350	1.97	52500	143304	90804	1.72
	Disease Management	Control of late blight disease	10	4.0	Result Awaited														
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			

Cowpea (F)																			
Maize (F)																			
Lucern																			
Berseem																			
Oat (F)																			

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

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	
Buffalo Calf																	
	Disease management	Albendazol 30ml+ Livol 10 g/day for 10 days	30	60			Result awaited										
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* **2020)**

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

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

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

g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	03	119	0	119	0	0	0	119	0	119
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	05	210	0	210	0	0	0	210	0	210
Feed & fodder technology	03	110	0	110	0	0	0	110	0	110
Production of quality animal products	01	40	0	40	0	0	0	40	0	40
Others (pl specify)										
Total	**12**	**479**	**0**	**479**	**0**	**0**	**0**	**479**	**0**	**479**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet	01	0	20	20	0	0	0	0	20	20
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	03	0	60	60	0	0	0	0	60	60
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total	**04**	**0**	**80**	**80**	**0**	**0**	**0**	**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	02	39	0	39	1	0	1	40	0	40
Integrated Disease Management	03	59	0	59	1	0	1	60	0	60
Bio-control of pests and diseases	01	20	0	20	0	0	0	20	0	20
Production of bio control agents and bio pesticides										
Others (pl specify)										

Total	**06**	**118**	**0**	**118**	**02**	**0**	**02**	**120**	**0**	**120**
VIII Fisheries										
Integrated fish farming	01	15	02	17	03	0	03	18	02	20
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture	01	18	0	18	02	0	02	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	**02**	**33**	**02**	**35**	**05**	**0**	**05**	**38**	**02**	**40**
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	01	20	0	20	0	0	0	20	0	20
Nursery management	01	20	0	20	0	0	0	20	0	20
Integrated Farming Systems										
Others (pl specify)										
Total	**02**	**40**	**0**	**40**	**0**	**0**	**0**	**40**	**0**	**40**
GRAND TOTAL	**26**	**670**	**82**	**752**	**7**	**0**	**7**	**677**	**82**	**759**

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										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	01	18	0	18	2	0	2	20	0	20

Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	03	46	0	46	14	0	14	60	0	60
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**04**	**64**	**0**	**64**	**16**	**0**	**16**	**80**	**0**	**80**
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	01	0	20	20	0	0	0	0	20	20
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	01	0	20	20	0	0	0	0	20	20
Women empowerment										
Location specific drudgery reduction technologies	01	0	20	20	0	0	0	0	20	20
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	03	0	60	60	0	0	0	0	60	60
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	54	0	54	06	0	06	60	0	60
Integrated Disease Management	02	24	0	24	16	0	16	40	0	40
Bio-control of pests and diseases	01	20	0	20	0	0	0	20	0	20
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**06**	**98**	**0**	**98**	**22**	**0**	**22**	**120**	**0**	**120**
VIII Fisheries										
Integrated fish farming	01	18	0	18	02	0	02	20	0	20
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture	02	37	0	37	03	0	03	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	**03**	**55**	**0**	**55**	**05**	**0**	**05**	**60**	**0**	**60**
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	01	20	0	20	0	0	0	20	0	20
Nursery management	01	20	0	20	0	0	0	20	0	20
Integrated Farming Systems										
Others (pl specify)										
Total	**02**	**40**	**0**	**40**	**0**	**0**	**0**	**40**	**0**	**40**
GRAND TOTAL	**25**	**257**	**200**	**457**	**43**	**0**	**43**	**300**	**200**	**500**

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										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	04	137	0	137	2	0	2	139	0	139
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	08	256	0	256	14	0	14	270	0	270
Feed & fodder technology	03	110	0	110	0	0	0	110	0	110
Production of quality animal products	01	40	0	40	0	0	0	40	0	40
Others (pl specify)										
Total	**16**	**543**	**0**	**543**	**16**	**0**	**16**	**559**	**0**	**559**
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	02	0	40	40	0	0	0	0	40	40
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	01	0	20	20	0	0	0	0	20	20
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)	03	0	60	60	0	0	0	0	60	60
Total	**14**	**0**	**280**	**280**	**0**	**0**	**0**	**0**	**280**	**280**
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	5	93	0	93	7	0	7	100	0	100
Integrated Disease Management	5	83	0	83	17	0	17	100	0	100
Bio-control of pests and diseases	2	40	0	40	0	0	0	40	0	40
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**12**	**216**	**0**	**216**	**24**	**0**	**24**	**240**	**0**	**240**
VIII Fisheries										
Integrated fish farming	02	33	02	35	05	0	05	38	02	40
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture	03	55	0	55	05	0	05	60	0	60
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	**05**	**88**	**02**	**90**	**10**	**0**	**10**	**98**	**02**	**100**
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	02	40	0	40	0	0	0	40	0	40
Nursery management	02	40	0	40	0	0	0	40	0	40
Integrated Farming Systems										
Others (pl specify)										
Total	**04**	**80**	**0**	**80**	**0**	**0**	**0**	**80**	**0**	**80**
GRAND TOTAL	**51**	**927**	**282**	**1209**	**50**	**0**	**50**	**977**	**282**	**1259**

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	02	20	0	10	0	0	0	20	0	20
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	02	85	0	85	0	0	0	85	0	85
Livestock feed and fodder production	03	128	0	128	0	0	0	128	0	128
Household food security										
Any other (Medicinal and ornamental cultivation Tech.)										
TOTAL	**07**	**233**	**0**	**233**	**0**	**0**	**0**	**233**	**0**	**233**

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										
Integrated Pest Management	01	10	0	10	0	0	0	10	0	10
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										

Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production	**01**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
Household food security										
Any other (pl.specify)										
TOTAL	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**

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										
Integrated Pest Management	**03**	**30**	**0**	**30**	**0**	**0**	**0**	**30**	**0**	**30**
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	**02**	**85**	**0**	**85**	**0**	**0**	**0**	**85**	**0**	**85**
Livestock feed and fodder production	**04**	**138**	**0**	**138**	**0**	**0**	**0**	**138**	**0**	**138**
Household food security										
Any other (Medicinal and ornamental cultivation Tech.)										
TOTAL	**09**	**253**	**0**	**253**	**0**	**0**	**0**	**253**	**0**	**253**

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)	**01**	**25**	**0**	**25**	**0**	**0**	**0**	**25**	**0**	**25**
Total	**01**	**25**	**0**	**25**	**0**	**0**	**0**	**25**	**0**	**25**

Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (Farmers Technical Training)										
Total										
GRAND TOTAL	**01**	**25**	**0**	**25**	**0**	**0**	**0**	**25**	**0**	**25**

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	38	1757	15	1772
Diagnostic visits	01	10	0	10
Field Day	0	0	0	0
Group discussions	0	0	0	0
Kisan Ghosthi	01	1000	0	1000
Film Show	0	0	0	0
Self -help groups	0	0	0	0
Kisan Mela	01	500	20	520
Exhibition	0	0	0	0
Scientists' visit to farmers field	18	155	0	155
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	02	68	0	68
Special day celebration	01	850	0	850
Exposure visits	0	0	0	0
Others (pl. specify)	0	0	0	0
Total	**62**	**4340**	**35**	**4375**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	10
News paper coverage	26
Popular articles	03
Radio Talks	07
TV Talks	0
Animal health amps (Number of animals treated)	0
Others (pl. specify)	0
Total	**46**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only							
	Voice only	162	73			27	13	275
	Voice & Text both							
	Total Messages	162	73			27	13	275
	Total farmers Benefitted	**162**	**73**			**27**	**13**	**275**

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-3086		178.45		
	Paddy	PR-126 & NDR-359		65.2		
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Broccoli						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						

Forest Species						
Others						
Total				**243.65**		

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 02 Nov., 2020

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	

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