KRISHI VIGYAN KENDRA, AWAGARH, ETAH
PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan to December 2021)

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	91	1554	585	2139
Rural youths	3	30	12	42
Extension functionaries	2	22	1	23
Sponsored Training	-	-	-	-
Vocational Training	-	-	-	-
Total	96	1606	598	2204

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	88	35	
Pulses	6	2.4	
Cereals	40	16	
Vegetables	7	1.08	
Other crops			
Hybrid crops			
Total	141	54.48	
Livestock & Fisheries			
Other enterprises (Fodder & Farm Machinery)	111	179.31	
Total			
Grand Total	252	233.79	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	4	4	37
Livestock			
Various enterprises			
Total			
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	4	4	37

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	56	4271
Other extension activities	18	-
Total	74	4271

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	73	3	21	-	45	158	300
	Voice only	45						45
	Voice & Text both							
	Total Messages							
	Total farmers Benefitted	**600000**	**-**	**-**	**-**	**200090**	**830**	**800920**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	472.50	1247505.00
Planting material (No.)	1.20q (Garlic) & 72000 Planting Material	47800.00
Bio-Products (kg)	27.80	11120.00
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

Samples		No. of Beneficiaries	Value Rs.
Soil	314	1693	2198
Water			
Plant			
Total			

8. HRD and Publications

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

12	Extension folder	8
13	Proceedings	
14	Award & recognition	
15	On going research projects	

DETAIL REPORT OF APR-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, Awagarh-207301, Distt. Etah,UP	05745-224338	05745-224338	kvkawagarh@rediffmail.com

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

Address	Telephone		E mail
	Office	FAX	
R.B.S.College, Agra	0562-2520075	0562-2520075	rbscagra_2007@rediffmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Manish Singh		7897441718	manishsinghswc@gmail.com

1.4. Year of sanction:

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

post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	
e r	Dr. Manish Singh	Senior Scientist & Head	Soil & Water Conservation	37400-67000	135300	1.02.2020	Permanent	O.B.C.	7897441718	46	kvk
tter	Dr. Dinesh Mishra	S.M.S.	Agri. Engg.	15600-39100	125800	15.03.1996	-do-	General	9412490890	54	
tter	Dr. Virendra Singh	S.M.S.	Soil Science	15600-39100	115800	09.07.1987	-do-	OBC	9719501765	58	
tter	Shri Virendra Singh	S.M.S.	Horticulture	15600-39100	115800	22.7.1987	-do-	General	9412388110	58	
tter	Dr. S.K. Singh	S.M.S.	Agronomy	15600-39100	67000	01.02.2020	-do-	General	9536093256	45	
tter	Smt. Dipti Singh	S.M.S.	Agri. Extension	15600-39100	56100	22.02.2021	-do-	General	8433295917	35	
tter	Smt. Neeraj Singh	S.M.S.	Home Science	15600-39100	56100	22.02.2021	-do-	OBC	9457319897	33	
e	Dr. D.S. Verma	P.A.	Agronomy	9300-34800	102500	01.12.1987	-do-	OBC	9719501688	58	
er	Arun Pratap Singh	P.A.	Computer	9300-34800	35400	22.02.2021	-do-	General	8077858523	31	

ger	Shri Gaurav Pratap Singh	Farm Manager	Agronomy	9300-34800	36500	01.02.2020	-do-	General	8557083617	28	
/ dent	Shri Ankur Rajput	Assistant	Accountant	9300-34800	35400	22.02.2021	-do-	OBC	7895227474	30	
er	Shri Sachin Kumar	Stenographer	Other	5200-20200	28700	04.02.2017	-do-	OBC	8299204800	25	
	Shri R.N.Singh	Tractor Driver	Other	5200-20200	42300	13.06.1994	-do-	OBC	9411848633	56	
	Shri Harishanker	Jeep Driver	Other	5200-20200	39200	01.12.2002	-do-	OBC	9758031068	53	
	Shri Pushpendra	Attendent	Other	5200-20200	44100	14.06.1994	-do-	General	9719944683	48	
	Shri Rahul	Attendent	Other	5200-20200	18500	01.02.2020	-do-	OBC	8445470227	24	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.0
2.	Under Demonstration Units	1.30
3.	Under Crops	11.50
4.	Orchard/Agro-forestry	0.20
5.	Others (specify)	6.00

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1986					
2.	Farmers Hostel	ICAR	1990					
3.	Staff Quarters (6)		1990					
4.	Demonstration Units (2)	ICAR	5 in 1986 9 in 1990					
5	Fencing	-	-					
6	Rain Water harvesting system	-	-					
7	Threshing floor	-	-					
8	Farm godown	-	-					

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2010	5.0	8998 hrs.	2010 Modal (Not Good Condition)
Jeep	2006	5.0	92487	Good condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
OHP	1986		Irreparable
Slide Projector	1986		Irreparable
TV & VCD	2003		In use
Camera	2006		-do-
LCD	2007		-do-

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	31.12.2021	1. Dr. Atar Singh Ji (Director – ICAR ATARI, Kanpur) 2. Dr. K.K. Sharma (Head, Soil & Water Conservation Department, Chalesar, Agra 3. Dr. U.N. Singh (Ex. Principal, R.B.S. College, Agra) 4. Shri Sudhir Kumar Tomar (Ag. Department) 5. Dr. Revti Prasad (V.O. Awagarh) 6. Dr. Rajendra Singh Chauhan.(Senior Scientist & Head. K.V.K. Bichpuri) 7. Smt. Savita Devi (Farm women) 8. Shri Rajvir Singh (Farmer) 9. Dr. Manish Singh (Senior Scientist & Head K.V.K. Awagarh & Full Staff)	1. ….. 2. … 3. …. 4. … 5. … 6. … 7. … 8. … 9. …	1. ….. 2. … 3. …. 4. … 5. … 6. … 7. … 8. … …
2.				

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
A-Crop	1-Paddy-Wheat
	2- Pigeon Pea-Wheat
	3- Maize-Potato /groundnut/onion
	4- Bajra/maize-wheat
	5-Fallow-Mustard/groundnut./urd/moong
	6- Fallow-Garlic/Cole crops
	7- Fallow-Brinjal /tomato/Cole crops
	8- Jwar-berseem/oat
	9-Green Mannure-potato-muskmelon/moong
B-Livestock	1-Dairy
	2-Goatery

C-Orchard	1-Mango
	2-Guava
	3-Ber
	4-Papaya
	5-Anola

Agro-climatic Zone	Characteristics				
	Temperature ^{o}C		**Rainfall(mm)**	**Total area**	**Irrigated**
				Lac(ha)	Area (%)
South West Semi Arid Zone	3.4	46	1192.5	1.86	**95**

b) Topography

S. No	Agro ecological situation	Characteristics
1.	AES-I	Altitude 150-700msl Soil-Clay Loam ACZ tropical
2.	AES-II	-
3.	AES-III	-

S.No.	Total Area (%)	Agro ecological situation			
		Block	**Major Crops**	**Animal Birds**	**Forest/Orchard**
1.Clay loam	25	Nidholikalan Sakit, Awagarh Jalesar	Paddy,Jwar,Maize, Wheat,Gram,Mustard, Pea, Pigeon Pea, Veg. Moon, Lentil	Cows,Buffaloes,Sheep,goats,Pigs, Poultry	Shisham, Babool,Eucalyputs,Aarjun, Mango, Guava,Ber
II-Loam	34	Amapur,Marhra,Kasganj,Soron,Sahavar,Jaithra,Aliganj	Paddy,Wheat,Bajra,Maize,Gram,Mustard,Pea,Pigen Pea, Urd, Veg. Potato, Sugaracane, Moong, Lentil, Tobacco	Cows,Buffaloes,Sheep,Goats,Pigs,Poultry	Shisham,Babool,Eucalyptus, AarjunmMango Guava,Ber,Jackfruit
III-Sandy loam	16	Marhara,Kasganj,Shitalpur,Sidpura, Jalesar	Paddy,Wheat,bajra,maize,mustard,pea, Pigeon Pea, urd, vegetable, potato, sugarcane, moong,sunflower	Cows,buffaloes,sheetp,goats,pigs,Poulthry	Shisham,Babool,Eucalyptus, Aarjun,Mango,Guava,Ber,Jackfruit
IV-(i) Loam,sand,(ii)Recent Alluvium soil(pocket of loam silt, sandy loam & loamy sand)	23	Soron, sahavar, ganjdundwara, patiali, Aliganj	Til, wheat, bajra, maize, mustard, Pigon pea, urd, groundnut veg., potato, summer, moong sugarcane, sunflower, toacco	Cows, buffaloes, sheep, goats, pigs, poultry	Shisham, Babool, Eucalyptus, Aarjun Mango, Guava, Ber,
V-Sodic land	2	Awagarh, nidholikalan, sakit, jalesar	Paddy, wheat, mustard, barley in reclaimed area of sodic land	Cows, buffaloes, goats, pigs, Poultry	Babool, Eucalyptus

2.3 Soil Types

S. No	Soil type	Characteristics pH	Area in ha
1	Loam	7.8-8.4	1.19
2	Clay loam	8.0-8.7	0.88
3	Sandy loam	7.5-8.0	0.56
4	Alluvium	7.0-7.8	0.80
5	Sodic land	8.5-10.0	0.07

2.4. Area, Production and Productivity of major crops cultivated in the district (2018-19)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
1	Paddy	53910	4447.45	28.17
2	Wheat	208212	**Awaited**	-
3	Bajra	66438	6029.14	11.20
4	Maize-kharif	66315	5848.09	19.52
5	Maize-summer	3192	288.54	22.10
6	Chickpea	1840	93.78	10.15
7	Field pea	32	7.54	11.10
8	Lentil	3745	138.00	6.78
9	Moong (kharif)	410	58.52	6.21
10	Moong (summer)	4005	338.88	8.10
11	Pigen pea	3810	905.00	7.29
12	Urd	1890	58.77	5.17
13	Mustard	13449	775.12	10.64
14	Groundnut	52	14.69	9.40
15	Sunflower	-		-
16	Til	310	59.16	4.81
17	Sugarcane	9488	139392.75	448.17
18	Tobacco	11305	4434.48	54.61
19	Potato	12015	11767.87	240.80

Source: District agriculture department.

2.5. Weather data (2021-22)

S. No	Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
1	April 2021					
2	May					
3	June					
4	July					
5	August					
6	Sept.					
7						
8						
9						
10						
11						
12						
Total						

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

Category	Population	Production	Productivity
Cattle	181435	Not available	Not available
Buffalo	683303	-do-	-do-
Sheep	8443	-do-	-do-
Goats	275632	-do-	-do-
Pigs	32118	-do-	-do-
Rabbits	3148	-do-	-do-
Poultry	77629	-do-	-do-
Ducks	1745	-do-	-do-
Turkey and others	750	-do-	-do-
Category		Production (Q.)	Productivity
Fish (Reservoir)	84.23 ha.	-do-	-do-

2.7 Details of Operational area / Villages (31st December, 2020)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Etah	Awagarh	Nagla Runi	Paddy	Imbalance fert, improved variety, weeds	
	Etah	Awagarh	Nagla Bhakti	Bajra	Shoot borer, Imbalance fertilizer	
	Etah	Awagarh	Nagla Bandha	Mustard	Imbalance fert, improved variety, weeds	
	Etah	Nidhauli kalan	Himmatpur	Bajra	Weeds, imbalance ferti.	
	Etah	Sheetalpur	Kamsan	Wheat	Imbalance fert, improved variety Weeds	
	Etah	Nidhauli kalan	Rashidpur	Mustard	Imbalance fert, insect-disease	
				Groundnut	Non availability of improved variety, imbalance fert.	
				Chickpea	Imbalance fert, podborer, wilt	
				Moong	Imbalance ferti, yellow mosaic virus.	
				Potato	Imbalance ferti, blight, weeds	
				Garlic Onion	Imbalance ferti., insect, disease, weeds, Seed availability	
				Cucurbits	Insect-disease, Seed availability	
				Cole crops	Imbalance Ferti. Insect-disease	
				Mango	Malformation, Nutrition	
				Guava	Wilt	
				Ber	Stem borer	
				Anola	Root rot	
				Brinjal	Shoot & fruit borer	
				Tomato	Mossaic & fruit borer	
				Buffalo	Infertility, low milk yield, calf mortality	

				Cow	Low milk yield, Infertility	
				Goat	Mortality	
				Farm Machinery	Non availability of repairing facilities and improved implements	
				Storage structure	Non availability of proper storage structure for farm produce.	
				Processing plant	Non availability of proper processing plant for food grain, vegetables & fruits.	

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Paddy, wheat, maize, pigeon pea, chick pea, moong, potato and summer groundnut.	Availability of improved variety seeds
Paddy, wheat, maize, potato, garlic.	Application of balance fertilizer
Potato, garlic, groundnut, mustard, paddy, maize,	Application of micronutrients-sulphur and zinc.
Paddy, wheat, Pigeon Pea, moong, potato and garlic.	Weed control.
Chickpea and Pigeon Pea.	Control of pod border.
Brinjal, maize, tomato and petha	Control of shoot borer and fruit borer.
Moong and tomato.	Control of mosaic.
Potato	Control of blight.
Buffalo calves and goats.	Control of mortality.
Dairy animals.	Mineral feeding, deworming and vaccination.
Diesel Engine and Sprayer.	Technical know how for maintenance, operation and repairing.
Diesel Engine Mechanic, Mini Dairy, stitching and Goatery.	Technical know how for self employment.
Maize sheller, Zero till seed drill, Rotavator, Paddy weeder and Paddy transplanter.	Availability of improved agriculture machinery.

2.9 Intervention/ Programmes for the doubling the farmers income –(Jan 2020-Dec. 2020) **Demonstrations**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Note- Same format may be used for OFT.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 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
10	4	10	4	30.325, 550 NO.	233.79, 7.8 qts.	297	252

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	98	91	2072	2139	69	56	6242	4271
Rural youth	7	3	197	42				
Extn. Functionaries	7	2	225	23				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
250	472.50	155	23650- 50 kg	72000- 120 Kg	135

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				
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				

Summary of technologies assessed under livestock by KVKs

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

Summary of technologies assessed under various enterprises by KVKs

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

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

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

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

Summary of technologies refined under various livestock by KVKs

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

Summary of technologies refined under various enterprises by KVKs

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

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

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

Paddy: Effect of pymetrozine 50%WG in Control of BPH

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
T1-Buprofezin 25 sc@250ml/acer	*20*	*31.15*	*-*	*25330*	*1:1.5*
T2- pymetrozine 50%WG@120gram/acer		*44.25*	*42*	*51950*	*1:2.1*

Mustard: Effect of Variety RH-725 on Yield

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
T1-Variety Radha	*5*	*19.90*	*-*	*101790*	*1:4.6*
T2- Variety RH-725		*27.37*	*27*	*149880*	*1:6.3*

Wheat: Effect of Variety DBW-187 on Yield

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
T1-Variety PBW- 502	*10*	*49.98*	*-*	*48773*	*1:2.0*
T2- Variety DBW-187		*54.55*	*39*	*57800*	*1:2.2*

Cauliflower: Replacement of Low Yield & Poor Quality of Cauli Flower

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
T1-Farmer Practice –Snow ball	*2*	*265*	*-*	*60520*	*1:1.8*
T2- Purnima (Indo American)		*375*	*41*	*114075*	*1:2.5*

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2016-17 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
1.	Garlic	I.P.M.	3 Spray of Imdiacloprid 17.8%@250ml/ha. each time.		No. of villages	No. of farmers	Area in ha
					22	120	20

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

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

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Mustard	VE	RH-725	Rabi	35	35	11	77	88	
2.	Paddy	VE	Pusa-1509	Kharif	10	10	0	25	25	
3.	Wheat	VE	HD-3059	Rabi	10	10	5	20	25	
4.	Moong	VE	PM-5	Summer	30	30	19	56	75	

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					

Technical Feedback on the demonstrated technologies

S. No	**Feed Back**
1	

2	

Farmers' reactions on specific technologies

S. No	Feed Back
1	
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	5	1.2.2021, 3.2.2021, 20.2.2021 7.6.2021, 12.3.2021	168	
2	Farmers Training	6	4.1.2021, 9.6.2021, 16-17--.08.2021, 15.10.2021, 13.11.2021	110	
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																		
	V.E.	Variety	Girraj	13	5	29.5	25.46	26.46	18.85	22.9	28025	158990	130965	1:5.6	27960	122525	94565	1:4.3
	V.E.	Variety	NRCHB-101	75	30	26.87	21.85	24.96	20.18	36.0	29126	149760	120639	1:5.1	28025	121080	93055	1:4.3
Toria																		
Linseed																		
Sunflower																		
Soybean																		

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

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea																		
Blackgram																		
Greengram																		
	I.P.M.	I.P.M.	Imidaclorprid	6	2.4	14.80	12.7	13.1	10.15	29	33160	18150	51990	1:2.5	31150	65975	34825	1:2.1
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																			
	INM	INM	15	6	46.25	43.15	45.15	39.15	30			45100	99330	54230	1:2.2	44800	86130	41330	1:1.9
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat																			
	V.E.	HD- 3059	25	10	45.20	41.50	43.95	41.15	6.8			48875	86801	37926	1:1.8	48875	81271	32396	1:1.6
Wheat Timely sown																			
Wheat Late Sown																			
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			

Bajra																		
Barnyard millet																		
Finger millet																		
Vegetables																		
Bottlegourd																		
Bittergourd																		
Cowpea																		
Spongegourd																		
Petha																		
Tomato																		
Frenchbean																		
Capsicum																		
Chilli																		
Brinjal																		
Vegetable pea																		
Softgourd																		
Okra																		
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																			
	I.P.M.	3 Spray of Imdiacloprid 17.8%@250ml/ha. each time.	7	1.08	140.5	123.30	138.60	135	12			145900	589050	443150	1:4	144100	524025	379925	1:3.6
Turmeric																			
Commercial Crops																			
Sugarcane																			
Potato																			
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			

Maize (F)																			
Lucern																			
Berseem																			
Bajra Naiper Hybrid Co_4	Supply of Green Fodder	Sowing of Bajra Naiper Hybrid CO_4	4	0.4	3000	-	3000	850	353			50000	450000	400000	1:9	28750	127500	98750	1.44
Oat (F)																			

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

FLD on Livestock

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

Vaccination																	

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

FLD on Fisheries

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

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

FLD on Other enterprises

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

Value Addition																
Vermi Compost																

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
Mulcher	Paddy	Mulching of Paddy Straw	77	82.36	Yield (qts/ha.)	44.21	40.75	8.49	-	-	-	-	3582Rs/ha.	-	-	3582Rs/ha.
					Net Profit (Rs./ha)	51005	47753	6.80	-	-	-	-	-	--	-	-
Happy Seeder	Wheat	Sowing of Wheat after Paddy	3	1.68	Yield (qts/ha.)	48.16	43.22	11.42	-	-	-	-	3635Rs./ha.	-	-	3635Rs./ha
					Net Profit (Rs./ha)	66025	52631	25.44	-	-	-	-	-	-	-	
Super Seeder	Wheat	Sowing of Wheat after Paddy	11	12.64	Yield (qts/ha.)	47.12	44.23	6.53	-	-	-	-	2456Rs./ha.	-	-	2456Rs./ha.
					Net Profit (Rs./ha)	63280	55116	14.81	-	-	-	-	-	-	-	-
Battery operated sprayer	Maize, Paddy, Bajra & Jwar	Spraying of different solution	10	82.23	Area Covered (ha/hrs.)	0.35	0.22	59.09	-	-	-	0.21 man days/ha.	-	-	-	41 Rs/ha.

Ground nut decorticator	Ground nut	Decorticating of Ground nut	4	7.5 qts.	Decorticating capacity (kg pod/hrs.)	99	16	519 more	-	-	-	0.65 manday s/qts.	-	-	-	128 Rs./qts.
I.I.P.R. Dal Chakki	Moong	Dal making	2	30 Kg.	Dal Making capacity (Kg/hrs.)	77	10	6.70	-	-	-	1.08 (manday s/qts.)	-	-	-	210Rs./qts.
					Recovery of Dal (%)	78	66	18.18	-	-	-	-	-	-	-	-

FLD on Other Enterprise: Kitchen Gardening

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

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

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

Fruit crop													
Other (specify)													

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	24	0	24	5	1	6	29	1	30
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management	1	16	0	16	0	0	0	16	0	16
Integrated Crop Management										
Soil & water conservatioin										
Integrated nutrient management	3	89	0	89	21	0	21	110	0	110
Production of organic inputs										
Others (pl specify)										
Total	**6**	**129**	**0**	**129**	**26**	**1**	**27**	**155**	**1**	**156**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	30	0	30	3	0	3	33	0	33
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	12	0	12	2	0	2	14	0	14
Others (pl specify)	1	12	0	12	3	0	3	15	0	15
Total (a)	**3**	**54**	**0**	**54**	**8**	**0**	**8**	**62**	**0**	**62**
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	1	17	1	18	2	0	2	19	1	20
Processing and value addition										
Others (pl specify)										
Total (e)	**1**	**17**	**1**	**18**	**2**	**0**	**2**	**19**	**1**	**20**
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	2	30	0	30	9	0	9	39	0	39
Integrated water management										
Integrated Nutrient Management	3	40	0	40	15	0	15	55	0	55
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers	4	20	0	20	15	0	15	35	0	35
Soil and Water Testing										
Others (pl specify)										
Total	**9**	**90**	**0**	**90**	**39**	**0**	**39**	**129**	**0**	**129**
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	0	40	40	0	20	20	0	60	60
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet	1	0	58	58	0	18	18	0	76	76
Minimization of nutrient loss in processing										
Processing and cooking	1	0	0	0	0	31	31	0	31	31
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1	0	43	43	0	17	17	0	60	60
Women empowerment	1	0	47	47	0	13	13	0	60	60
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	1	0	12	12	0	4	4	0	16	16
Others (Vermicompost)	1	0	15	15	0	15	15	0	30	30
Total	**8**	**0**	**215**	**215**	**0**	**118**	**118**	**0**	**333**	**333**
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	2	28	0	28	0	0	0	28	0	28
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total	**2**	**28**	**0**	**28**	**0**	**0**	**0**	**28**	**0**	**28**
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										

Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	29	318	216	534	75	119	194	393	335	728

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	3	32	0	32	19	0	19	51	0	51
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	6	72	8	80	11	0	11	83	8	91
Soil & water conservatioin										
Integrated nutrient management										

Production of organic inputs										
Others (pl specify)										
Total	**9**	**104**	**8**	**112**	**30**	**0**	**30**	**134**	**8**	**142**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	3	40	10	50	5	2	7	45	12	57
Off-season vegetables										
Nursery raising	3	25	0	25	5	5	10	30	5	35
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	2	30	10	40	10	10	20	40	20	60
Others (pl specify)										
Total (a)	**8**	**95**	**20**	**115**	**20**	**17**	**37**	**105**	**37**	**142**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	10	5	15	0	0	0	10	5	15
Cultivation of Fruit										
Management of young plants/orchards	1	10	0	10	0	0	0	10	0	10
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**2**	**20**	**5**	**25**	**0**	**0**	**0**	**20**	**5**	**25**
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	3	55	10	65	10	0	10	65	10	75
Processing and value addition										
Others (pl specify)										
Total (e)	**3**	**55**	**10**	**65**	**10**	**0**	**10**	**65**	**10**	**75**
f) Spices										
Production and Management technology	2	20	0	20	0	0	0	20	0	20
Processing and value addition										
Others (pl specify)										
Total (f)	**2**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
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	4	42	0	42	6	0	6	48	0	48
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	8	91	0	91	12	0	16	103	0	103
Soil and Water Testing	8	104	0	104	14	0	14	118	0	118
Others (pl specify)										
Total	**20**	**237**	**0**	**237**	**32**	**0**	**32**	**269**	**0**	**269**
IV Livestock Production and Management										
Dairy Management										

Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	0	44	44	0	16	16	0	60	60
Design and development of low/minimum cost diet	1	0	20	20	0	0	0	0	20	20
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing	1	0	29	29	0	1	1	0	30	30
Processing and cooking	1	0	12	12	0	31	31	0	43	43
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	1	0	27	27	0	10	10	0	37	37
Others (pl specify)										
Total	**6**	**0**	**132**	**132**	**0**	**58**	**58**	**0**	**190**	**190**
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	12	471	0	471	67	0	67	538	0	538
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total	**12**	**471**	**0**	**471**	**67**	**0**	**67**	**538**	**0**	**538**
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										

Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	62	1002	175	1177	159	75	234	1151	250	1401

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	5	56	0	56	24	1	25	80	1	81
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production	1	16	0	16	0	0	0	16	0	16
Nursery management										
Integrated Crop Management										
Soil & water conservatioin										
Integrated nutrient management	9	161	8	169	32	0	32	193	8	201
Production of organic inputs										
Others (pl specify)										
Total	**15**	**233**	**8**	**241**	**56**	**1**	**57**	**289**	**9**	**298**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	4	70	10	80	8	2	10	78	12	90
Off-season vegetables										
Nursery raising	3	25	0	25	5	5	10	30	5	35
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	3	42	10	52	12	10	22	54	20	74
Others (pl specify)	1	12	0	12	3	0	3	15	0	15
Total (a)	**11**	**149**	**20**	**169**	**28**	**17**	**45**	**177**	**37**	**214**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	10	5	15	0	0	0	10	5	15
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards	1	10	0	10	0	0	0	10	0	10
Export potential fruits										

Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**2**	**20**	**5**	**25**	**0**	**0**	**0**	**20**	**5**	**25**
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	4	72	11	83	12	0	12	84	11	95
Processing and value addition										
Others (pl specify)										
Total (e)	**4**	**72**	**11**	**83**	**12**	**0**	**12**	**84**	**11**	**95**
f) Spices										
Production and Management technology	2	20	0	20	0	0	0	20	0	20
Processing and value addition										
Others (pl specify)										
Total (f)	**2**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
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)	**19**	**261**	**36**	**297**	**40**	**17**	**57**	**301**	**53**	**354**
III Soil Health and Fertility Management										
Soil fertility management	2	30	0	30	9	0	9	39	0	39
Integrated water management										
Integrated Nutrient Management	7	82	0	82	21	0	21	103	0	103
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers	12	111	0	111	27	0	27	138	0	138
Soil and Water Testing	8	104	0	104	14	0	14	118	0	118
Others (pl specify)										
Total	**29**	**327**	**0**	**327**	**71**	**0**	**71**	**398**	**0**	**398**
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	4	0	84	84	0	36	36	0	120	120
Design and development of low/minimum cost diet	1	0	20	20	0	0	0	0	20	20
Designing and development for high nutrient efficiency diet	1	0	58	58	0	18	18	0	76	76
Minimization of nutrient loss in processing	2	0	29	29	0	32	32	0	61	61
Processing and cooking	1	0	12	12	0	31	31	0	43	43
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1	0	43	43	0	17	17	0	60	60

Women empowerment	1	0	47	47	0	13	13	0	60	60
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	2	0	39	39	0	14	14	0	53	53
Others Vermicompost	1	0	15	15	0	15	15	0	30	30
Total	**14**	**0**	**347**	**347**	**0**	**176**	**176**	**0**	**523**	**523**
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	14	499	0	499	67	0	67	566	0	566
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total	**14**	**499**	**0**	**499**	**67**	**0**	**67**	**566**	**0**	**566**
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										

XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	91	1320	391	1711	234	194	428	1554	584	2139

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	1	11	0	11	4	0	4	15	0	15
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements	1	15	0	15	0	0	0	15	0	15
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching	1	0	0	0	0	12	12	0	12	12
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	3	26	0	26	4	12	16	30	12	42

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	1	11	0	11	4	0	4	15	0	15
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and	1	15	0	15	0	0	0	15	15	15

implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching	1	0	0	0	0	12	12	0	12	12
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	3	26	0	26	4	12	16	30	12	42

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	**1**	**8**	**0**	**8**	**2**	**0**	**2**	**10**	**0**	**10**
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards	**1**	**10**	**1**	**11**	**2**	**0**	**2**	**12**	**1**	**13**
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										

Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**1**	**10**	**1**	**11**	**2**	**0**	**2**	**12**	**1**	**13**

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										
Integrated Nutrient management										
Rejuvenation of old orchards	**2**	**18**	**1**	**19**	**4**	**0**	**4**	**22**	**1**	**23**
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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										
Capacity Building and Group Dynamics										
Others (pl. specify)										
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	1	63	0	63
Diagnostic visits				
Field Day	5	162	6	168
Group discussions	2	139	15	154
Kisan Ghosthi	3	541	19	560
Film Show	-	-	-	-
Self -help groups	2	62	5	67
Kisan Mela	1	2019	17	2036
Exhibition	-	-	-	-
Scientists' visit to farmers field	26	146	15	161
Plant/animal health camps	-	-	-	-
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	1	65	6	71
Farmers' seminar/workshop	-	-	-	-
Method Demonstrations	-	-	-	-
Celebration of important days	7	491	26	517
Special day celebration	4	110	23	133
Exposure visits				
Others 1. Kishan Kalyan Abhiyan & Kishan Gosthi 2. Mahila Saiyojako Ki Baithak 3. Swachta Mission 4. Natural Farmimg	4	306	35	341
Total	**56**	**4104**	**167**	**4271**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	1
News paper coverage	18
Popular articles	
Radio Talks	
TV Talks	2
Animal health amps (Number of animals treated)	
Others (DFI Success Story)	110
Total	

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	73	3	21	-	45	158	300
	Voice only	45						45
	Voice & Text both							
	Total Messages							
	Total farmers Benefitted	**600000**	**-**	**-**	**-**	**200090**	**830**	**800920**

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
Cereal	Wheat	DBW-187, DBW- 222, HD- 2967, HD- 3059		252.50	586412	100
	Paddy	PB- 1718, PB- 2511		204.00	555093	Commercial Sold
Oilseeds	Mustard	DRMR IJ- 31		16.00	106000	55
Pulses						
Commercial crops						
Vegetables						
Flower crops	Bajra	Bajra Naepir Hybrid CO4	CO_4	22	3300	16
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						

Others						
Total				472.50	1247505	155

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
	Tomato	T-5	-	6000	24000	25
	Cabbage	L.D.H.	-	4000	1600	20
	Onion	AFLR	-	30000	1800	25
Fruits						
Ornamental plants	Mary Gold	Basanti		5000		10
	Lily	By Color		2000		10
Medicinal and Aromatic	Mentha	Cim kranti		25000	12000	30
Plantation						
Spices						
	Garlic Bulb	Shanker		120 Kg.	8400	15
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total	**7**			**72000**	**47800**	**135**

Production of Bio-Products-

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Vermicompost	Vermicompost + Nadep Compost	27.8	11120	Use in KVK Nursery & IFS Model
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)	Carrey Nirbhik+ Carrey Shyama	41	21525	18
Japanese Quail	Japanese Quail	66	7920	6
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total		**107**	**29445**	**24**

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	**314**	**266**	**19**	**2198**
Water				
Plant				
Manure				
Others (pl.specify)				
Total	**314**	**266**	**19**	**2198**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Books	
Technical bulletins	
Research Paper	
Lead Papers	
Book Chapters	
Popular Articles	
Newsletters	
Technical reports	
Others (pl. specify)	

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

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

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

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

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

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

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	1
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	42.76
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
7	Super Seeder	57.24
	Total	**100**

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	2019
1.	Awareness programmes conducted at Village Panchayat/ Block/ District Level	6	299
2.	Mobilization of schools and colleges through essay completion, painting, debate etc.	5	1285
3.	Demonstration conducted (ha)	100	79
4.	Training Programmes conducted	4	100
5.	Exposure visits organized	1	55
6.	Field /harvest days organized	-	-
	Total	**117**	**3837**

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	14
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	15
4.	Poster/Banner placed	200
5.	Publicity material - leaflets/ pamphlets etc. distributed	4000
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	100
	Total	**4329**

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

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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