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	141	2290	457	2747
Rural youths	07	86	31	117
Extension functionaries	04	70	4	74
Sponsored Training	--	--	--	--
Vocational Training	05	76	6	82
Total	157	2522	498	3020

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	137	58.8	--
Pulses	77	40	--
Cereals	64	26.4	--
Vegetables	35	3.5	--
Other crops	68	19.2	--
Hybrid crops	--	--	--
Total	381	147.9	--
Livestock & Fisheries	--	--	--
Other enterprises	60	16	--
Total	60	16	--
Grand Total	441	163.9	--

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	09	90	90
Livestock	--	--	--
Various enterprises	--	--	--
Total	09	90	90
Technology Refined			
Crops	--	--	--
Livestock	--	--	--
Various enterprises	--	--	--
Total	--	--	--
Grand Total	09	90	90

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	53	1417
Other extension activities	161	929
Total	214	2346

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	52	08	0	0	32	04	96
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**52**	**08**	**0**	**0**	**32**	**04**	**96**
	Total farmers Benefitted	**1794087**	**184583**	**0**	**0**	**931125**	**118157**	**3094378**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	--	--
Planting material (No.)	1000	500
Bio-Products (kg)	235 kg	6100
Livestock Production (No.)	--	--
Fishery production (No.)	--	--

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	253	3030
Water	267	2250
Plant	--	--
Total	**520**	**5280**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	04
2	Conferences	01
3	Meetings	02
4	Trainings for KVK officials	02
5	Visits of KVK officials	01
6	Book published	--
7	Training Manual	--
8	Book chapters	--
9	Research papers	01
10	Lead papers	--
11	Seminar papers	--
12	Extension folder	03
13	Proceedings	01
14	Award & recognition	--
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
Krishi Vigyan Kendra, Rampura–Rewari, 123401 (Haryana)	Office	FAX	bbakvkrr@gmail.com
	01274-222401	--	

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

Address	Telephone		E mail
	Office	FAX	
Shri Bhagwat Bhakti Ashram, Rampura –Rewari, 123401 (Haryana)	01274-222401	--	--

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Kapur Singh	01274-224300	9416475793	kapurrewari@gmail.com

1.4. Year of sanction: 1983

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	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. Kapur Singh	Programme Coordinator	Plant Pathology (Ph D)	37400-67000+ 9000	68141	02.02.01	Permanent	OBC	9416475793	51	kapurrewari @gmail.com
2	Subject Matter Specialist	Sh. V. J. Singh	Subject Matter Specialist	Agronomy (M. Sc.)	15600-39100+ 5400	37299	10.10.95	Permanent	Other	9416214811	52	jeetm67 @gmail.com
3	Subject Matter Specialist	Dr. Pramod Kumar	Subject Matter Specialist	Horticulture (Ph D)	15600-39100+ 5400	30838	24.07.95	Permanent	OBC	8930820968	53	pkyrnm@ gmail.com
4	Subject Matter Specialist	Vacant	Subject Matter Specialist	Animal Sci.	15600-39100+ 5400	--	--	--	--	--	--	--
5	Subject Matter Specialist	Vacant	Subject Matter Specialist	Agri. Extn.	15600-39100+ 5400	--	--	--	--	--	--	--
6	Subject Matter Specialist	Er. Raj Kumar	Subject Matter Specialist	Agri. Engg. (M. Tech.)	15600-39100+ 5400	25826	24.04.2011	Permanent	OBC	9416926163	38	rajguru567 @gmail.com
7	Subject Matter Specialist	Anil Kumar Yadav	Subject Matter Specialist	Soil science (M. Sc.)	15600-39100+ 5400	25074	02.07.12	Permanent	OBC	9813719455	39	anilyadav 878@gmail. com
8	Programme Assistant	Smt. Rajkumari	Programme Assistant	Home Science B.sc (Home Sc.)	9300-34800+ 4200	26464	01.05.92	Permanent	OBC	9996037744	48	rajbhatotiya @rediffmail. com
9	Computer Programmer	Smt. Ritu Yadav	Computer Programmer	Official MCA (Comp. Sc.)	9300-34800+ 4200	16604	11.03.11	Permanent	OBC/PH	9466517139	43	rituyadav .yadav122@ gmail.com
10	Farm Manager	--	--	--	--	--	--	--	--	--	--	--
11	Accountant / Superintendent	Shri Dilip Kumar	Accountant / Superintendent	Official (B.com)	9300-34800+ 4200	21190	30.11.05	Permanent	Other	8901094242	42	dilipkumar kvk@gmail. com
12	Stenographer	Sh. Davender Kumar	Stenographer	Official (Matric)	5200-20200+ 2400	13320	01.04.95	Permanent	OBC	9466885450	48	sendavender @gmail.com
13	Driver	Vaccant	Driver	Driver	5200-20200+ 2000	--	--	--	--	--	--	--
14	Driver	Sh. Hariom	Driver	Driver (Middle)	5200-20200+ 2000	13320	01.06.95	Permanent	OBC	8930565377	54	--
15	Supporting staff	Sh. Narain	Supporting staff	Supporting Staff (Middle)	5200-20200+ 1800	11377	28.04.84	Permanent	OBC	8570852800	56	--
16	Supporting staff	Sh. Tekchand	Supporting staff	Supporting Staff (Middle)	5200-20200+ 1800	11046	28.04.84	Permanent	Other	9991528555	60	--

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.8
2.	Under Demonstration Units	2.0
3.	Under Crops	13.0
4.	Orchard/Agro-forestry	3.0
5.	Others (specify)	--
		20.8

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	--	496.4	--	--	--	--
2.	Farmers Hostel	-do-	--	321.2	--	--	--	--
3.	Staff Quarters (6)	-do-	--	318.0	--	--	--	--
	1	-do-	--	79.5	--	--	--	--
	2	-do-	--	79.5	--	--	--	--
	3	-do-	--	79.5	--	--	--	--
	4	-do-	--	79.5				
	5	--	--	--	--	--	--	--
4.	Demonstration Units (2)	-do-	--	--	--	--	--	--
		-do-	--	--	--	--	--	--
5	Fencing	-do-	--	--	--	--	--	--
6	Rain Water harvesting system	-do-	--	--	--	--	--	--
7	Threshing floor	--	--	--	--	--	--	--
8	Farm godown	--	--	--	--	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep	31.3.2006	4,98,741.00	6978	Good
Tractor	30.3.1998	2,85,000.00	12742 hrs	Condemned

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
AV aids			
LCD Projector	2007	89,836/-	Good
Camera	2016	25,000/-	Good
Colour T.V.	2001	22,000/-	Good
Microscope	2010	99,500/-	Good
Refrigerator	2010	40,000/-	Good
Office Equipment			
Computer Dell -5	2008	3,00,000/-	Good
Laptop	2007	30,680/-	Good
Photostat machine	2010	99,950/-	Good
Computer etc.(NATP)	2010	28,000/-	Good
Fax machine with printer	2010	12,590/-	Good
Auto clave Vertical	2010	60,000/-	Good
Bodinculator	2010	89,000/-	Good
Laminar Air flow	2010	64,000/-	Good
Micro oven	2010	5,300/-	Good
Hand Operated Aonla pickle machine	2013	5,262/-	Good
Soil Testing kit	2015	75,000/-	Good
Water Cooler with RO	2016	50,000/-	Good
GPS 9645 with STI	2016	19,687/-	Good
Farm equipments			
Cultivator	1990	7,500/-	Good
Thresher	2001	50,000/-	Good
ZT machine	2012	47,500/-	Good

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1	3.12.2018	Hon'ble Rao Inderjit Singh ji, Minister of State, Planning (Independent Charge) Chemicals & Fertilizers and **Chairman** KVK, Rampura- Rewari	Rice cultivation should be discouraged Economics of Rice, Bajra, and cotton in kharif and wheat, mustard & barley in rabi crops should be studied Training programme on value addition in milk should be organized CFLD on mustard var. RH-725 should be conducted Impact assessment for vocational training should be done Organization of awareness programme for members of kisan club	Action to be taken
2		Dr. M.S.Meena, Principal Scientist, ICAR, ATARI, Zone-II, Jodhpur		
3		Dr. Yashpal Yadav, Regional Director, RRS, CCS HAU, Bawal		
4		Dr. Deepak Yadav Deputy Director Agriculture, Rewari		
5		Dr. Pinky Yadav, District Horticulture Officer, Rewari		
6		Dr. Naseeb Singh, Deputy Director Animal Husbandry, Rewari		
7		Dr. Pooja Yadav, District Fishery Officer, Rewari		
8		Smt. Lata Sharma, District Programme Officer, Rewari		
9		Sh. Vishal Sharma District Development Manager (NABARD) Rewari		
10		Sh. Deepak Gupta, Chief LDM, Lead Bank, Rewari		
11		Rao Ram Singh, Rewari		
12		Mrs. Kusum Yadav, Rewari		
13		Dr. Kapur Singh, Member Secretary		
14		Dr. Prem Kumar, H.D.O. Rewari		
15		Smt. Suman Yadav, CDPO, Rewari		

Note : This yellow mark may be treated as an example
**** Attach a copy of SAC proceedings along with list of participants***

2. DETAILS OF DISTRICT (2018-19)

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

S. No	Farming system/enterprise
1.	Agriculture + Animal Husbandry
2	Agricultural + Animal Husbandry + Horticulture

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

S. No	Agro-climatic Zone	Characteristics
1	**Western Zone (HR 2)**	**Climate:** The district falls under hot and semi-arid climatic zone with extremes of temperature (2.0^0C-47^0C) in months of December & January are of severe cold and the months of May & June are of bitter summer. Because of the touch of Rajasthan this district faces dusty storms in summer season.. Average rainfall was 300-500 mm. **Soil Type:** The Soil texture of the district varies from sandy to loamy sand. The district has around 90.00% soils under loamy-sand texture. Being coarse textured the soils are poor in water as well as in nutrient retention. In the district, 99% soils are low in organic carbon, whereas 50.8% soils are low in P, but 90 % soils are in medium to high category of K. The soils are also deficient in S and micro-nutrients Zn and Fe to the extent of 30, 70 and 10 % respectively.
2	**Agro ecological situation**	**Characteristics**
A.	**AES – I (Comprising Jatusana & nahar Block)**	The soils are loamy-sand soil having restricted tube-well water irrigation pH ranging from 8-10 with poor quality of irrigation water. The soils are generally low in N, low to medium in P&K and low to medium in Zn & Fe etc. the main cropping systems are Bajra- wheat and bajra-mustard.
B.	**AES – II (Comprising Bawal, Khol and Rewari Block)**	The soils are sandy to loamy sand having moderate tube-well irrigation. The soils are low in N, medium to high in P&K and low to high in Zn, Fe and S etc. The main cropping system is Bajra-wheat, Guar-Wheat and Guar-Mustard.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	**Loamy sand**	The soils are loamy-sand soil having restricted tube-well water irrigation pH ranging from 8-10 with poor quality of irrigation water. The soils are generally low in N, low to medium in P&K and low to medium in Zn & Fe etc. the main cropping systems are Bajra-wheat and bajra-mustard.	108000
2.	**Sandy loam**	The soils are sandy to loamy sand having moderate tube-well irrigation. The soils are low in N, medium to high in P&K and low to high in Zn, Fe and S etc. The main cropping system is Bajra-wheat, Guar-Wheat and Guar-Mustard.	53000

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1	Wheat	46000	2250000	48.91
2	Mustard	66000	1510000	22.87
3	Barley	1000	50000	50.00
4	Paddy	2000	50000	25.00
5	Bajra	68000	1330000	19.55
6	Cotton	8000	230000	28.75

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April	18.8	41.50	22.10	40.00
May	5.8	37.80	23.35	51.00
June	84.5	39.82	23.78	57.00
July	202.3	34.52	26.47	83.50
August	114.3	33.58	25.44	84.00
September	213.8	31.78	22.95	90.50
October	0.0	35.00	16.55	84.25
November	3.0	27.40	10.30	86.00
December	0.3	21.40	4.60	92.00
January	13.8	18.90	5.60	91.00
February	8.3	20.60	8.20	91.00
March	6.3	25.60	10.10	84.00

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

Category	Population	Production	Productivity
Cattle			
Crossbred	36674	--	--
Indigenous	46522	--	--
Buffalo	237615	--	--
Sheep			
Crossbred	1014	--	--
Indigenous	8684	--	--
Goats	23237	--	--
Pigs			
Crossbred	1781	--	--
Indigenous	2688	--	--
Rabbits	26	--	--
Poultry			
Hens	1654	--	--
Desi	1099	--	--
Improved	555	--	--
Ducks	34	--	--
Turkey and others	02 & 4013	--	--

Category	Area	Production	Productivity
Fish	514.8 ha	3385 tonns	6.57 tonns/ha
Marine	--	--	--
Inland	--	--	--
Prawn	--	--	--
Scampi	--	--	--
Shrimp	--	--	--

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

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1		Khol	Mandola, Nimoth, Manethi, Dhawana, Khaleta,Ahrod Dhani Kolana	Bajra, guar, mustard, wheat, dairying, ber, citrus, marigold, bottle guard, okra, brinjal	• Unbalanced use of fertilizer & high doses of pesticides, problematic soil & water	• ICM,IPM, INM according to soil test bases
2		Rewari	Khijuri, Rasgan, Dungarwas, Khatawali, Khaliyawas	Bajra, guar, mustard, wheat, dairying, ber, okra, bottle guard	❖ Unbalanced use of fertilizer & high doses of pesticides, problematic soil & water	ICM,IPM , INM according to soil test bases
3		Nahar	Nahar,Bharangi,Kohard,Jholri,Khurshid nagar	Bajra,cotton,mustard,barley, vegetables	❖ Unbalanced use of fertilizer & high doses of pesticides, problematic soil & water	• ICM,IPM , INM according to soil test bases

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Mustard	• Integrated pest management (IPM) • Integrated Nutrient Management (INM) • Weed management
Wheat	• Seed treatment • Weed management • High yielding varieties
Bajra	• Integrated Nutrient Management (INM) • Gap filling • Weed management
Moong	• Seed treatment • High yielding varieties • Weed management
Guar	• Integrated disease management (IDM) • Weed management
Cucurbits	• High yielding varieties • Seedling raising and early cultivation • Poly tunnel cultivation • Integrated pest management (IPM)
Onion	• High yielding varieties • Nursery raising and transplanting • Onion thrips and purple blotch management
Brinjal	• High yielding varieties • Nursery raising and transplanting • Integrated disease management (IDM) • Fruit and shoot borer management
Tomato	• High yielding varieties • Integrated Nutrient Management (INM) • Integrated disease management (IDM)
Okra	• Mosaic resistant high yielding varieties • Sowing time and method • Fruit borer management
Ber	• Powdery mildew management • Fruit fly management
Aonla	• Integrated Nutrient Management (INM) • Value addition
Guava	• Integrated Nutrient Management (INM) • Fruit fly management
Citrus fruits	• Integrated Nutrient Management (INM) • Fruit drops and splitting management • Integrated disease management (IDM)
Marigold	• High yielding varieties • Nursery raising and transplanting • Seed production
Dairy farming	• Dairy farming
Poultry farming	• Poultry farming
Agricultural Engineering	• Recourse conservation technology • Post harvest technology • Drip and sprinkler irrigation system
Agricultural Extension	• Formation of SHG and farmers' club • Capacity building • ICT and its application
Home Science	• Tailoring and stitching • Preservation of fruits and vegetables • Value addition in aonla

* An example for guidance only

IV. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2018-19

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
10	09	100	90	149	147.9	381	381
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	141	141	2747	2747	214	214	2346	2346
Rural youth	07	07	117	117	--	--	--	--
Extn. Functionaries	04	04	74	74	--	--	--	--
--	--	--	--	--	--	--	--	--

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
--	--	--	--	1000	10
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	Mustard	Micro nutrient management in Mustard	10	10
	Wheat	Micro nutrient management in Wheat	10	10
	Pearl millet	Integrated Nutrient Management in Pearl millet	10	10
Varietal Evaluation				
Integrated Pest Management	Marigold	Suitable sowing times of French Marigold	10	10
	Ber	Management of Pre –mature fruit drop in Ber orchard	10	10
Integrated Crop Management	Wheat	Asses wheat variety HD-3086 with HD-2968 (Local check)	10	10
Integrated Disease Management	Tomato	Root knot nematodes management in tomato by adopting resistant variety its cultivation.	10	10
Small Scale Income Generation Enterprises				
Weed Management	Pea	Twine Hand Wheel Hoe	10	10
Resource Conservation Technology				
Farm Machineries	Wheat	Land prepared by MB Plough+Rotavator	10	10
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			**90**	**90**

Summary of technologies assessed under livestock by KVKs

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

Summary of technologies assessed under various enterprises by KVKs

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

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

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

WEED MANAGEMENT

Problem definition: *Low yield and high heavy infestation of weed in pea*
Technology Assessed or Refined (as the case may be): *Weed control by twine hand wheel hoe on pea yeild in Rewari (Hry.)*

KVK Rampura-Rewari (Hry.) took up on farm trial on weed management by twine hand wheel hoe (one hoeing before 1st irrigation and 2nd after 2nd irrigation) in pea. The result indicated that the use of twine hand wheel in two times increases the yield over no weeding.

Table Effect of twine hand wheel hoe in weed control & yield of pea

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
No weeding (Farmers Practice)	*10*	*23.00*	--	*62500*	*3.12*
Twine Hand Wheel Hoe (Recommended Practice)		*26.60*	*11.54*	*75900*	*3.49*

PEST AND DISEASE MANAGEMENT

Problem definition: Pre –mature fruits drop in Ber orchard effecting yield loss 30%
Technology Assessed or Refined (as the case may be): Management of Pre –mature fruit drop in Ber orchard

Ber is an important commercial crop of Southern Haryana. However, there is ***Pre –mature fruits drop in Ber orchard*** *resulting in yield loss. KVK Rampura, Rewari conducted on-farm trial for management of* ***Pre –mature fruits drop in Ber orchard. assess technology*** *two spray of urea(1.5%) & ZnSO4(0.5%)in the months of July & November. Reduced the* ***Pre –mature fruits drop*** *percentage from 22 to 05 and yield was increased by 20 per cent.*

Table Effect of Urea & Zinc in control of Pre –mature fruits drop

Technology Option	*No.of trials*	*Pre-mature Fruit drop (%)*	*Yield (tonn/ha)*	*% Increase in yield over farmer's practice*	*Net Returns (Rs. in lakh./ha)*	*BC Ratio*
Control (FP)	*10*	*22*	*20*	--	*250000*	*2.67*
Two spray of urea (1.5%) & zinc sulphate (0.5%) in the month of July & Nov. in 500 lt of water (Recommended Practice)		*05*	*24*	*20%*	*320000*	*3.0*

PEST AND DISEASE MANAGEMENT

Problem definition: Yield loss of French Marigold due to sowing in unsuitable time
Technology Assessed or Refined (as the case may be): *Suitable sowing times of French Marigold*

Marigold is an important commercial crop of Southern Haryana. Now, area increasing of French Marigold for supplying flowers round the year. Farmers are not sowing suitable time therefore, yield loss around 20-30%. KVK, Rewari conducted on-farm trial to find out suitable times of sowing to enhance the French marigold yield. The ***assessed technology sowing in 1st Fortnight of September was found to better in comparison to 1st Fortnight of August. Yield increase 25 percent.***
Table Effect of Sowing time on yield of French Marigold

Technology Option	***No.of trials***	***Yield (tonn/ha)***	***% Increase in yield over farmer's practice***	***Net Returns (Rs. in lakh./ha)***	***BC Ratio***
Sowing in 1st Fortnight of August (FP)	*10*	*12*	*--*	*165000*	*3.20*
Sowing in 1st Fortnight of September (Recommended Practice)		*15*	*25*	*250000*	*4.00*

PEST AND DISEASE MANAGEMENT

Problem definition: *Heavy infestation of root knot nematodes in tomato effecting in yield loss 10%*
Technology Assessed or Refined (as the case may be): *Root knot nematodes management in tomato by adopting resistant variety its cultivation.*

Tomato is an important commercial crop of Southern Haryana. However, there is high infestation of root knot nematodes resulting in yield loss. KVK Rampura, Rewari conducted on farm trials to asses the root knot nematodes resistance variety (Pusa Hybrid 2) against nematodes problem reduce percentage of nematodes infestation 3-0 and yield increase 5.28 %.

Table Effect of resistant varieties to control root knot nematodes problem.

Technology Option	***No.of trials***	***Infestation of*** *root knot nematodes*	***Yield (tonnes/ha)***	***% Increase in yield over farmer's practice***	***B:C ratio***
Pusa Hybrid -4 (FP)	*10*	*03*	*41.0*	*5.28*	*3.20*
Pusa Hybrid -2		*--*	*50.50*	*25.80*	*3.36*

***NUTRIENT* MANAGEMENT**

Problem definition: *Lower productivity and profitability in Mustard cultivation due to deficiency of micro nutrients in the soil.*

Technology Assessed or Refined (as the case may be): Micro *nutrient management in Mustard*

KVK, Rewari conducted on-farm trial to find out appropriate micro nutrient management practice to enhance the Mustard productivity. The ***assessed or refined (as the case may be)*** *practice of soil application of Zinc sulphate & sulphur @ 25kg/ha. was found to be better with 16.52 % increase in yield.*

Table Assessment of Micro nutrients on the yield of mustard.

Technology Option	***No.of trials***	***Plant height (cm)***	***No. of Siliquae/plant***	***No. of seeds/ Siliquae***	***Test wt.(g) 1000-grain wt.***	***Net Return(Rs./ha)***	***Yield (kg./ha)***	***Increase in Yield (%)***	***B:C Ratio***
No application of Zinc sulphate and sulphur (Farmers Practice)	*10*	*202*	*90.2*	*18.4*	*5.2*	*69908*	*2360*	*--*	*3.09*
$Zn SO_4$ @ 25kg/ha. & Sulphur @ 25kg /ha. (Recommended Practice)		*190*	*82.4*	*16.5*	*4.4*	*81363*	*2750*	*16.52*	*3.38*

NUTRIENT MANAGEMENT

Problem definition: *Lower productivity and profitability in Wheat cultivation due to deficiency of micro nutrients in the soil.*

Technology Assessed or Refined (as the case may be): Micro *nutrient management in Wheat*

KVK, Rewari conducted on-farm trial to find out appropriate micro nutrient management practice to enhance the Wheat productivity. The ***assessed or refined (as the case may be)*** *practice of soil application of Zinc sulphate @ 25kg/ha. &Foliar application of 0.5% Ferrous sulphate was found to be better with 15.46% increase in yield.*

Table Assessment of Micro nutrients on the yield of Wheat.

Technology Option	***No.of trials***	***Plant height (cm)***	***No. of grains/spike***	***Test wt.(g) 1000-grain wt.***	***Net Return(Rs./ha)***	***Yield (kg./ha)***	***Increase in Yield (%)***	***B:C Ratio***
No application of Zinc sulphate and Ferrous sulphate (Farmers Practice)	*10*	*101.5*	*40.8*	*42.9*	*61983*	*4850*	*--*	*2.17*
$Zn SO_4$ @ 25kg/ha. & Ferrous sulphate @ 0.5% foliar application (Recommended Practice)		*92.5*	*36.6*	*39.4*	*78828*	*5600*	*15.46*	*2.48*

RESOURCE CONSERVATION

Problem definition: *Lower productivity and high cost of land preparation (engg.)*

Technology Assessed or Refined (as the case may be): Enhancement of wheat yield and reduces cost of cultivation through uses of advance farm implements (M.B. plough + rotavator) in Rewari (Hry.)

The KVK Rewari (Hry.) conducted on farm trial on land preparation by M.B. plough & followed by rotavator in wheat cultivation with the farmers practices only use of harrow + cultivator. The results showed that enhanced the yield by 2.25 % in Rewari along with Net profit of Rs. 105013/ha.

Table: Effect of land preparation by M.B. plough and rotavator on yield and income of yield.

Technology Option	*No.of trials*	*Yield (t/ha)*	*Net Returns (Rs./ha)*	*BC Ratio*
Land preparation by Harrow+Cultivator (Farmers Practice)	*10*	*6.08*	*105013*	*4.06*
Land preparation by M.B. plough+rotavator (Recommended Practice)		*6.22*	*111931*	*4.51*

INTEGRATED NUTRIENT MANAGEMENT

Problem definition: *Lower yield in Pearl millet due to imbalance application of nutrients*

Technology Assessed or Refined (as the case may be): *Integrated Nutrient Management in Pearl millet*

KVK, Rewari ***assess*** *the technology of integrated nutrient management by the application of effect of application of compost @5ton /ha.with recommended dose of NPK(125:60:30) as balanced nutrition in Pearl Millet and found that the same had enhanced the yield by 23 per cent with BC Ratio 2.39 compared to farmers practice.*

Table Performance of *Pearl millet* ***to integrated nutrient management***

Technology Option	*No.of trials*	*Yield t./ha*	*B:C Ratio*
NPK(60:30:0)	*10*	*2.15*	*2.13*
NPK (125:60:30)+5ton compost/ha.		*2.65*	*2.39*

INTEGRATED CROP MANAGEMENT

Problem definition: *Lower yield in wheat due to old variety*
Technology Assessed or Refined (as the case may be) : Asses wheat variety HD-3086 with HD-2968 (Local check)

KVK, Rewari conducted on-farm trial to ***assess varietal evaluation wheat variety HD-3086 with HD-2968 (Local check)*** *in jeetpura village. the data is revealed that HD-3086 is better than HD-2967. Income Rs.75890/- and Rs.72731/- per ha respectively*

Table Performance French bean as inter crop in sugarcane

Technology Option	*No.of trials*	*Yield (qt/ha)*	*Net Returns (Rs. /ha)*
HD-2967 (Farmers Practice)	*10*	*55.65*	*72731.00*
HD-3086		*57.0*	*75890.00*
--		*--*	*--*

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2018-19 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Bajra	INM	Balance Fertilizer	Training ,Demonstration and Field day	10	100	40
2	Cotton	ICM	Varietal , Nutrient management & Insect Pest Management	Training, Demonstration and Field day	20	200	60

**** 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**.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	--
	Cereals									--
1	**Millets**	Nutrient management	Balanced fertilizer of nutrient	Kharif	10	10	0	25	25	--
2	**Wheat** (HD-2967)	Crop Management	Varietal , Seed Treatment, Nutrient management, weed management & Insect pest management	Rabi	08	08	0	20	20	--
3	**Barley (**RD-2907)	Crop Management	Varietal , Seed Treatment, Nutrient management, weed management & Insect pest management	Rabi	4.4	4.4	0	11	11	--
4	**Wheat**	ICM	Nutrient management	Rabi	04	04	0	08	08	--
	Horticultural crops									
1	**Carrot**	ICM	Varietal (Pusa Vrishti)	Rabi	2.5	2.5	0	25	25	--
2	**Marigold**	**ICM**	**Pusa Narangi**	Rabi	02	02	0	10	10	--

3	**Guava**	ICM	Inter cropping in orchard Methi (PEB)	Rabi	04	04	0	10	10	--
4	**Onion**	ICM	Varietal, Nursery management, IPM	Rabi	1.0	1.0	0	10	10	
	Oilseeds									
1	Mustard	**ICM**	Varietal , Seed Treatment,Nutrient management,Weed management & Insect pest management	Rabi	40	40	0	90	90	--
2	Til	**ICM**	Varietal , Seed Treatment,Nutrient management & Insect pest management	Kharif	20	18.8	0	47	47	--
	Pulses									--
1	Greengram	Crop Management	Varietal , Seed Treatment, Nutrient management & Insect pest management	Kharif	10	10	0	24	24	--
2	Chickpea	Crop Management	Varietal , Seed Treatment, Nutrient management & Insect pest management	Rabi	14.8	14.8	0	25	25	--
3	Chickpea	Crop Management	Varietal , Seed Treatment, Nutrient management & Insect pest management	Rabi	15.2	15.2	0	28	28	--
	Commercial crops									
1	Guar	Crop Management	Varietal , Seed Treatment, Nutrient management	Kharif	08	08	0	14	14	--
2	Cotton	Crop Management	Varietal , Nutrient management & Insect Pest Management	Kharif	04	04	0	10	10	--
3	Oat (Kent) (Fodder)	Crop Management	Varietal , Nutrient management	Rabi	1.2	1.2	0	24	24	--

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Summer Moong	Kharif	Irrigated	Sandy Loam	L	L	M	Mustard	Last March & 15th April, 2018	Mid Jun 2018	145.4	20
Bajra	Kharif	Irrigated	Loamy Sand	L	M	L	Mustard & Wheat	1-15 July 2018	Last week of Sep., 2018	510.2	22
Guar	Kharif	Irrigated	Loamy Sand	L	M	L	Mustard	Last week of June & 10th July 2018	Last weekof Sept., 2018	510.2	21
Barley	Rabi	Irrigated	Sandy Loam	L	M	L	Bajra	1-10 Nov. 2018	Lastweek of March to 1st week of April,2019	31.7	05
Chickpea	Rabi	Irrigated	Sandy Loam	L	M	L	Bajra	1-10 Nov. 2018	Lastweek of March to 1st week of April,2019	31.7	05

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	--
2	--

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers are satisfied
2	--

Extension and Training activities under FLD

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

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum	Crop Management	Varietal , Seed Treatment,Nutrient management & Insect pest management	RT-351	47	18.80	6.0	4.25	4.85	4.0 (HT-1)	21.25	23935	38800	14865	1.62	22000	32000	10000	1.45
Mustard	Crop Management	Varietal , Seed Treatment,Nutrient management,Weed management & Insect pest management	DRMRIJ-31(Girraj)	71	28.4	32.0	21.0	25.0 RH 0749	21.50	16.23	36520	104958	68438	2.87	33252	90300	57048	2.71
Mustard	Crop Management	Varietal , Seed Treatment,Nutrient management,Weed management & Insect pest management	DRMRIJ-31(Girraj)	19	11.6	28.0	22.50	24.85 RH 0749	21.0	18.28	36520	104328	67808	2.85	33252	88200	54948	2.65
				137	58.8													
Toria																		
Linseed																		
Sunflower																		
Soybean																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea																		
Blackgram																		
Greengram	Crop Management	Varietal , Seed Treatment, Nutrient management & Insect pest management	MH-421	24	10	14.0	8.0	9.50	8.25 (SML-668)	15.15	30842	66500	35658	2.15	29037	57750	28713	1.98
Chickpea	Crop Management	Varietal , Seed Treatment, Nutrient management & Insect pest management	CSJ-515	25	14.80	21.86	15.0	17.75	14.0 (HC-1)	26.78	33725	82005	48280	2.43	29625	64680	35055	2.18
Chickpea	Crop Management	Varietal , Seed Treatment, Nutrient management & Insect pest management	CSJ-515	28	15.20	24.0	15.0	18.85	15.0 HC -1	25.66	33725	87087	53362	2.58	29625	69300	39675	2.33
				77	40													
Fieldpea																		
Lentil																		
Horsegram																		

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy																			
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat	ICM	Salt tolerant variety	08	04	52	43.5	48.5	36	34.72	Plant height (98.5cm) Test wt. 1000 grains (46.2 gm)	Plant height (90.4cm) Test wt. 1000 grains (38.5 gm)	53137	112300	59163	2.11	51325	84740	33415	1.65
Wheat (HD-2967)	Crop Management	Varietal , Seed Treatment, Nutrient management, weed management & Insect pest management	20	8	66	55	59.50	53.0	12.26	Grain per Spike-59-63 Spike length-4.0”-4.3” No.oTiilers4-7	Grain per Spike53-58 Spike length-4.0”-4.10 No. Of Tillers 3-6	54990	134480	79490	2.45	53260	119520	66260	2.24
Wheat Timely sown																			
Wheat Late Sown																			
Mandua																			
Barley (RD-	Crop	Varietal ,	11	4.4	58	54	55.22	51.75	6.7	Grain per	Grain per	44602	99517	54915	2.23	42415	92920	50505	2.19

2907)	Management	Seed Treatment, Nutrient management, weed management & Insect pest management						(BH-393)		Spike-55-60 Spike length-3.25"-3.5" No.oTiilers6-8	Spike53-58 Spike length-3.15"-3.40 No. Of Tillers 4-7								
Maize																			
Amaranth																			
Millets	Nutrient management	Balanced fertilizer of nutrient	25	10	27	21.5	24.5	20.5	19.51			28950	62125	33175	2.15	25400	51175	25775	2.01
Jowar																			
Guar	Crop Management	Varietal , Seed Treatment, Nutrient management	14	8	12.50	8.50	10.25 (HG 2-20)	8.50 (HG-365)	20.59			24890	45100	20210	1.81	22850	37400	14550	1.63
Cotton	Crop Management	Varietal , Nutrient management & Insect Pest Management	10	4	18.75	12.50	15.50	13.75	12.73			43252	80600	37348	1.86	38957	68900	29943	1.76
Bajra																			
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			
Bittergourd																			
Cowpea																			

Spongegourd																			
Petha																			
Tomato																			
Frenchbean																			
Capsicum																			
Chilli																			
Brinjal																			
Vegetable pea																			
Softgourd																			
Okra																			
Colocasia (Arvi)																			
Broccoli																			
Cucumber																			
Onion	ICM	Varietal, Nursery management,	10	1.0	310	290	300	280	7.14	Bolting 1 %	Bolting 5.5 %	80000	240000	160000	3.0	800000	224000	144000	2.80

		IPM																	
Coriender																			
Lettuce																			
Cabbage																			
Cauliflower																			
Carrot	ICM	Varietal (Pusa Vrishti)	25	2.5	220	180	200	180	11.12	Average days taken to maturity 92 days	Average days taken to maturity 99 days	60000	200000	140000	3:33	60000	180000	120000	3:0
Flower crops																			
Marigold	**ICM**	**Pusa Narangi**	10	**2.00**	**185**	**175**	**180**	**160**	**12.5**	**Average No. Of branches / plant 20.5**	**Average No. Of branches / plant 14.0**	**60000**	**360000**	**300000**	**6:0**	**60000**	**320000**	**240000**	**5:33**
Bela																			
Tuberose																			
Gladiolus																			
Fruit crops																			
Mango																			
Strawberry																			
Guava	ICM	Inter cropping in orchard Methi (PEB)	10	4.0	35.8	31.70	33.75	13.75	59.25	No. of pods per plant (180)	--	25000	117500	92500	4.70	10000	27500	17500	2.75
Banana																			

Papaya																		
Muskmelon																		
Watermelon																		
Spices & condiments																		
Ginger																		
Garlic																		
Turmeric																		
Commercial Crops																		
Sugarcane																		
Potato																		
Medicinal & aromatic plants																		
Mentholment																		
Kalmegh																		
Ashwagandha																		
Fodder Crops																		
Sorghum (F)																		
Cowpea (F)																		
Maize (F)																		

Lucern																			
Berseem																			
Oat (Kent) (Fodder)	Crop Management	Varietal , Nutrient management	24	1.2	300	240	280	250	12			37850	56000	18150	1.48	36300	50000	13700	1.37

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

FLD on Livestock

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

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

FLD on Fisheries

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

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

FLD on Other enterprises

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

Maize Sheller																
Value Addition																
Vermi Compost																

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
ZT drill	Wheat	RCT	15	06	BCR,CC,Labour reduction, Net Return	0.35	1.45	75.86	1.15	--	0.30	1.45	4000	600	250	4850
Twine hand wheel hoe	Bajra, Guar, Mustard	Weed Control	25	10	Labour reduction,BCR,Net Return	3.0	6.0	50	--	--	2.5	2.5	--	1200	250	1450
Hand operated aonla pricking machine	Aonla	Pricking of Aonla by Hand operated aonla pricking machine	20	--	Labour reduction, time, quality of product	0.70	1.0	30	0.80	--	--	0.80	--	600	--	600

FLD on Other Enterprise: Kitchen Gardening

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

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during 2017-18)*

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

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	--	--	--	--	--	--	--	--	--	--
Resource Conservation Technologies	--	--	--	--	--	--	--	--	--	--
Cropping Systems	--	--	--	--	--	--	--	--	--	--
Crop Diversification	--	--	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--	--	--
Micro Irrigation/irrigation	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	12	175	1	176	1	0	1	176	1	177
Soil & water conservatioin	--	--	--	--	--	--	--	--	--	--
Integrated nutrient management	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**12**	**175**	**1**	**176**	**1**	**0**	**1**	**176**	**1**	**177**
II Horticulture	--	--	--	--	--	--	--	--	--	--
a) Vegetable Crops	--	--	--	--	--	--	--	--	--	--
Production of low value and high valume crops	01	19	0	19	01	0	01	20	0	20
Off-season vegetables	--	--	--	--	--	--	--	--	--	--
Nursery raising	--	--	--	--	--	--	--	--	--	--
Exotic vegetables	--	--	--	--	--	--	--	--	--	--
Export potential vegetables	--	--	--	--	--	--	--	--	--	--
Grading and standardization										
Protective cultivation	01	22	0	22	0	0	0	22	0	22
Others (Mushroom Production)										
Total (a)	**02**	**41**	**0**	**41**	**1**	**0**	**1**	**42**	**0**	**42**
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	01	17	0	17	2	0	2	19	0	19
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (b)	**01**	**17**	**0**	**17**	**2**	**0**	**2**	**19**	**0**	**19**
c) Ornamental Plants	--	--	--	--	--	--	--	--	--	--
Nursery Management	01	47	0	47	5	0	5	52	0	52
Management of potted plants	--	--	--	--	--	--	--	--	--	--
Export potential of ornamental plants	--	--	--	--	--	--	--	--	--	--
Propagation techniques of Ornamental Plants	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (c)	**01**	**47**	**0**	**47**	**5**	**0**	**5**	**52**	**0**	**52**
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	02	29	0	29	0	0	0	29	0	29
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (f)	**02**	**29**	**0**	**29**	**0**	**0**	**0**	**29**	**0**	**29**
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)	**06**	**134**	**0**	**134**	**8**	**0**	**8**	**142**	**0**	**142**
III Soil Health and Fertility Management	--	--	--	--	--	--	--	--	--	--

Soil fertility management										
Integrated water management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient Management	01	12	0	12	0	0	0	12	0	12
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	01	11	0	11	2	0	2	13	0	13
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**02**	**23**	**0**	**23**	**2**	**0**	**2**	**25**	**0**	**25**
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	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Women empowerment	--	--	--	--	--	--	--	--	--	--
Location specific drudgery reduction technologies	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Women and child care	--	--	--	--	--	--	--	--	--	--
Others (Income generating activity)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
VI Agril. Engineering	--	--	--	--	--	--	--	--	--	--
Farm Machinary and its maintenance	01	12	0	12	03	0	03	15	0	15
Installation and maintenance of micro irrigation systems	01	10	0	10	5	0	5	15	0	15
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	01	17	0	17	3	0	3	20	0	20
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**03**	**39**	**0**	**39**	**11**	**0**	**11**	**50**	**0**	**50**
VII Plant Protection	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Bio-control of pests and diseases	--	--	--	--	--	--	--	--	--	--
Production of bio control agents and bio pesticides	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
VIII Fisheries	--	--	--	--	--	--	--	--	--	--
Integrated fish farming	--	--	--	--	--	--	--	--	--	--
Carp breeding and hatchery management	--	--	--	--	--	--	--	--	--	--
Carp fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Hatchery management and culture of freshwater prawn	--	--	--	--	--	--	--	--	--	--
Breeding and culture of ornamental fishes	--	--	--	--	--	--	--	--	--	--
Portable plastic carp hatchery	--	--	--	--	--	--	--	--	--	--
Pen culture of fish and prawn	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Edible oyster farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Fish processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
IX Production of Inputs at site	--	--	--	--	--	--	--	--	--	--
Seed Production	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Bio-agents production	--	--	--	--	--	--	--	--	--	--

Bio-pesticides production	--	--	--	--	--	--	--	--	--	--
Bio-fertilizer production	--	--	--	--	--	--	--	--	--	--
Vermi-compost production	--	--	--	--	--	--	--	--	--	--
Organic manures production	--	--	--	--	--	--	--	--	--	--
Production of fry and fingerlings	--	--	--	--	--	--	--	--	--	--
Production of Bee-colonies and wax sheets	--	--	--	--	--	--	--	--	--	--
Small tools and implements	--	--	--	--	--	--	--	--	--	--
Production of livestock feed and fodder	--	--	--	--	--	--	--	--	--	--
Production of Fish feed	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Apiculture	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
X Capacity Building and Group Dynamics	--	--	--	--	--	--	--	--	--	--
Leadership development	--	--	--	--	--	--	--	--	--	--
Group dynamics	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs										
Mobilization of social capital	--	--	--	--	--	--	--	--	--	--
Entrepreneurial development of farmers/youths										
WTO and IPR issues	--	--	--	--	--	--	--	--	--	--
Others (pl specify)										
Total	--	--	--	--	--	--	--	--	--	--
XI Agro-forestry										
Production technologies	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Farming Systems	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	**23**	**371**	**1**	**372**	**22**	**0**	**22**	**393**	**1**	**394**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	02	29	0	29	0	0	0	29	0	29
Resource Conservation Technologies	--	--	--	--	--	--	--	--	--	--
Cropping Systems	--	--	--	--	--	--	--	--	--	--
Crop Diversification	--	--	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--	--	--
Micro Irrigation/irrigation	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	16	250	0	250	16	0	16	266	0	266
Soil & water conservatioin	--	--	--	--	--	--	--	--	--	--
Integrated nutrient management	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**18**	**279**	**0**	**279**	**16**	**0**	**16**	**295**	**0**	**295**
II Horticulture	--	--	--	--	--	--	--	--	--	--
a) Vegetable Crops	--	--	--	--	--	--	--	--	--	--
Production of low value and high valume crops	06	117	13	130	4	0	4	121	13	134
Off-season vegetables	--	--	--	--	--	--	--	--	--	--
Nursery raising	02	36	0	36	3	0	3	39	0	39
Exotic vegetables	--	--	--	--	--	--	--	--	--	--
Export potential vegetables	--	--	--	--	--	--	--	--	--	--
Grading and standardization	--	--	--	--	--	--	--	--	--	--
Protective cultivation	02	28	0	28	1	0	1	29	0	29
Others (Mushroom Production)	01	18	0	18	4	0	4	22	0	22
Total (a)	**11**	**199**	**13**	**212**	**12**	**0**	**12**	**211**	**13**	**224**
b) Fruits	--	--	--	--	--	--	--	--	--	--
Training and Pruning	01	16	0	16	2	0	2	18	0	18
Layout and Management of Orchards	01	20	0	20	2	0	2	22	0	22
Cultivation of Fruit	--	--	--	--	--	--	--	--	--	--
Management of young plants/orchards	03	66	8	74	3	0	3	69	8	77
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Export potential fruits	--	--	--	--	--	--	--	--	--	--
Micro irrigation systems of orchards	02	28	0	28	0	0	0	28	0	28
Plant propagation techniques	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (b)	**7**	**130**	**8**	**138**	**7**	**0**	**7**	**137**	**8**	**145**
c) Ornamental Plants	--	--	--	--	--	--	--	--	--	--
Nursery Management	01	18	0	18	1	0	1	19	0	19
Management of potted plants	--	--	--	--	--	--	--	--	--	--
Export potential of ornamental plants	--	--	--	--	--	--	--	--	--	--

Propagation techniques of Ornamental Plants	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (c)	**01**	**18**	**0**	**18**	**1**	**0**	**1**	**19**	**0**	**19**
d) Plantation crops	--	--	--	--	--	--	--	--	--	--
Production and Management technology	02	28	0	28	1	0	1	29	0	29
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (d)	**02**	**28**	**0**	**28**	**1**	**0**	**1**	**29**	**0**	**29**
e) Tuber crops	--	--	--	--	--	--	--	--	--	--
Production and Management technology	01	20	0	20	1	0	1	21	0	21
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (e)	**01**	**20**	**0**	**20**	**1**	**0**	**1**	**21**	**0**	**21**
f) Spices	--	--	--	--	--	--	--	--	--	--
Production and Management technology	02	30	0	30	3	0	3	33	0	33
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (f)	**02**	**30**	**0**	**30**	**3**	**0**	**3**	**33**	**0**	**33**
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)	**24**	**425**	**21**	**446**	**25**	**0**	**25**	**450**	**21**	**471**
III Soil Health and Fertility Management	--	--	--	--	--	--	--	--	--	--
Soil fertility management	05	123	0	123	19	0	19	142	0	142
Integrated water management	07	106	01	107	22	2	24	128	3	131
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Management of Problematic soils	01	15	0	15	3	0	3	18	0	18
Micro nutrient deficiency in crops	--	--	--	--	--	--	--	--	--	--
Nutrient Use Efficiency	08	119	02	121	19	1	20	138	3	141
Balance use of fertilizers	--	--	--	--	--	--	--	--	--	--
Soil and Water Testing	01	12	0	12	3	0	3	15	0	15
Others (Liquid fertilizer)	02	28	0	28	06	0	06	34	0	34
Total	**24**	**403**	**3**	**406**	**72**	**3**	**75**	**475**	**06**	**481**
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	01		20	20		17	17		37	37
Design and development of low/minimum cost diet	02		27	27		15	15		42	42
Designing and development for high nutrient efficiency diet	--	--	--	--	--	--	--	--	--	--
Minimization of nutrient loss in processing	01		12	12		5	5		17	17
Processing and cooking		--	--	--	--	--	--	--	--	--
Gender mainstreaming through SHGs		--	--	--	--	--	--	--	--	--
Storage loss minimization techniques		--	--	--	--	--	--	--	--	--
Value addition	05		65	65		30	30		95	95
Women empowerment	01		18	18		10	10		28	28
Location specific drudgery reduction technologies	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Women and child care	04		56	56		30	30		86	86
Others (Income generating activity)	04		48	48		32	32		80	80
Total	**18**		**246**	**246**		**139**	**139**		**385**	**385**
VI Agril. Engineering	--	--	--	--	--	--	--	--	--	--
Farm Machinary and its maintenance	14	223	7	230	48	3	51	271	10	281
Installation and maintenance of micro irrigation systems	03	95	0	95	15	0	15	110	0	110
Use of Plastics in farming practices		--	--	--	--	--	--	--	--	--
Production of small tools and implements		--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	03	50	0	50	10	0	10	60	0	60
Small scale processing and value addition	02	30	1	31	8	2	10	38	3	41
Post Harvest Technology	02	33	0	33	8	0	8	41	0	41
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**24**	**431**	**8**	**439**	**89**	**5**	**94**	**520**	**13**	**533**

VII Plant Protection	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Bio-control of pests and diseases	--	--	--	--	--	--	--	--	--	--
Production of bio control agents and bio pesticides	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
VIII Fisheries	--	--	--	--	--	--	--	--	--	--
Integrated fish farming	--	--	--	--	--	--	--	--	--	--
Carp breeding and hatchery management	--	--	--	--	--	--	--	--	--	--
Carp fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Hatchery management and culture of freshwater prawn	--	--	--	--	--	--	--	--	--	--
Breeding and culture of ornamental fishes	--	--	--	--	--	--	--	--	--	--
Portable plastic carp hatchery	--	--	--	--	--	--	--	--	--	--
Pen culture of fish and prawn	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Edible oyster farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Fish processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
IX Production of Inputs at site	--	--	--	--	--	--	--	--	--	--
Seed Production	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Bio-agents production	--	--	--	--	--	--	--	--	--	--
Bio-pesticides production	--	--	--	--	--	--	--	--	--	--
Bio-fertilizer production	--	--	--	--	--	--	--	--	--	--
Vermi-compost production	--	--	--	--	--	--	--	--	--	--
Organic manures production	--	--	--	--	--	--	--	--	--	--
Production of fry and fingerlings	--	--	--	--	--	--	--	--	--	--
Production of Bee-colonies and wax sheets	--	--	--	--	--	--	--	--	--	--
Small tools and implements	--	--	--	--	--	--	--	--	--	--
Production of livestock feed and fodder	--	--	--	--	--	--	--	--	--	--
Production of Fish feed	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Apiculture	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
X Capacity Building and Group Dynamics	--	--	--	--	--	--	--	--	--	--
Leadership development	--	--	--	--	--	--	--	--	--	--
Group dynamics	02	31	0	31	3	0	3	34	0	34
Formation and Management of SHGs	01	16	0	16	1	0	1	17	0	17
Mobilization of social capital	--	--	--	--	--	--	--	--	--	--
Entrepreneurial development of farmers/youths	02	39	0	39	6	0	6	45	0	45
WTO and IPR issues	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**05**	**86**	**0**	**86**	**10**	**0**	**10**	**96**	**0**	**96**
XI Agro-forestry	--	--	--	--	--	--	--	--	--	--
Production technologies	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Farming Systems	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	**113**	**1624**	**278**	**1902**	**212**	**147**	**359**	**1836**	**425**	**2261**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	02	29	0	29	0	0	0	29	0	29
Resource Conservation Technologies	--	--	--	--	--	--	--	--	--	--
Cropping Systems	--	--	--	--	--	--	--	--	--	--
Crop Diversification	--	--	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--	--	--
Micro Irrigation/irrigation	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	28	425	01	426	17	0	17	442	01	443
Soil & water conservatioin	--	--	--	--	--	--	--	--	--	--
Integrated nutrient management	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--

Total	**30**	**454**	**01**	**455**	**17**	**0**	**17**	**471**	**01**	**472**
II Horticulture	--	--	--	--	--	--	--	--	--	--
a) Vegetable Crops	--	--	--	--	--	--	--	--	--	--
Production of low value and high valume crops	07	136	13	149	5	0	5	141	13	154
Off-season vegetables	--	--	--	--	--	--	--	--	--	--
Nursery raising	02	36	0	36	3	0	3	39	0	39
Exotic vegetables	--	--	--	--	--	--	--	--	--	--
Export potential vegetables	--	--	--	--	--	--	--	--	--	--
Grading and standardization	01	10	0	10	6	0	6	16	0	16
Protective cultivation	03	50	0	50	1	0	1	51	0	51
Others (Mushroom Prooduction)	02	30	0	30	17	0	17	47	0	47
Total (a)	**15**	**262**	**13**	**275**	**32**	**0**	**32**	**294**	**13**	**307**
b) Fruits	--	--	--	--	--	--	--	--	--	--
Training and Pruning	01	16	0	16	2	0	2	18	0	18
Layout and Management of Orchards	01	20	0	20	2	0	2	22	0	22
Cultivation of Fruit	--	--	--	--	--	--	--	--	--	--
Management of young plants/orchards	03	66	8	74	3	0	3	69	8	77
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Export potential fruits	--	--	--	--	--	--	--	--	--	--
Micro irrigation systems of orchards	02	28	0	28	0	0	0	28	0	28
Plant propagation techniques	01	17	0	17	2	0	2	19	0	19
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (b)	**08**	**147**	**08**	**155**	**9**	**0**	**9**	**156**	**8**	**164**
c) Ornamental Plants	--	--	--	--	--	--	--	--	--	--
Nursery Management	02	65	0	65	6	0	6	71	0	71
Management of potted plants	--	--	--	--	--	--	--	--	--	--
Export potential of ornamental plants	--	--	--	--	--	--	--	--	--	--
Propagation techniques of Ornamental Plants	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (c)	**02**	**65**	**0**	**65**	**6**	**0**	**6**	**71**	**0**	**71**
d) Plantation crops	--	--	--	--	--	--	--	--	--	--
Production and Management technology	02	28	0	28	1	0	1	29	0	29
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (d)	**02**	**28**	**0**	**28**	**1**	**0**	**1**	**29**	**0**	**29**
e) Tuber crops	--	--	--	--	--	--	--	--	--	--
Production and Management technology	01	20	0	20	1	0	1	21	0	21
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (e)	**01**	**20**	**0**	**20**	**1**	**0**	**1**	**21**	**0**	**21**
f) Spices	--	--	--	--	--	--	--	--	--	--
Production and Management technology	04	59	0	59	03	0	03	62	0	62
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total (f)	**04**	**59**	**0**	**59**	**03**	**0**	**03**	**62**	**0**	**62**
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)	**32**	**581**	**21**	**602**	**52**	**0**	**52**	**633**	**21**	**654**
III Soil Health and Fertility Management	--	--	--	--	--	--	--	--	--	--
Soil fertility management	06	141	0	141	21	0	21	162	0	162
Integrated water management	07	106	01	107	22	2	24	128	3	131
Integrated Nutrient Management	01	12	0	12	0	0	0	12	0	12
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Management of Problematic soils	01	15	0	15	3	0	3	18	0	18
Micro nutrient deficiency in crops	--	--	--	--	--	--	--	--	--	--
Nutrient Use Efficiency	08	119	02	121	19	1	20	138	3	141
Balance use of fertilizers	--	--	--	--	--	--	--	--	--	--
Soil and Water Testing	02	23	0	23	5	0	5	28	0	28
Others (Liquid fertilizer)	02	28	0	28	06	0	06	34	0	34
Total	**27**	**444**	**03**	**447**	**76**	**03**	**79**	**520**	**06**	**526**
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	01		20	20		17	17		37	37
Design and development of low/minimum cost diet	02		27	27		15	15		42	42
Designing and development for high nutrient efficiency diet	--	--	--	--	--	--	--	--	--	--
Minimization of nutrient loss in processing	01		12	12		5	5		17	17
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	06		75	75		35	35		110	110
Women empowerment	01		18	18		10	10		28	28
Location specific drudgery reduction technologies	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Women and child care	04		56	56		30	30		86	86
Others (Income generating activity)	05		58	58		38	38		96	96
Total	**20**	**--**	**266**	**266**	**--**	**150**	**150**	**--**	**416**	**416**
VI Agril. Engineering	--	--	--	--	--	--	--	--	--	--
Farm Machinary and its maintenance	15	235	7	242	51	3	54	286	10	296
Installation and maintenance of micro irrigation systems	04	105	0	105	20	0	20	125	0	125
Use of Plastics in farming practices	--	--	--	--	--	--	--	--	--	--
Production of small tools and implements	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	03	50	0	50	10	0	10	60	0	60
Small scale processing and value addition	03	47	1	48	11	2	13	58	3	61
Post Harvest Technology	02	33	0	33	8	0	8	41	0	41
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**27**	**470**	**8**	**478**	**100**	**5**	**105**	**570**	**13**	**583**
VII Plant Protection	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Bio-control of pests and diseases	--	--	--	--	--	--	--	--	--	--
Production of bio control agents and bio pesticides	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
VIII Fisheries	--	--	--	--	--	--	--	--	--	--
Integrated fish farming	--	--	--	--	--	--	--	--	--	--
Carp breeding and hatchery management	--	--	--	--	--	--	--	--	--	--
Carp fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Hatchery management and culture of freshwater prawn	--	--	--	--	--	--	--	--	--	--
Breeding and culture of ornamental fishes	--	--	--	--	--	--	--	--	--	--
Portable plastic carp hatchery	--	--	--	--	--	--	--	--	--	--
Pen culture of fish and prawn	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Edible oyster farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Fish processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
IX Production of Inputs at site	--	--	--	--	--	--	--	--	--	--
Seed Production	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Bio-agents production	--	--	--	--	--	--	--	--	--	--
Bio-pesticides production	--	--	--	--	--	--	--	--	--	--
Bio-fertilizer production	--	--	--	--	--	--	--	--	--	--
Vermi-compost production	--	--	--	--	--	--	--	--	--	--
Organic manures production	--	--	--	--	--	--	--	--	--	--
Production of fry and fingerlings	--	--	--	--	--	--	--	--	--	--
Production of Bee-colonies and wax sheets	--	--	--	--	--	--	--	--	--	--
Small tools and implements	--	--	--	--	--	--	--	--	--	--
Production of livestock feed and fodder	--	--	--	--	--	--	--	--	--	--
Production of Fish feed	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Apiculture	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
X Capacity Building and Group Dynamics	--	--	--	--	--	--	--	--	--	--
Leadership development	--	--	--	--	--	--	--	--	--	--
Group dynamics	02	31	0	31	3	0	3	34	0	34
Formation and Management of SHGs	01	16	0	16	1	0	1	17	0	17
Mobilization of social capital	--	--	--	--	--	--	--	--	--	--
Entrepreneurial development of farmers/youths	02	39	0	39	6	0	6	45	0	45
WTO and IPR issues	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**05**	**86**	**0**	**86**	**10**	**0**	**10**	**96**	**0**	**96**
XI Agro-forestry	--	--	--	--	--	--	--	--	--	--

Production technologies	--	--	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--	--	--
Integrated Farming Systems	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	**141**	**2035**	**299**	**2334**	**255**	**158**	**413**	**2290**	**457**	**2747**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Planting material production	01	10	0	10	6	0	6	16	0	16
Vermi-culture										
Mushroom Production	01	12	0	12	13	0	13	25	0	25
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements	01	08	0	08	2	0	2	10	0	10
Value addition	01		10	10		5	5		15	15
Small scale processing	01	13	0	13	2	0	2	15	0	15
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts	01		10	10		6	6		16	16
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 (Soil fertility management)	01	18	0	18	2	0	2	20	0	20
TOTAL	**07**	**61**	**20**	**81**	**25**	**11**	**36**	**86**	**31**	**117**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Bee-keeping	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Small scale processing	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Dairying	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Quail farming	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Rabbit farming	--	--	--	--	--	--	--	--	--	--
Poultry production	--	--	--	--	--	--	--	--	--	--
Ornamental fisheries	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Freshwater prawn culture	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Cold water fisheries	--	--	--	--	--	--	--	--	--	--
Fish harvest and processing technology	--	--	--	--	--	--	--	--	--	--
Fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Planting material production	01	10	0	10	6	0	6	16	0	16
Vermi-culture										
Mushroom Production	01	12	0	12	13	0	13	25	0	25
Bee-keeping	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	01	08	0	08	2	0	2	10	0	10
Value addition	01		10	10		5	5		15	15
Small scale processing	01	13	0	13	2	0	2	15	0	15
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	01		10	10		6	6		16	16
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 (Soil fertility management)	01	18	0	18	2	0	2	20	0	20
TOTAL	**07**	**61**	**20**	**81**	**25**	**11**	**36**	**86**	**31**	**117**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	02	30	2	32	5	0	5	35	2	37
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	01	14	01	15	2	0	2	16	01	17
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 (Production Enhancement)	01	16	01	17	3	0	3	19	1	20
TOTAL	**04**	**60**	**4**	**64**	**10**	**0**	**10**	**70**	**4**	**74**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
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 – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	02	30	2	32	5	0	5	35	2	37
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	01	14	01	15	2	0	2	16	01	17
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 (Production Enhancement)	01	16	01	17	3	0	3	19	1	20
TOTAL	**04**	**60**	**4**	**64**	**10**	**0**	**10**	**70**	**4**	**74**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
	--	--	--	--	--	--	--	--	--	--
Crop production and management	--	--	--	--	--	--	--	--	--	--
Increasing production and productivity of crops	--	--	--	--	--	--	--	--	--	--
Commercial production of vegetables	--	--	--	--	--	--	--	--	--	--
Production and value addition	--	--	--	--	--	--	--	--	--	--
Fruit Plants	--	--	--	--	--	--	--	--	--	--
Ornamental plants	--	--	--	--	--	--	--	--	--	--
Spices crops	--	--	--	--	--	--	--	--	--	--
Soil health and fertility management	--	--	--	--	--	--	--	--	--	--
Production of Inputs at site	--	--	--	--	--	--	--	--	--	--
Methods of protective cultivation	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Post harvest technology and value addition	--	--	--	--	--	--	--	--	--	--
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Farm machinery	--	--	--	--	--	--	--	--	--	--
Farm machinery, tools and implements	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Livestock and fisheries	--	--	--	--	--	--	--	--	--	--
Livestock production and management	--	--	--	--	--	--	--	--	--	--
Animal Nutrition Management	--	--	--	--	--	--	--	--	--	--
Animal Disease Management	--	--	--	--	--	--	--	--	--	--
Fisheries Nutrition	--	--	--	--	--	--	--	--	--	--
Fisheries Management	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Home Science	--	--	--	--	--	--	--	--	--	--
Household nutritional security	--	--	--	--	--	--	--	--	--	--
Economic empowerment of women	--	--	--	--	--	--	--	--	--	--
Drudgery reduction of women	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Agricultural Extension	--	--	--	--	--	--	--	--	--	--
Capacity Building and Group Dynamics	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	--	--	--	--	--	--	--	--	--	--

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	--	--	--	--	--	--	--	--	--	--
Commercial floriculture	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Commercial vegetable production	--	--	--	--	--	--	--	--	--	--
Integrated crop management	--	--	--	--	--	--	--	--	--	--
Organic farming	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)Mali (gardner)	**1**	**10**	--	**10**	**6**	--	**6**	**16**	--	**16**
Total	--	--	--	--	--	--	--	--	--	--
Post harvest technology and value addition	--	--	--	--	--	--	--	--	--	--
Value addition	**1**	**13**	--	**13**	**2**	**0**	**2**	**15**	--	**15**
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Livestock and fisheries	--	--	--	--	--	--	--	--	--	--
Dairy farming	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Poultry farming	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Income generation activities	--	--	--	--	--	--	--	--	--	--
Vermicomposting	--	--	--	--	--	--	--	--	--	--
Production of bio-agents, bio-pesticides,	--	--	--	--	--	--	--	--	--	--
bio-fertilizers etc.	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery	**1**--	**8**	--	**8**	**2**	--	**2**	**10**	--	**10**
and implements	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	**1**	**-12-**	--	**12**	**13**	--	**13**	**25**--	--	**25**--
Nursery, grafting etc.	--	--	--	--	--	--	--	--	--	--
Tailoring, stitching, embroidery, dying etc.	**1**	--	**10**--	**10**--	--	**06**--	**-06-**	**10**	**06**--	**16**--
Agril. Para-workers, para-vet training	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Agricultural Extension	--	--	--	--	--	--	--	--	--	--
Capacity building and group dynamics	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Grand Total	**05**	**43**	**10**	**53**	**23**	**08**	**29**	**76**	**6**	**82**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	265	797	06	803
Diagnostic visits	31	149	12	161
Field Day	11	505	13	518
Group discussions	04	123	05	128
Kisan Ghosthi	5	493	10	503
Film Show	03	460	09	469
Self –help groups	8	134	12	146
Kisan Mela	1	488	8	496
Exhibition	03	840	12	852
Scientists' visit to farmers field	151	698	15	713
Plant/animal health camps	3	110	6	116
Farm Science Club	--	--	--	--
Ex-trainees Sammelan	01	45	04	49
Farmers' seminar/workshop	01	52	02	54
Method Demonstrations	10	150	08	158
Celebration of important days	1	35	2	37
Special day celebration	1	43	2	45
Exposure visits	2	65	5	70
Others (Farm Women day)	1	37	--	37
Total	**502**	**5224**	**131**	**5355**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	03
News paper coverage	30
Popular articles	06
Radio Talks	--
TV Talks	03
Animal health amps (Number of animals treated)	--
Others (pl. specify)	--
Total	**42**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Rampura-Rewari	Text only	52	08	0	0	32	04	96
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**52**	**08**	**0**	**0**	**32**	**04**	**96**
	Total farmers Benefitted	**1794087**	**184583**	**0**	**0**	**931125**	**118157**	**3094378**

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
01	Gosthies	01	65	Mustard, Wheat, Gram
	Lectures organised	05	183	IPM,INM,ICM
	Exhibition	01	85	Farm Machineries, Vermi composting unit,
	Film show	--	--	--
	Fair	--	--	--
	Farm Visit	03	110	Package and practices of Rabi crops
	Diagnostic Practicals	--	--	--
	Distribution of Literature (No.)	10	350	Importance of soil & water testing, INM,IPM, FM
	Distribution of Seed (q)	--	--	--
	Distribution of Planting materials (No.)	--	--	--
	Bio Product distribution (Kg)	--	--	--
	Bio Fertilizers (q)	--	--	--
	Distribution of fingerlings	--	--	--
	Distribution of Livestock specimen (No.)	--	--	--
	Total number of farmers visited the technology week	--	793	--

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	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Oilseeds	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Pulses	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Commercial crops	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Spices	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Fodder crop seeds	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Fiber crops	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Others	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Total	--	--	--	--	--	--

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Vegetable seedlings	Onion	ALR		200	100	1
	Tomato		Pusa H.-2	200	100	3
	Cauliflower	PSB K-1		200	100	3
	Brinjal		Pusa-5,6	400	200	3
Fruits	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Ornamental plants	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Medicinal and Aromatic	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Plantation	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Spices	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Tuber	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Fodder crop saplings	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Others	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Total				**1000**	**500**	**10**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers	Vermi compost	225	1350	20
--	--	--	--	--
--	--	--	--	--
Bio-pesticide	--	--	--	--
--	--	--	--	--
--	--	--	--	--
Bio-fungicide	--	--	--	--
--	--	--	--	--
--	--	--	--	--
Bio Agents	Earth worm	10	4750	2
--	--	--	--	--
--	--	--	--	--
Others-	--	--	--	--
--	--	--	--	--
Total	--	**235**	**6100**	**22**

Table: Production of livestock materials

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

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	**405**	**253**	**200**	**3030**	**405**
Water	**294**	**267**	**212**	**2250**	
Plant					
Manure					
Others (pl.specify)					
Total	**699**	**520**	**412**	**5280**	**405**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
Rampura-Rewari(Hr.)	03.12.2018	15

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
News Letter (Quarterly)	1200
	--

X. PUBLICATIONS

Category	Number
Research Paper	01
Technical bulletins	--
Technical reports	03
Others (Articles)	06

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

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

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

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
--	--	--
--	--	--
Total	--	--

-

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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

XIII. DETAILS ON HRD ACTIVITIES

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

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

B. HRD activities organized in identified areas for KVK staff by ATARI

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 : Self employment through micro processing of fruits & honey

KVK Rampura-Rewari organized vocational training on micro processing technology of cereal, oilseed, pulses, vegetables, Horticultural and spices crops for rural youths and farmers. The duration of training programme of seven days in the last five years. The total no. of trainees was 50.

Output- During the training period the programme of schedule was divided in two session 1st is theoretical part & 2nd is visit seen the operational plant in Rewari city. In 1st session, the trainees were learnt about processing technologies of cereals, oilseed, pulses, vegetables, fruits and spices powder. During this session the trainees successfully learnt about how to make wheat flour, oil expelling , Dall making , Muraba, fruit juices, Jam, Jelly and spices powder also complete setup mini agro processing unit. In 2nd secession successfully visited and learnt about flour mill, Dall mill , oil processing plant , fruit and vegetable plant and spices grinding unit.

Out come- Mr. Ravi Kant (40) S/o Shri Balwant Singh Yadav r/o village- Bithwana , District- Rewari contact with KVK scientist in 2014-15 and successfully completed the vocational training on processing technology food and learnt about how to make Muraba, fruit juices, Jam, Jelly and spices powder and Honey processing . He starts own business of Aonla Muraba Honey processing plant at village level and marketing their product in Rewari city and other places near by Delhi. His total turnover is Rs. 40,000/- per month for selling of Aonal , Murabba and Honey.

Impact- KVK conducted this type of training on every year of the processing technology of food and trainees are attended every year and benefited. Some of them Mr. Sanjeev Kumar (Khuspura), Mr. Ramesh Kumar (Khatawali) for mustard oil expelling nit established, Mr Yogesh Kumar (Rewari) and Shanti SHG (Rasgan) for spices grinding unit established after completion of training.

Title: Vocational skill training of Gardner for unemployed rural youths

KVK intervention- Rural economy depends on Agriculture. Generally, rural youths are unemployed in Rewari district. This district situated in National capital region. Therefore industrial area, farm houses, factories, marriage houses, public schools & colleges etc are developing day by day. So, KVK, Rampura-Rewari has planned and organized a long term duration vocational skill training programme in gardener trade for unemployed rural youths to develop skill in horticultural activities. The duration of this course is sixth months. The training schedule was divided in two session 1st is theoretical and 2nd is practical. In this training course covered establishment and maintenance of orchard , lawn, park and ornamental garden. Cultivation and nursery raising of fruits, vegetables, flowers and forestry plants. Vegetative propagation of plants. During the training every participants was personally involved as gardener with his own hand. The trained youths are like to working as landscaping of ornamental garden, lawn and orchard maintenance work in different places like schools, colleges, factories , farm houses and marriage places etc.

Output- About 95 rural youths have been trained in five batches in last five years (2014-15 to 2018-19). A good number (30 trainees) of them are employed with the local schools, colleges, industrial area, farm houses, nurseries , marriage houses and growing horticultural crops for income generation and further improvement of their skill. Trained youths started work independently as gardners. The success story given as under-

Outcome- Mr. Jai Kishan S/o Shri Jagdish Yadav, resident of village Kohard district Rewari attended a training course of gardener at this Kendra during 2015-16, Before the training course he was totally unskilled and un employed rural youth. He participated in traditional farming with his family, After completing this course he established two acre kinnow and lime orchard and doing inter- cropping of vegetables & flowers in orchard . He is doing landscaping and orchard establishment, maintenance, Plants and seedlings supply to farmers field and schools, farm houses and factories etc.

Details of earning per annum given below-

Horticultural activities /enterprises	**Crops**	**Net income(Rs.)**
Orchard, 2 acre	Kinnow lime	50000
Intercropping in orchard **Vegetables**-1acre **Flower**- ½ acre	Tomato, brinjal, chilli, palak, menthi etc. Marigold	50000 35000
Healthy seedlings raising of vegetables & flowers- ½ acre	Tomato, brinjal, chilli, cauliflower, cabbage, onion & marigold	85000
Layout plan, orchard establishment, maintenance& plants supply	Kinnow, lime, guava, ber	60000

Impact - KVK conducted vocational training programme to develop skill in gardener for rural youths every year, Ninety five rural youths have been trained in last five year. Almost thirty trainees are employed and started own independently as gardener and doing horticultural work.

Title: Integrated farming and vermi composting

Introduction : Due to continuous adoption of intensive crop rotations, the fertility status, physical and chemical composition of soil is deteriorating. Balbir singh of village Fatehpuri who received the vocational training programme from Krishi Vigyan Kendra, rewari in 2015. This training led him towards professionalism in vermi compost entrepreneurship. Mr.Balbir singh used to visit KVK post-training also and had regular interaction with the subject matter specialist about the vermicompost. He had collected lot of information about vermicompost from the KVK, Internet, other farmers which took almost six months initially to start vermicompost unit as an enterprise.

KVK Intervention : Shri Balbir singh of village Fatehpuri have only two acres of land. He was an ordinary farmers and doing conventional farming. He came in contact with KVK, Rampura, Rewari during a vocational training on vermi-composting. After got training initially, he started vermi-compost unit with the three beds of 30x2 feet each in which 10 quintals of dung and 10 kg of earthworm were used in each bed. In return , he got 6.5 quintal of vermicompost, 17 kg of earthworm in a period of 2.5 months from one bed. Thus, from all the three beds he got 26 quintals of vermi-compost and 68 kg of earthworm and 50 litres of vermin wash which he had sold @ Rs. 5/kg , Rs. 200/kg and Rs. 250/litre respectively. He earned Rs. 39,100.00 from this enterprise which was started after his first trial. All the operation in this unit was performed by himself to learn, upgrade the skill and to gain the confidence. During 2016-17, he sold 100 quintals of vermicompost from his entrepreneurial unit.During 2017-18, he has constructed 20 vermicompost bed of 30x4x1.6 feet size. In last six month he has produced 400 quintals of vermicompost and sold out by his new firm name i.e., Sahyogi Biotech. He is getting the new vermicompost after every 1.5 months from each of the vermicompost bed. He has also added Neem leaves in vermicompost to make it more beneficial and an innovative product.

Impact : The KVK has articulated the process of vermi-compost at large scale. Farmers trainings and demonstrations were conducted and vermi-compost making units were established under KVK guidance. At present more than 50 vermi-compost units are functioning under the guidance of the KVK and after finding the suitability and adoptability of the technology, several Farmers in the district are preparing vermi-compost at their own level .

XIII. STATUS REVOLVING FUNDs

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2016 to March 2017	39,97,802.22	2,31,881.87	61,430.00	41,68,254.09
April 2017 to March 2018	41,68,254.09	3,17,712.41	22,230.00	44,63,736.5
April 2018 to March 2019	44,63,736.5	2,60,801.50	NIL	47,24,538.00

The KVKs implementing VATICA, NARI & Doubling Farmers income should submit one page report with salient achievements along with photographs pertaining to year 2018-19.

Note :

Themes of livestock FLDs and OFTs for Annual Progress Report 2018-19

The FLDs and OFTs under livestock may be classified as per themes given below for APR

SN	Theme	Different aspects to be covered
01	Animal Breeding Management	Evaluation or introduction of any livestock breed i.e. cattle, buffalo, sheep, goat, poultry etc. Improvement in fertility, reproductive traits i.e. Age at first calving, service period and calving interval etc
02	Animal Nutrition Management	Feed and fodder trials including feed additives, bypass fat and protein, colostrum feeding, mineral mixture, chelated mineral mixture, azolla, microbial feeds (probiotics etc), urea treated straws and UMMB or feed supplements etc
03	Animal Production Management	Type of housing provided, manger or water trough etc to the livestock for improving animal comfort and measures followed for clean milk production etc
04	Health and Disease Management	Deworming of all categories of livestock for control of endo-worms and ecto-parasites, vaccination and to reduce the calf mortality, mastitis incidence in livestock etc
05	Others, if any	Any other aspect which is not covered under above 4 themes mentioned can be put in this category.