PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2018-March-2019)

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	40	800	00	800
Rural youths	06	60	00	60
Extension functionaries	13	130	00	130
Sponsored Training	15	1554	00	1554
Vocational Training	07	150	00	150
Total	81	2694	00	2694

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds			
Pulses			
Cereals	242	94.4	-
Vegetables	10	2	-
Other crops			
Hybrid crops			
Total	252	96.4	
Livestock & Fisheries			
Other enterprises			
Total			
Grand Total	252	96.4	-

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	2	4	8
Livestock			
Various enterprises			
Total	2	4	8
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	2	4	8

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	1364	9896
Other extension activities	47	-
Total	1411	9896

5. Mobile Advisory Services

				Туре	of Messag	ges		
Name of KVK	Message Type	Crop	Livestoc k	Weather	Marke- ting	Aware -ness	Other enterpris e	Total
	Text only	42						42
	Voice only	1220		26		20		1286
	Voice & Text both							
	Total Messages	1262		26		20		1328
	Total farmers Benefitted	1262		26		20		1328

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	225	399375.00
Planting material (No.)	6150	1680.00
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	02
2	Conferences	02
3	Meetings	18
4	Trainings for KVK officials	04
5	Visits of KVK officials	-
6	Book published	-
7	Training Manual	-
8	Book chapters	05
9	Research papers	04
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	-
13	Proceedings	01
14	Award & recognition	01
15	On going research projects	-

DETAIL REPORT OF APR-2018-19

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office FAX		
KRISHI VIGYAN KENDRA, SHAMLI , DISTT SHAMLI (U.P.)	9411448594	1	kvkshamli@gmail.com

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

Address	Telephor	ephone			E mail
	Office	FAX			
DIDECTOR ATTE			0121-	0121-	deesvpuat2014@gmail.com
DIRECTORATE OF EXTENSION		2888511	2888505		
S.V.P.Univ. of Ag	S.V.P.Univ. of Agril. & Tech., Meerut.			2888540	

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

Name		Telephone / Con	tact				
	Residence	esidence Mobile Email					
Dr.Satish Kumar			kvkshamli@gmail.com				

1.4. Year of sanction: 2018

1.5. Staff Position (as on 30th March, 2019)

SI. No.	Sanctioned post	Name of the incumbent	Design- ation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman- ent /Temp- orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr.satish kumar	Head	Extension	37400- 67000	10000	27-12- 96	Permanent	OBC		56	
2	Subject Matter Specialist	Dr.S.P. Singh	SMS	Agronomy	15600- 39100	8000	11-12- 03	Permanent	OBC		56	
3	Subject Matter Specialist	Dr. Onkar Singh	SMS	Horticulture	15600- 39100	8000	17-12- 03	Permanent	SC		50	
4	Subject Matter Specialist	Dr. Vikas Kumar	SMS	Plant Breeding	15600- 39100	7000	26-12- 08	Permanent	OBC		38	
5	Subject Matter Specialist	-										
6	Subject Matter Specialist	-										
7	Subject Matter Specialist	-										
8	Programme Assistant	-										
9	Computer Programmer	-										
10	Farm Manager	-										
11	Accountant / Superintendent	-										
12	Stenographer	-										
13	Driver	Sh. Harish Kant	Driver		5200- 20200	2800	1-1-97	Permanent	GEN		45	
14	Driver	-										
15	Supporting staff	ShSatish	Messanger		4440- 7440	2400	1-1-97	Permanent	GEN		50	
16	Supporting staff	Neelam	Peon		4440- 7440	2400	18-3- 17	Permanent	GEN		40	

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	Nil
2.	Under Demonstration Units	Nil
3.	Under Crops	6.100
4.	Orchard/Agro-forestry	Nil
5.	Others (specify)	2.447

1.7. Infrastructural Development:

A) Buildings

		Source	Stage					
S.	Name of	of	Complete			Incomplete		
No.	building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	Nil						
2.	Farmers Hostel	Nil						
3.	Staff Quarters (6)	Nil						
4.	Demonstration Units (2)	Nil						
5	Fencing	ICAR	31.03.08	1000 mtr	19.21 lac	Incomplete		
6	Rain Water harvesting system	Nil						
7	Threshing floor	ICAR	31.03.08	300 sqm	2.33 lac			
8	Farm godown	nil						

B) Vehicles

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

C) Equipments & AV aids

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

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

SI.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	28.02.19	Dr.Gopal Singh	Targets regarding Trg., FLD, OFT, Seed and planting material and other extension activity should be fixed as per ICAR norms.	
2.		Sh. Vikas Kumar, PPO	In OFT on IDM and IPM, only recommended pesticides/ fungicides need to be incorporated.	Recommended & & recently released pesticides were given to farmers in OFT and

			demonstrations.
3	Dr.R.K.Naresh	FLD in oilseed and pulses and other than oilseed and pulses need to categorize separately in action plan.	Subject wise FLDs are given in annual action plan.
4	Smt.Neeraja Singh, BSA	Farm women empowerment should be focused in trg. program of home science.	Target will be achieved after joining of home Scientist.
5	Dr.D.K.Singh,	Trg. should be conducted on dairy management and vocational trg. program.	SMS (Animal Science) is not available at centre.
6	Dr.S.Kumar, DDAg.	Linkage with ATMA, RKVY, NHM and other agencies should be more.	Linkage with ATMA, RKVY, NHM and other agencies in all programme
7	Dr.S.Kumar, DDAg.	More emphases should be given on Organic farming.	KVK have already conducted 200 demonstration on organic farming by the use of west decomposer.
8	Dr.satyaPrakesh	Suggested intercropping with sugarcane of veg. and flower cultivation.	Suggestions has been incorporated in action plan to conducted FLD in coming season
9	Sh.Rajnesh Singh, Prograssive Farmer's	Training Programme should be organized before sugarcane planting	Organized Gosthi with collebration of sugar mill before sugarcane planting

2. DETAILS OF DISTRICT (2018-19)

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

<u> </u>	2.1 Major farming dystemore interprises (based on the analysis made by the rever)					
S. No	No Farming system/enterprise					
1	> S. Cane based + A.H+ Horticulture					
2	S. Cane based + A.H+ Horticulture					
3	S. Cane based + A.H+ Vegetable + Floriculture					
4	> S. Cane based + A.H + Horticulture					

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

S. No	Agro-climatic Zone	Characteristics
1.	AES-1	More than 85% Area, Sandy Loam Soil
2.	AES-2	More than 95% irrigated, Loam
3.	AES-3	More than 95%, Sandy Loam
4.	AES-4	Low Water table area, Loam & Sandy Loam soil

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in
			ha

		Soil particle Diameter (mm)	Water holding capacity	
1.	Sandy	2 - 0.2 mm,	Poor	
2.	Sandy loam	0.2 - 0.02 mm,	Medium	
3.	Loam	0.02 - 0.002 mm	Average	
4.	Clay loam	>than 0.002 mm	Good	
		Total		

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Sugarcane	61358	50880507.92	829.24
2.	Wheat	49142	2086077.90	42.45
3.	Paddy	8200	348500	42.50
4.	Urd	350	2905	8.30
5.	Mung	-		
6.	Lentil	89	614.10	6.90
7.	Gram	60	651.00	10.85
8.	Pea	170	2340.9	13.77
9.	Pigeon Pea	-		
10	Mustard	951	9376.86	9.86
11	Sunflower	-		
12	Potato	96	22080	230.00
13	Cotton	-		
14	Maize	-		
15	Arhar	-		

2.5. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)
		Maximum Minimum		
-				

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

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

Category	Area	Production	Productivity
Fish			

Marine		
Inland		
Prawn		
Scampi		
Shrimp		

2.7 Details of Operational area / Villages (2018-19)

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

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

2.8 Priority/thrust areas

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

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

2.9 Intervention/ Programmes for the doubling the farmers income – during 2018-19

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.									
This intervention will	This intervention will be incorporate in our next year action plan.								

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.							
(D) : D: : : : : : : : : : : : : : : :	•	1					

This Discussion will be incorporate in our next year action plan.

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.							

This Discussion will be incorporate in our next year action plan.

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 vield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
interventions	Tielu(q/na)	Tielu(q/na)	yield(q/iia)	cultivation(185/11a)		Kano	any

Mono Cropping System(Kharif-Rabi-					
,					
Zaid) -Livestock etc.					
This Discussion will b	e incorporate in o	our next year action	on plan.		

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.			, , , , , , , , , , , , , , , , , , ,	33331			<u>-</u>
This Discussion will b	e incorporate in	our next year acti	on plan.				

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

			Ratio	any
Relay Cropping System(Kharif-Rabi- Zaid)-Livestock etc.				

This Discussion will be incorporate in our next year action plan.

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.							

This Discussion will be incorporate in our next year action plan.

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.											
This Discussion will b	This Discussion will be incorporate in our next year action plan.										

This Discussion will be incorporate in our next year action plan.

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

	lain crop ield(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.							

This Discussion will be incorporate in our next year action plan.

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.							

This Discussion will be incorporate in our next year action plan.

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 2018-19

OFT (Te	chnology Asses	sment an	d Refinement)	FLD (Oilseeds, Pulses, Cotton, Other				
				Crops/Enterprises)				
	•	1		2				
Numb	per of OFTs	Total ı	no. of Trials	Area in ha Number of Farmers				
Targets	Targets Achievement Targets Achievement		Targets	Achievement	Targets	Achievement		
6	2	8 8		50	96.4	200	252	

		onsored, v ler Rainwate	Extension Activities						
Number of Courses Number of Participants					Numb activ			Number of participants	
Clientele	Targets	Achieve ment	Targets	Achievem ent	Targets	Achiev ement	Targets	Achievem ent	
Farmers	40	40	800	800	15	15	1554	1554	
Rural youth	06	06	60	60	07	07	150	150	
Extn.	13	13	130	130					
Functionaries Total	59	59	990	990	22	22	1604	1604	

	Seed Produc	tion (Qtl.)	Planting material (Nos.)				
	5		6				
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers		
200	225	Supply to state seed production agency	5000	6150	230		

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various Crops by KVKs

Thematic areas		* *	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation	Wheat	Varietal evaluation of late sown high yielding variety	2	4
	Okra	Varietal evaluation of high yielding variety	2	4
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
-				

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				

		10
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
-					

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

VARIETAL EVALUATION

Problem definition: Low productivity of Wheat.

Technology Assessed or Refined: To find out suitable timely sown wheat variety .

Table Performance of Wheat varieties.

Technology Option	No.of trials	No of tiller/m	Plant height at flowering stage	Yield (qt/ha)	Increase in Yield (%)	B:C Ratio
T_1 = Farmers Practice (PBW-373)	02	305	81	39.50		1.94;1
$T_2 = DBW-71$		345	76	46.70	18.22	2.23:1

Problem definition: low productivity in okra.

Technology Assessed: To find out the production potential through improved varieties of Okra...

Table Performance of improved varieties of Okra.

Technology Option	No.of trials	Cost of production/Rs/ha	Market rate (Rs /q)	Yield (qt/ha)	Increase in Yield (%)	B:C Ratio
T ₁ = Farmers Practice (Nitya)	02	50150.00	111750.00	74.5	-	2.22:1
T ₂ = Kashi Kranti		53130.00	137410.00	91.6	22.95	2.58:1

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 s	spread of tech	nnology
					No. of villages	No. of farmers	Area in ha
Nil							

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

b. Details of FLDs implemented during **2018-19** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.**)

SI N o.	Crop	Thema tic area	Technology Demonstrate d	Season and year	Are	ea (ha)	_	. of farme monstrati		Reaso ns for shortf all in achiev ement
					Prop osed	Actual	SC/ST	Others	Total	
1.	Paddy P.B1	VE	Pusa1509	Kharif 2018	2. 4	2.4	02	10	12	-
2.	Paddy P.B1	WM	Hydrogel	Kharif 2018	4	4	-	10	10	-
3.	Wheat PBW- 550	VE	HD-3086	Rabi 2018-19	2	2	1	4	5	-
4.	Wheat PBW- 373	VE	HD-3059	Rabi 2018-19	6	6	4	11	15	-
5.	Wheat PBW- 550	RCT	West decompos er	Rabi 2018-19	80	80	8	192	20 0	-
6.	Caulifl ower Early kawari	VE	GS-75	Rabi 2018-19	1	1	1	4	5	-
7.	Onion N-53	VE	Agrifound light red	Rabi 2018-19	1	1	1	4	5	-

Details of farming situation

Crop	Season	Farming situation	situation Efferinated) Soil type		atus o	f soil	ious crop	ing date	vest date	Seasonal iinfall (mm)	of rainy days
	Š	Fa situ	Sc	N	Р	К	Previous	Sowing	Harv	Seas	Š.
Paddy	Kharif 2018	lr r.	Sandy Loam	L	М	М	Jow ar	12. 07. 18	15. 10. 18	-	-
Paddy	Kharif 2018	lr r.	Sandy Loam	L	М	М	Jow ar	10. 07.	18. 10.	-	-

								18	18		
Wheat	Rabi	lr	Sandy	L	M	M	Pad	15.	22.	-	-
	2018-	r.	Loam				dy	11.	04.		
	19						-	18	19		
Wheat	Rabi	lr	Sandy	L	M	M	S.c	15.	28.	-	-
	2018-	r.	Loam				ane	12.	04.		
	19							18	19		
Wheat	Rabi	lr	Sandy	L	M	M	s.ca	25.	25.	-	-
	2018-	r.	Loam				ne	11.	04.		
	19							18	19		
Caulifl	Rabi	lr	Sandy	L	M	M	Jow	25.	21.	-	-
ower	2018-	r.	Loam				ar	09.	01.		
	19							18	19		
Onion	Rabi	lr	Sandy	L	М	M	carr	02.	25.	-	-
	2018-	r.	Loam				ot	01.	05.		
	19							19	19		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1.Paddy	Short duration and High yield variety Pusa 1509 is better than local variety.
2.Paddy	50% Saving of irrigation water
3.Wheat	Newly release High yield and disease resistance variety is better than local variety.
4.Wheat	Newly release High yield and disease resistance variety is better than local variety.
5.Wheat	Saving of fertilizer
6.Cauliflower	Newly release High yield variety is better than local variety.
7.Onion	Newly release High yield variety is better than local variety.

Farmers' reactions on specific technologies

S. No	Feed Back
1.Paddy	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
2.Paddy	less infestation of Weed and higher yield
3.Wheat	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
4.Wheat	Use of high yield and disease resistance variety appreciated by farmers in terms of productivity and net income.
5.Wheat	Improvement in soil condition and improve in grain quality.
6.Cauliflower	Use of high yield variety appreciated by farmers in terms of productivity and net income.
7.Onion	Use of high yield variety appreciated by farmers in terms of productivity and net income.

Extension and Training activities under FLD

SI.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	14	Sep.2018,Feb.2019	456	-
2	Farmers Training	07	June 2018,Nov.2019	152	-
3	Media coverage	06	-	-	-
4	Training for extension functionaries	08	June 2018,Nov.2019	184	-

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

	Thematic	technology		No. of	Δrea			eld (q/ha)		% Increase	1	nomics of (demonstra /ha)	tion	I	Economics (Rs./	of check ha)	
Crop	Area	technology demonstrated	Variety	Farmers	Area (ha)		Dem		Check	in yield	Gross	Gross	Net	BCR (R/C)	Gross	Gross	Net	BCR
						High	Low	Average			Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Groundnut																		
C																		
Sesamum																		
Mustard																		
เทนจเลเน																		
Toria																		
TUIIA																		
Linseed																		
Liliacca																		
Sunflower																		
Ourmower																		
Soybean																		
- Journ																		
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^{*} 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

_	Thematic	technology		No. of	Area			eld (q/ha)		% Increase	Ecor	nomics of c	demonstra 'ha)	ition	E	conomics (Rs./	of check ha)	
Crop	Area	demonstrated	Variety	Farmers	(ha)		Den .	,	Check	in yield	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
						High	Low	Average	Onoon		Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Pigeonpea																		
Discharge																		
Blackgram																		
C																		
Greengram																		
Chickpea																		
Спіскреа																		
Cialdaga																		
Fieldpea																		
Lentil																		
LOTTE																		
Horsegram																		
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^{*} 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

Thematic	Name of	No. of	Area					% Change			Ecor			ntion	Econ	omics of o	heck (Rs.	/ha)
Area	technology	Farmers	(ha)	High	Demo Low	Average	Check	in Yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Varietal Demonstration	Pusa-1509	12	2.4	47.50	51.600	49.60	42.80	15.88	12	7	31450	109120	77670	3.46	30100	94160	64060	3.12
Water Management	Hydrogel	10	4.0	52.80	44.60	48.20	41.80	15.31	05	10	31980	105600	73620	3.30	28150	88750	60600	3.15
Varietal Demonstration	HD-3086	5	2.0	54.60	61.80	58.80	51.20	14.84	9	6	29280	99960	70680	3.41	26890	87040	60150	3.24
Demonstration									8	4								2.53
RCT		200	80	60.00	52.50	55.00	47.50	15.79	-	-	29273	97350	68077	3.33	30160	84075	53915	2.79
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	Varietal Demonstration Water Management Varietal Demonstration Varietal	Varietal Demonstration Water Management Varietal Demonstration Varietal Demonstration Varietal Demonstration Varietal Demonstration Varietal Demonstration Varietal Demonstration	Varietal Demonstration RCT West 200	Varietal Demonstration Water Management Varietal Demonstration RCT West Vo. of Area (ha) RO. of Area (ha) Area (ha)	Varietal Pusa-1509 12 2.4 47.50 Demonstration Water Management HD-3086 5 2.0 54.60 Varietal Demonstration Varietal Demonstration Varietal Demonstration Varietal Demonstration RCT West 200 80 60.00	Varietal Demonstration Varietal Varietal	Thematic Area High Low Average	Varietal Demonstration Water Management HD-3086 Demonstration HD-3059 HD-3059 TS Demo TS Demo Check Demonstration HD-3059 TS Demo TS Demo Check Demonstration HD-3059 TS Demo TS Demo Check High Low Average Check Low Average Check High Low High Low High High Low High Low High Low High Hig	No. of the technology Farmers No. of Farmers Area (ha) Demo Demo Check (ha) Demo Check (No. of the technology No.	No. of the technology No.	Thematic Area HD-3059 15 6.0 Rot of the technology High technology Rot of the technology	Thematic Area High Low Average Check Change in Yield Demo Check Change in Yield Demo Check Change in Yield Demo Check Cross Gross Gross Gross Gross Cost Check Change in Yield Check Change in Yield Demo Check Check Change in Yield Demo Check Check	Thematic Area Hotel technology Farmers High Low Average High High Low Average High Low Average High High Low Average High Low Average High Hig	Thematic Area Household Household	Thematic Area Horizon High Low Average High High Low Average High High	Thematic Area Thematic Heck Thematic Hec	Thematic Area No. of technology Farmers Change C

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Broccoli																			
Cucumber						•													
Onion																			
	varietal	Agrifound Light Red	6	0.60	282.8	273.5	278.36	238.5	16.71	150	125	95500	334032	238532	3.49	92300	286200	193900	3.10
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Calabana																			
Cabbage																			
Cauliflower	Varietal	GS75	F	1 0	200 5	318.40	310.5	270.8	14.66		-	70105	155250	05050	2.02	77000	135400	63170	1 07
	vanetai	GS/5	5	1.0	290.5	310.40	310.5	270.6	14.00	-	-	70125	155250	85250	2.03	11220	135400	03170	1.07
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^{*} 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	No. of Farmer	No.of Units (Animal/	Major pa	rameters	% change	Other pa		Econom	ics of dem	nonstratio	n (Rs.)	E	conomics (Rs		
		demonstrated		Poultry/ Birds, etc)	Demo	Check	in major parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net	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

Catamani	Thematic	Name of the	No. of	No.of	Major pa	rameters	% change	Other pa	rameter	Econoi	mics of der	nonstratio	n (Rs.)	I	Economic: (R	s of check s.)	
Category	area	technology demonstrated	Farmer	units	Demons ration	Check	in major parameter	Demons ration	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 Manageme nt																	

^{*} 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	No. of Farmer	No.of units	Major par	ameters	% change in major	in major Rs./unit parameter Demo Check Gross Gross Net BCR					(Rs.) or			s of check Rs./unit	
	demonstrated			Demo	Check	parameter	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																

								 20
Value Addition								
								į
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 obse		% change in major	Labor	reduction	(man day	s)	(Rs	Cost redu ha or Rs.		.)
						Demo	Check	parameter	Land preparation	Sowing	Weedin g	Total	Land preparati on	Labour	Irrigati on	Total

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology	No. of Farmer	No. of Units	Yield	(Kg)	% change	Other p	parameters	Eco	nomics of o		ion	I	Economics (Rs./l		
		demonstrated			Demons ration	Check	in yield	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 2018-19)

				_		Yield (q/h	na)		0/ 1	Econo	mics of dem	onstration (Rs.	/ha)
Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)		Demo	:	Check	% Increase in yield	Gross	Gross	Net Return	BCR (R/C)
		-			High	Low	Average	Oncon		Cost	Return	110111010111	(R/C)
Oilseed crop													
Pulse crop													
											•		
Cereal crop													
Vegetable crop													
Fruit crop													
											•		
Other (specify)													
									•				
							•						
i			<u> </u>		<u> </u>		<u> </u>	L	L		<u> </u>	. <u>i</u>	

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				-	Participant	S			
Thematic area	courses		Others			SC/ST		(Frand Total	al
	0001505	Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production		Maic	Temare	Total	iviaic	Temare	Total	Marc	Temare	Total
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	+	 								1
Nursery raising	+	 		1						1
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)	1									
Total (b)										
c) Ornamental Plants	1									
Nursery Management	1									
Management of potted plants	1									
Export potential of ornamental plants	1									
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)	1	<u> </u>								
e) Tuber crops	1									<u> </u>
Production and Management technology	1									<u> </u>
Processing and value addition	1	ļ								
Others (pl specify)			ļ	ļ					ļ	<u> </u>
Total (e)	1									1
f) Spices										
Production and Management technology										
Processing and value addition										<u> </u>
Others (pl specify)										<u> </u>
Total (f)										

		
		
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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 Pish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material production Bio-gents production Bio-gents production Bio-fertilizer production Organic manures production Production of Bee-colonies and wax sheets Small tools and implements Production of Fish feed Mushroom Production Production of Bee-colonies and wax sheets Small tools and implements Production of Fish feed Mushroom Production Apiculture Others (pl specify) Others (pl specify	
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 Bio-agents production Bio-pesticides production Bio-pesticides production Vermi-compost production Production of fry and fingerlings Production of Bee-colonies and wax sheets Small tools and implements Production Apiculture Diters (pl specify) Total Read of the seed of the seed of the short of the seed o	
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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 Fish feed Mushroom Production Apiculture Others (pl specify) Total	
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	
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	
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	
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	
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	
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	
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	
Small tools and implements Production of livestock feed and fodder Production of Fish feed Mushroom Production Apiculture Others (pl specify) Total	
Production of livestock feed and fodder Production of Fish feed Mushroom Production Apiculture Others (pl specify) Total	
Production of Fish feed	
Mushroom Production	
Apiculture Others (pl specify) Total Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify) Others (pl specify)	
Others (pl specify) Total	
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	1
XI Agro-forestry	
Production technologies	1
Nursery management	1
Integrated Farming Systems	+
Others (pl specify)	+
Total	
GRAND TOTAL	+

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of				I	Participant	ts			
	courses		Others			SC/ST		(Frand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	3	45		45	15		15	60		60
Resource Conservation Technologies	3	48		48	12		12	60		60
Cropping Systems										
Crop Diversification	1	18		18	2		2	20		20
Integrated Farming										
Micro Irrigation/irrigation	4	68		68	12		12	80		80
Seed production	15	274		274	26		26	300		300
Nursery management	1	20		20				20		20
Integrated Crop Management	1	17		17	3		3	20		20
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs										

Others (planesify)	1 2	1 20	20	2	1 1	2	l 40		33
Others (pl specify) Total	30	38 528	38 528	72 72		2 72	40 600		600
II Horticulture	30	320	320	14		14	000		
a) Vegetable Crops									
Production of low value and high valume crops									
Off-season vegetables	1	16	16	4		4	20		20
Nursery raising	1	10	10				20		
Exotic vegetables									
Export potential vegetables									
Grading and standardization									
Protective cultivation	3	58	58	2		2	60		60
Others (pl specify)	3	30	30				00		
Total (a)	4	74	74	6		6	80		80
b) Fruits	 	/ -	/-	U			- 00		- 00
Training and Pruning	2	32	32	8		8	40		40
Layout and Management of Orchards	2	32	32	- 0		0	40		
Cultivation of Fruit	2	38	38	2		2	40		40
Management of young plants/orchards		30	30				40		
Rejuvenation of old orchards	+								
Export potential fruits	-								
Micro irrigation systems of orchards	1	20	20	0		0	20		20
Plant propagation techniques	1	20	20	U		U	20		20
Others (pl specify)									
Total (b)	5	90	90	10	 	10	100		100
c) Ornamental Plants	3	90	90	10	 	10	100	+	100
,									
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)	9	164	164	16		16	180		180
III Soil Health and Fertility Management									
Soil fertility management									
Integrated water management					\perp				
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									
	-	 	 		1				
IV Livestock Production and Management									
IV Livestock Production and Management Dairy Management									

Figgery Management	
Animal Nutrition Management Disease Management Freed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Vin Plant Protection	
Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Islandinary 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 VII Plant Protection VII Plant Protection	
Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Repair and maintenance of farm machinery and implements Repair and maintenance of farm machinery and implements Romal Scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Roal Loss and maintenance of farm machinery and implements Repair and maintenance of farm machinery and implements Roal Scale processing and value addition Post Harvest Technology Others (pl specify) VII Plant Protection	
Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Repair and maintenance of farm machinery and implements Repair and maintenance of farm machinery and implements Romal Scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Design and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small Scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection	
Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total 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	
Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VI Plant Protection	
Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Rural Crafts Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Women and child care Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Others (pl specify) Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Total VI Agril. Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
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	
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	
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	
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	
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	
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	
Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection	
Post Harvest Technology Others (pl specify) Total VII Plant Protection	_
Others (pl specify) Total VII Plant Protection	
Total VII Plant Protection	
VII Plant Protection	
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 Seed Production	
Planting material production	
Bio-agents production	
Bio-pesticides production	
Bio-fertilizer production	

i e		i	•		1	•	i	i	. 33
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	1	13		13	7		7	20	20
Others (pl specify)	1	13		13	7		7	20	20
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	40	705		705	95		95	800	800

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

Thematic area	No. of	Participants								
	courses	Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	3	45		45	15		15	60		60
Resource Conservation Technologies	3	48		48	12		12	60		60
Cropping Systems										
Crop Diversification	1	18		18	2		2	20		20
Integrated Farming										
Micro Irrigation/irrigation	4	68		68	12		12	80		80
Seed production	15	274		274	26		26	300		300
Nursery management	1	20		20				20		20
Integrated Crop Management	1	17		17	3		3	20		20
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs										
Others (pl specify)	2	38		38	2		2	40		40
Total	30	528		528	72		72	600		600
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables	1	16		16	4		4	20		20
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	3	58		58	2		2	60		60
Others (pl specify)										
Total (a)	4	74		74	6		6	80		80
b) Fruits										
Training and Pruning	2	32		32	8		8	40		40
Layout and Management of Orchards										
Cultivation of Fruit	2	38		38	2		2	40		40
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards	1	20		20	0		0	20		20

I m	I	Ī	1 1	i	İ	İ	I	Ì	36
Plant propagation techniques Others (pl specify)									
Total (b)	5	90	90	10		10	100		100
c) Ornamental Plants		70	70	10		10	100		100
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					İ				
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)	9	164	164	16		16	180		180
III Soil Health and Fertility Management									
Coil fartility management									
Soil fertility management									
Integrated water management									
Integrated water management Integrated Nutrient Management									
Integrated water management Integrated Nutrient Management Production and use of organic inputs									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency									
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									
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									
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)									
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									
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									
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									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify)									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development for high nutrient									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development for high nutrient efficiency diet									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development for high nutrient efficiency diet Minimization of nutrient loss in processing									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques									
Integrated water management Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Balance use of fertilizers Soil and Water Testing Others (pl specify) Total IV Livestock Production and Management Dairy Management Poultry Management Piggery Management Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs									

	1	1	1	ı	1	1	1	I	I	37
Location specific drudgery reduction technologies			<u> </u>	 						
Rural Crafts	_			 						
Women and child care	+			 						
Others (pl specify) Total	+	_								
	+	+	 	 						
VI Agril. Engineering Farm Machinary and its maintenance	+	+		 						
Installation and maintenance of micro irrigation	+	+		 						
systems										
Use of Plastics in farming practices	+	-								
Production of small tools and implements	+	-		1						
Repair and maintenance of farm machinery and	+	+								
implements										
Small scale processing and value addition	+	-								
Post Harvest Technology	†	1		1						
Others (pl specify)	1									
Total	1									
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases	1									
Production of bio control agents and bio	1	1								
pesticides				<u>L</u>	<u>L</u>		<u>L</u>		<u> </u>	
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			<u> </u>	ļ						
Pen culture of fish and prawn			<u> </u>	<u> </u>						
Shrimp farming			<u> </u>	<u> </u>						
Edible oyster farming				ļ						
Pearl culture				ļ						
Fish processing and value addition				 						
Others (pl specify)										
Total	+		<u> </u>	 						
IX Production of Inputs at site			<u> </u>	<u> </u>						
Seed Production	+	_		<u> </u>						
Planting material production	+	_		<u> </u>						
Bio-agents production	+	 		 	-					
Bio-pesticides production	+	+	 	 	 		1			
Bio-fertilizer production	+	+	 	 	 		1			
Vermi-compost production Organic manures production	+	+	 	 	-		1			-
Production of fry and fingerlings	+	+	 	 	-					-
Production of fry and fingerlings Production of Bee-colonies and wax sheets	+	+	 	 	-					-
Small tools and implements	+	+	 	 	-					-
Production of livestock feed and fodder	+	+	+	 	1		1			1
Production of fivestock feed and fodder Production of Fish feed	+	+	 	 	 		1	<u> </u>		
Mushroom Production	+	+		 	 					
Apiculture	1	13	 	13	7		7	20		20
Others (pl specify)	1	13	 	13	7		7	20		20
Total	1	13	 	13				20		20
X Capacity Building and Group Dynamics	1	+	+	1	<u> </u>					<u> </u>
Leadership development	1	+	 	1	<u> </u>		1			<u> </u>
Group dynamics	1	1		1						
Formation and Management of SHGs	+	+	 	 	†					†
Mobilization of social capital	1	+	+	1	<u> </u>					<u> </u>
Entrepreneurial development of farmers/youths	1	+	 	1	<u> </u>		1			<u> </u>
WTO and IPR issues	1	+	+	1	<u> </u>					<u> </u>
Others (pl specify)	+	+	†	†	†		1			<u> </u>
Uniters (DI Specify)									•	1
Total	1									

Production technologies							
Nursery management							
Integrated Farming Systems							
Others (pl specify)							
Total							
GRAND TOTAL	40	705	705	95	95	800	800

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

	No. of		No. of Participants SC/ST Grand Total							
Area of training	Courses	Molo		Total	Mala		Total	Mole		Total
Nursery Management of		Maie	remaie	Total	Male	remaie	Total	Male	remaie	Total
Horticulture crops										1
Training and pruning of										
orchards										1
Protected cultivation of										
vegetable crops										1
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										1
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										1
Production of quality animal										
products										<u> </u>
Dairying										
Sheep and goat rearing										
Quail farming										<u> </u>
Piggery										
Rabbit farming										<u> </u>
Poultry production										
Ornamental fisheries										<u> </u>
Composite fish culture										<u> </u>
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)

	No. of				No. of	Participants		ı		
Area of training	Courses	Male	General Female	Total	Male	SC/ST Female	Total	Male	Grand Total Female	Total
Nursery Management of	1	10	remaie	1011	Male	remaie	Total	10	remaie	10
Horticulture crops	•	10		10				10		10
Training and pruning of										
orchards										
Protected cultivation of										
vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production	2	12		12	8		8	20		20
Production of organic inputs										
Planting material production										
Vermi-culture	2	13		13	7		7	20		20
Mushroom Production										
Bee-keeping	1	9		9	1		1	10		10
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	6	44		44	16		16	60		60

$Training \ for \ Rural \ Youths \ including \ sponsored \ training \ programmes - CONSOLIDATED \ (On + Off \ campus)$

	NI 6				No. of	Participants				
Area of training	No. of Courses		General			SC/ST			Grand Tota	ı
	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of	1	10		10				10		10
Horticulture crops										
Training and pruning of										
orchards										
Protected cultivation of										
vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production	2	12		12	8		8	20		20
Production of organic inputs										
Planting material production										
Vermi-culture	2	13		13	7		7	20		20
Mushroom Production										
Bee-keeping	1	9		9	1		1	10		10
Sericulture							•			
Repair and maintenance of										
farm machinery and										

			1				
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	6	44	 44	16	16	60	60

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

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

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

	No. of				No.	of Particip	oants			
Area of training	Courses		General			SC/ST		(Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	3	21		21	9		9	30		30
Integrated Pest Management										
Integrated Nutrient management	1	6		6	4		4	10		10
Rejuvenation of old orchards	3	27		27	3		3	30		30
Protected cultivation technology	1	7		7	3		3	10		10
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										

Women and Child care							
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)	5	41	41	9	9	50	50
TOTAL	13	102	102	28	28	130	130

$\label{thm:constraint} Training\ programmes\ -\ CONSOLIDATED\ (On\ +\ Off\ campus)$

	No. of				No.	of Particip	ants			
Area of training	Courses		General			SC/ST		(Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	3	21		21	9		9	30		30
Integrated Pest Management										
Integrated Nutrient management	1	6		6	4		4	10		10
Rejuvenation of old orchards	3	27		27	3		3	30		30
Protected cultivation technology	1	7		7	3		3	10		10
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
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)	5	41		41	9		9	50		50
TOTAL	13	102		102	28		28	130		130

Table. Sponsored training programmes

	No. of Courses				No. of	f Participa	nts			
Area of training	Courses		General			SC/ST			Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	10	1265		1265	129		129	1394		1394
Commercial production of vegetables	1	43		43	17		17	60		60
Production and value addition										
Fruit Plants	2	34		34	16		16	50		50
Ornamental plants	2	38		38	12		12	50		50
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total	15	1380		1380	174		174	1554		1554
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										

							12
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	15	1380	1380	174	174	1554	1554

Name of sponsoring agencies involved

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

Area of training	No. of	No. of Participants								
	Courses	General			SC/ST			Grand Total		
		Male	Female Total		Male Female Total		Male Female		Tota	
Crop production and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming	1	16		16	4		4	20		20
Others (pl. specify)	1	19		19	11		11	30		30
Total	2	35		35	15		15	50		50
Post harvest technology and value										
addition										l
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,										l
bio-fertilizers etc.	1	11		11	9		9	20		20
Repair and maintenance of farm	- -									
machinery										l
and implements										
Rural Crafts										
Seed production	1	18		18	2		2	20		20
Sericulture Sericulture	1 1									
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching, embroidery,										
dying etc.										l
Agril. para-workers, para-vet training										
Others (pl. specify)	3	34		34	26		26	60		60
Total	5	63		63	37		37	100		100
Agricultural Extension	-			00	3,		- 51	100		100
Capacity building and group	1							1		
dynamics										l
Others (pl. specify)	 							1		
Total	+					 		1		
Grand Total	7	98	+	98	52	+	52	150		150

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	1220	1220		1220
Diagnostic visits	15	90		90
Field Day	12	276		276
Group discussions	10	120		120
Kisan Ghosthi	12	2652		2652
Film Show	5	112		112
Self -help groups	0	0		0
Kisan Mela	10	2365		2365
Exhibition	10	2365		2365
Scientists' visit to farmers field	62	410		410
Plant/animal health camps	0	0		0
Farm Science Club	0	0		0
Ex-trainees Sammelan	0	0		0
Farmers' seminar/workshop	0	0		0
Method Demonstrations	0	0		0
Celebration of important days	3	78		78
Special day celebration	2	58		58
Exposure visits	2	100		100
Others (pl. specify)	1	50		50
Total	1364	9896		9896

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	1
News paper coverage	36
Popular articles	2
Radio Talks	2
TV Talks	6
Animal health amps (Number of animals treated)	0
Others (pl. specify)	0
Total	47

		Type of Messages							
Name of KVK	Message Type	Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total	
	Text only								
	Voice only	1220				20		1240	
	Voice & Text both								
	Total Messages	1220				20		1240	
	Total farmers Benefitted	1220				20		1240	

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 organized			
	Exhibition			
	Film show			
	Fair			
	Farm Visit	arm Visit		
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	io Product distribution (Kg)			
	Bio Fertilizers (q)	io Fertilizers (q)		
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the			
	technology week			

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	wheat	PBW-550		225	399375	Seed coorporation
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						

Others			
Total			

Production of planting materials by the KVKs

Стор	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings	Brinjal	Pusa uttam		100		
8.	chilli	Pusa sadabahar		300		
	Tomato		Pusa hy08	200		
	onion	ALR	·	2300		
	Bottle gourd			250		
Fruits				230		
Tutts						
	Annual	Pusa Basanti				
	ornamental	i usa Dasanti				
Ornamental plants	plant			3000		
Medicinal and Aromatic						
Plantation						
Tantation						
Cminas						
Spices						
m 1						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total				6150		

Production of Bio-Products

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

Table: Production of livestock materials

	Name of the breed	Number	Value (Rs.)	No. of Farmers
Particulars of Live stock			, , ,	
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
KVK Shamli	First 28.02.2019

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number	
Research Paper	2	
Technical bulletins		
Technical reports	4	
Others (pl. specify)	4	
Book chapter	4	

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

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

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

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
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

= 1 5 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers						
Total								

Awareness campaign

Meetings		Gosthies	nies Field day		ays	Farmers fair		Exhibition		Film show		
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers

						17
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 $\sqrt{\text{mark}}$)	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.	Information	Number	Total			Categ	gory of inforn	nation		
No	category	of	number of							
		ATICs	farmers							
			benefitted							
			benefitted	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	Number of farmers
			Rs.	benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			
07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

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 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	01
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	

