



Krishi Vigyan Kendra, Ambala

SCHE

ANNUAL ACTION PLAN (2019 -20)



SOCIETY FOR CREATION OF HEAVEN ON EARTH

Krishi Vigyan Kendra, Village: Tepla, Post: Saha

District: Ambala – 133 104 (Haryana)

Ph. No. 0171 - 2822522

INDEX

S.No.	Topic	Page No.
1	General Information about the KVK	3
2	Details of District	9
3	Technical Programme	20
4	Abstract of interventions to be undertaken	21
5	Technologies to be assessed	27
6	Frontline Demonstrations	36
7	Training	39
8	Extension Activities	54
9	Production and supply of Technological products	56
10	Literature to be Developed/Published	58
11	Indicate the specific training, identifying OFTs/FLDs and Field Activities	59
12	Activities of Soil and Water Testing Laboratory	60
13	Linkages	61
14	Details of Linkages with ATMA	63
15	Annexure -I (Details of training programmes)	64

DETAILS OF ACTION PLAN OF KVKs DURING 2019-20

(1st April 2019 to 31st March 2020)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail	Website
	Office	FAX		
KRISHI VIGYAN KENDRA Vill. Tepla, Post Saha District Ambala-133 104 (Haryana)	0171-2822522	0171-2822522	kvkambala@gmail.com	kvkambala.org.in

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

Address	Telephone		E mail	Website
	Office	FAX		
SOCIETY FOR CREATION OF HEAVEN ON EARTH Camp Office: KRISHI VIGYAN KENDRA Vill.Tepla, Post Saha, District Ambala-133 104 (Haryana)	0171-2822522 Mob.No. 9810087383	0171-2822522	bakshi.akhil@gmail.com	kvkambala.org.in

1.2.b. Status of KVK website : Yes

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) : 1.6 K








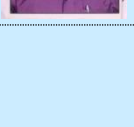
1.2.d Status of ICT lab at your KVK : N.A.


1.3. Name of the Senior Scientist & Head with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. (Mrs.) Upasana Singh	0171-2822522	8295406560	upasanasinghrathee@gmail.com

1.4. Year of sanction: 1995

1.5. Staff Position (as on 15 March,2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary (SC/ST /OBC/)	Mobile No.	Email id	Please attach recent photograph	
1	Senior Scientist & Head	Dr. (Mrs.) Upasana Singh	Senior Scientist & Head	Home Science	Rs.37400-67000	10000	49950	04.08.08	Permanent	Gen.	8295406560	upasanasinghrathee@gmail.com	
2	Subject Matter Specialist	Sh. Ramesh Kumar	SMS(Agricultural Extension)	Agricultural Extension	Rs.15600-39100	6600	24500	14.08.08	Permanent	Gen.	9017975976	rameshjhorar@rediffmail.com	
3	Subject Matter Specialist	Er. Guru Prem	SMS (Soil & Water Management)	Soil & Water Mgt.	Rs.15600-39100	6600	23610	28.11.09	Permanent	Gen.	9416355892	gpgrover79@gmail.com	
4	Subject Matter Specialist	Sh.Vikram Dharendra Singh	SMS (Plant Protection)	Plant Protection	Rs.15600-39100 (Study Leave)	5400	18240	12.06.14	Permanent	Gen.	8950235630	vdkvkbambala@gmail.com	
5	Subject Matter Specialist	Dr.Amit Kumar	SMS (Horticulture)	Horticulture	Rs.15600-39100	5400	17550	12.08.15	Permanent	Gen.	9991567854	amitbaliyan2009@gmail.com	
6	Subject Matter Specialist	Sh.Rajendra Kumar Singh	SMS(Agronomy)	Agronomy	Rs.15600-39100	5400	15600	11.9.18	Permanent	Gen.	8948490351	rajanmpsingh@gmail.com	
7	Subject Matter Specialist	Dr.Naveen Saini	SMS (Animal Science)	Animal Science	Rs.15600-39100	5400	15600	26.9.18	Permanent	Gen.	8387051484	naveensaini709@gmail.com	
8	Programme Assistant	Sh.Dhirendra Singh	Programme Assistant (Plant Protection)	Plant Protection	Rs.35000/- (Consolidated)	--	Fixed	28.9.18	Temporary	Gen.	8795540755	dhirendrasingh393@gmail.com	

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/)	Mobile No.	Email id	Please attach recent photograph
9	Computer Programmer	Mrs. Meera Sharma	Computer Programmer	Computer	Rs.9300-34800	4600	15310	01.04.08	Permanent	Gen.	9467677662	meerasharma1968@gmail.com	
10	Farm Manager	Sh. Abhay Kumar	Farm Manager	Agriculture	Rs.9300-34800	5400	23150	08.12.97	Permanent	Gen.	9416113081	abhay9416113081@gmail.com	
11	Accountant/Superintendent	Sh. K. N. Chaudhary	Office Superintendent-cum-Accountant	Accounts	Rs.9300-34800	4600	25660	19.08.02	Permanent	Gen.	9416470767	knchaudhary09@gmail.com	
12	Stenographer	Sh. Charanjeet Singh	Steno	--	Rs.5200-20200	2800	10230	16.02.12	Permanent	Gen.	8684070786	--	
13	Driver	Sh. Shyam Lal	Driver-cum-Mechanic	Jeep	Rs.5200-20200	2400	8460	16.02.12	Permanent	SC	9466331139	--	
14	Driver	Sh. Baldev Singh	Driver-cum-Mechanic	Tractor	Rs.5200-20200	2400	9840	01.04.08	Permanent	Gen.	9468339196	--	
15	Supporting staff	Sh. Raman Kumar	Supporting Staff	--	Rs.4440-7440	1800	9630	27.05.96	Permanent	Gen.	9416847720	--	
16	Supporting staff	Sh. Karamjit Singh	Supporting Staff	--	Rs.4440-7440	1800	9100	12.08.02	Permanent	SC	8901188631	--	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.4
2.	Under Demonstration Units	2.0
3.	Under Crops	9.0
4.	Horticulture	4.0
5.	Pond	--
6.	Others (Farm Roads & Drainage)	1.0
7.	Integrated Farming System	1.0
	Total	18.4

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (lacs)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1997-98	662.67	17.83	--	--	--
2.	Farmers Hostel	ICAR		311.13	8.37	--	--	--
3.	Staff Quarters (6)	--	--	--	--	--	--	--
4.	Demonstration Units (2)			539.26	10.05	--	--	--
1	Poultry	ICAR	1997-98	50.96	--	--	--	--
2	Goatry	ICAR	1997-98	89.30	--	--	--	--
3	Piggery	ICAR	1997-98	364.0	--	--	--	--
4	Mushroom	ICAR	1997-98	35.0	--	--	--	--
5.	Vermi Compost	ICAR	2005	35.0	--	--	--	--
5.	Fencing	ICAR	1997-98	254.40	2.38	--	--	--
6.	Rain Water harvesting system	--	--	--	--	--	--	--
7.	Threshing floor	--	--	--	--	--	--	--
8.	Farm godown	ICAR	1997-98	300 sq.m	3.0	--	--	--
	Other							
9.	Integrated Farming System	ICAR	2010	1 ha	0.64	--	--	--

B) Vehicles (13.3.2019)

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	March,2017	5,98,292.00	745 hrs	New
Jeep	March,2017	6,71,361.00	35505 km	New
Motor cycles(2)	2009-10 2009-10	Both Motor cycles were provided by Society for Extension work	57575 km. 13456 km. (New meter)	Poor Poor

C) Equipments & AV aids**C) Equipments & AV aids**

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
I. Agricultural Machinery / Implements			
Tractor	2016-17	598291	Good
Trolley	2016-17	155000	Good
Happy Seeder	2016-17	112000	Good
Sub-soiler	2015-16	7800	Good
Seed Treatment Drum	2012-13	4679	Good
Laser Land Leveler alongwith Disc Harrow	2011-12	398900	Good
M. B. Plough	2011-12	18025	Poor
Cultivator 11 tine for Rice-Wheat	2011-12	17000	Poor
Cultivator/Weeder for Sugarcane weeding	2011-12	13800	Poor
Trench Digger	2010-11	19800	Poor
Seed Drill (9 Rows)- 2	1996-97	16500	V.Poor
Disc Plough	1996-97	10500	V.Poor
Welding Set	1997-98	9706	V.Poor
Generator Set	2009-10	75000	V.Poor
Happy Seeder -2	2018-19	331520	Good
Chopper/Shredder/Mulcher -2	2018-19	370000	Good
Zero Till Drill -4	2018-19	227360	Good
Reversible M B Plough-1	2018-19	195000	Good
Cutter cum spreader/Shrub Master -1	2018-19	44800	Good
II. A.V. Aids			
LED	2016-2017	23500	Good
LCD Projector & Camera	2006-07	85000	Poor
PA System & Speakers	2015-16	23975	Good
Display board, stand, Magazine stand etc.	2015-16	10000	Good
III. Office –cum-Lab Furniture/ Equipment			
A.E-extension			
Computer UPS (2 Nos.)	2016-17	73500	Good
Printer (1)	2016-17	15500	Good
Hard disk, Modem & Wi-fi Router	2016-17	13530	Good
B. Lab Equipment			
Mridaparishak (1)	2016-17	90300	Good
Mridaparishak (1)	2015-16	81000	Satisfied

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Spectro Photometer	2009-10	886970	Poor
Flame Photometer	2009-10	44300	Satisfied
PH Meter	2009-10	6940	Satisfied
Conductivity meter	2009-10	15957	Satisfied
Physical Balance	2009-10	10406	Satisfied
Chemical Balance	2009-10	78750	Satisfied
Water still	2009-10	69620	Satisfied
Kjeldahl unit	2009-10	43132	V.Poor
Shaker	2009-10	26438	Satisfied
Refrigerator	2009-10	21200	Satisfied
Oven	2009-10	34875	Poor
Hot Plate	2009-10	2250	Satisfied
Grinder	2009-10	18562	Satisfied
Chemicals & Glass ware	2009-10	66980	Satisfied
C.Basic Plant Health Diagnostic Facility /Lab			
Microscope	2009-10	198191	Satisfied
Hot Air Oven	2009-10	156203	Poor
Incubator and autoclave			
Kent RO with accessory	2009-10	23400	Satisfied
Oven	2009-10	7190	Satisfied
Refrigerator	2009-10	53200	Satisfied
Camera			Very Poor
Laminar air flow and table desk	2009-10	122496	Satisfied
Thermo hygrometer and heating mantle	2009-10	2374	Satisfied
Inverter	2009-10	23600	Poor
Balance	2009-10	53550	Satisfied
Magnetic stirrer	2009-10	3793	Satisfied
Equipments	2009-10	48625	Satisfied
Almirrah	2009-10	17700	Satisfied
Furniture	2009-10	12375	Satisfied
Glass & Plastic ware/Chemicals	2009-10	73515	Satisfied
Light Trap	2009-10	5400	Satisfied
IV. Hostel (Furniture & Fixture)			
Round chairs (15)	2016-17	18666	Good
Centre Tables (2)	2016-17	9619	Good
Arm Chair (2)	2016-17	5656	Good
Computer Tables (2)	2016-17	4525	Good
Coolers (6)	2016-17	61800	Good
Sofa Cushions (4)	2016-17	11765	Good
Hostel Utensils & other items etc.	2016-17	11930	Good
Furniture(Lab chair, Matters, Water Cooler, RO, Stablizer, Invertor , Curtain etc.)	2015-16	447988	Good
III. IFS			
Solar Lights	2016-17	97600	Good

1.8. A). Details of SAC meetings to be conducted in the year (2019-2020)

Sl.No.	Date
1. Scientific Advisory Committee	September, 2019

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Rice-Wheat
2	Potato/Toria/Raya-Sugarcane-Sunflower/Spring Maize/Fodder
3	Rice-Potato-Rabi onion/Maize
4	Wheat-Summer Moong-Rice
5	Agriculture+Horticulture
6	Agriculture+Dairy Farming
7	Fodder/Mustard/Urd/Toria/Eucalyptus
8	Dairy Farming, Back-yard Poultry, Piggery, Mushroom Cultivation & Small scale income generating household enterprises (Art, Craft, Stitching, Fruit preservation etc.)

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

a) Soil type

Sl. No.	Agro-climatic Zone	Characteristics
1	Dry-sub Humid Zone of Haryana State South-West Part similar to dry-sub-humid Zone	Annual average rainfall is 1000 mm/yr.(app.) Source of irrigation – Tubewell (85%) & canal (15%)
2	North-East Part almost similar to Sub-Humid Sutlej Ganga Alluvial Plain Zone and falls under Shivalik foot-hills area	Ground Water Status – Dark Zone Temperature range - 2 ⁰ C – 45 ⁰ C

b) Topography

S. No.	Agro ecological situation	Characteristics
1*	The land use pattern in Ambala district indicates that 0.74% of its total geographical area (1, 53, 171 ha) is under forest and about 88% of the total geographical area is cultivable area. Out of total geographical area about 86% is net sown area and the net irrigated area is approximately 98% i.e. 128590 ha (canal-14.4% and tubewell-85.6%)	Rice, Wheat and Sugarcane are the dominating crops which accounts for 62%, 66% and 8% respectively of the total sown area. About 10-12% of the total net sown area comes under the cultivation of horticultural crops (fruit, vegetables, flowers, spices and medicinal crops). The trend of cultivation of Agro-forestry crops is also increasing day by day and up to the end of this financial year, about 3.32% area of cultivated land has already been covered by these crops. The productivity of most of the crops in the district is slightly higher than the state average except in case of wheat and oilseeds. Pulses and oilseeds occupy a very small area in the district. Livestock rearing has been an important component of the farming system in the district. The main source of dairy products in the district is buffalo & cow milk.

KVK Latitude 30⁰ 18' 20" N

76⁰ 55' 46" E

Mean Sea level = 265 mtr.

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
	South – West part		
1	Ustifluent	Very deep well drained coarse loamy calcareous stratified soils with loamy surface on nearly level plain. Slightly eroded, subject to slight flooding associated with slight salinity	Block : Ambala-I (~ 50400 ha)
2	Typic & Fluventic Ustrochepts	Very deep moderately well drained fine loamy calcareous soils with loamy surface on nearly level plain lightly saline, slightly sodic moderately flooded, gently sloping plain with slight erosion in some areas	Block: Ambala-II (~ 13100 ha)
	North-East part		
1	Typic Ustifluent	Stratified coarse loamy soil with loamy surface on nearly level plain slightly eroded, slightly sodic subject to slight flooding. Associated with very deep well drained calcareous stratified coarse loamy soils with loamy surface	Block: Saha (~ 15300 ha)
2	Ustifluent	Very deep well drained coarse loaming calcareous stratified soils with loamy surface on very gently sloping plain moderately eroded & slightly sodic sandy soils	Block: Naraingarh & 40% part of Block Barara & 60 % Block Shahzadpur (~39000 ha)
3	Udic Ustrochepts	Very deep moderately well drained fine loamy soil with loamy surface on nearly level plain slightly eroded	60% part of Block Barara & 40 % Block Shahzadpur (~17200 ha)

2.4. Area, Production and Productivity of major crops cultivated in the district (2017-18)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
I	Agronomy Crops			
1	Rice	85,000	331	40.0
2	Wheat	87,000	404	46.40
3	Sugarcane	12,000	975	812.50
4	Maize	500	0.6	12.0
5	Rabi Oilseed	6000	11	18.30
6	Pulses	1500	1.8	12.00
7	Fodder crops	4200	189	450.0
II	Horticulture crops			
I	Fruits			
1	Mango	1392	131200	94.25
2	Guava	443	84160	190
3	Citrus	10	3000	300
4	Ber	6	0	0
5	Grapes	0	3	0
6	Aonla	10	1670	167
7	Chiku(Sapota)	183	19930	109
8	Litchi	10	2360	236
9	Peach	14.2	90	6.33
10	Pear	23.8	1920	80.67
11	Plum	4.8	380	79.16
12	Strawberry	0.8	180	225
III	Vegetable crops			
1	Potato	3153	83835	265.8896
2	Onion	4652	78911	169.6281
3	Tomato	2380	28918	121.5042
4	Radish	2481	45289	182.5433
5	Carrot	2594	47426	182.8296
6	Cabbage	851	12726	149.5417
7	Cauliflower	2608	40190	154.1028
8	Chillies	1166	4438	38.06175
9	Capsicum	1086	4228	38.93186
10	Bhindi	1542	7260	47.08171
11	Brinjal	485	12065	248.7629
12	Arbi	30	179	59.66667
13	Peas	158	12761	807.6582
14	Leafy vegetables	3999	35011	87.54939
15	Cucurbits			
	i) Bottle gourd	1766	22538	127.6217
	ii) Ridge gourd /Sponge Gourd	539	25670	476.2523
	iii) Cucumber	950	105430	110.9789

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
	iv) Muskmelon	442	42	0.95023
	v) Water melon	51	29	05.68627
	vi) Pumpkin	141	1541	109.2908
16	Others	28	414	147.8571

(Source: Agriculture Department, Ambala & Horticulture Department, Ambala)

2.5. Weather data (2018-19)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April,18	11.7	35.5	21.7	59	37
May,18	38.3	39.1	25.1	47	27
June,18	168.0	37.4	26.6	71	50
July,18	311.0	34.5	26.70	86	70
August,18	142.3	33.6	27.0	88	75
September,18	221.3	32.0	24.2	89	70
October,18	33.6	31.6	17.6	80	46
November,18	0	26.8	13.7	82	53
December,18	27.8	21.1	07.3	93	64
January,19	12.2	19.4	07.8	88	63
February,19	--	--	--	--	--
March,19	--	--	--	--	--
Total	--	--	--	--	--

(Source : IMD,Chandigarh)

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district (2012)

Category	Population	Production	Productivity
Cattle			
	62,620	39,040 tons	5.8 Lit/D/Animal
<i>Crossbred</i>			
<i>Indigenous</i>			
Buffalo	2,15,341	1,64,607 tons	5.6 Lit/D/Animal
Sheep	13,468	21,634 kg. Wool 2,48,156.19 kg. Meet	--
Goats	7,616	5,13,100 kg Milk 4,56,230 kg. Meet	--
Pigs	5,096	3,03,520 kg. Meet	58.40 kg./Pig
<i>Crossbred</i>			
<i>Indigenous</i>			
Rabbits	1,126	--	--
Poultry			
	7,09,110	258038700 Eggs	327300 kg. Chicken
Hens			
<i>Desi</i>			
Category		Production (Q.)	Productivity
Fish (Reservoir) Ponds	370.14 ha (Area)	1932.5 ton	5.14 /ha

*Statical report

*Population data are collected after five years

(Source : Department of Animal Husbandry,Ambala)

2.7 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Barara	Saha	Adhoi, Dheen, Ghelri, Hamamajra, Rajouli, Tangail	<p>Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery</p> <p>Potato, Onion & other Vegetable & Fruit crops</p> <p>Livestock</p> <p>Women Empowerment</p>	<p>Low Yield :</p> <ul style="list-style-type: none"> -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system -Sodicity hazards in soil <p>Low yield in Horti. Crops due to:</p> <ul style="list-style-type: none"> -Poor crop management techniques & unjudicious use of inputs -Old Varieties -Poor net return due to sole crops <ul style="list-style-type: none"> -Low fodder yield : Old variety -Low milk yield - Poor nutritional and management practices -Anoestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats <ul style="list-style-type: none"> -Unhygienic condition -Poor health & nutritional status -Non availability of vegetable seeds & lack of scientific knowledge for value addition of seasonal fruits & vegetables -Fatigue in performing household & field work 	<ul style="list-style-type: none"> -Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management <ul style="list-style-type: none"> -Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout <ul style="list-style-type: none"> -Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation <ul style="list-style-type: none"> -Women empowerment through knowledge and skill upgradation -Promotion of Nutrition gardens -Processing & value addition -Drudgery reducing women friendly tools & technologies

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Ambala cantt	Ambala –II	Kardhan, Khudda, Ratenhari, Sapera, Kapoori	<p>Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery</p> <p>Potato, Onion & other Vegetable & Fruit crops</p> <p>Livestock</p> <p>Women Empowerment</p>	<p>Low Yield :</p> <ul style="list-style-type: none"> -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system -Sodicity hazards in soil <p>Low yield in Horti. Crops due to:</p> <ul style="list-style-type: none"> -Poor crop management techniques & unjudicious use of inputs -Old Varieties -Poor net return due to sole crops <ul style="list-style-type: none"> -Low fodder yield : Old variety -Low milk yield - Poor nutritional and management practices -Anoestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats <p>-Poor health & nutritional status</p>	<ul style="list-style-type: none"> -Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management <ul style="list-style-type: none"> -Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout <ul style="list-style-type: none"> -Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation <ul style="list-style-type: none"> -Women empowerment through knowledge and skill upgradation

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Ambala city	Ambala-I	Durana, KotKachha, Machhaunda, Naggal, Dukheri	<p>Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery</p> <p>Potato, Onion & other Vegetable & Fruit crops</p> <p>Livestock</p> <p>Women Empowerment</p>	<p>Low Yield :</p> <ul style="list-style-type: none"> -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system -Sodicity hazards in soil <p>Low yield in Horti. Crops due to:</p> <ul style="list-style-type: none"> -Poor crop management techniques & unjudicious use of inputs -Old Varieties -Poor net return due to sole crops <ul style="list-style-type: none"> -Low fodder yield : Old variety -Low milk yield - Poor nutritional and management practices -Anoestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats <p>-Poor health & nutritional status</p>	<ul style="list-style-type: none"> -Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management <ul style="list-style-type: none"> -Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout <ul style="list-style-type: none"> -Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation <ul style="list-style-type: none"> -Women empowerment through knowledge and skill upgradation

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Barara	Barara	Akbarpur, Bhita, Goli Dhurala, Hamidpur, Saha, Jawahargarh, Samelhari, Sambhalkha, Tepla, Landha, Paplotha, Fulelmajra, Haldari	<p>Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery</p> <p>Potato, Onion & other Vegetable & Fruit crops</p> <p>Livestock</p> <p>Women Empowerment</p>	<p>Low Yield :</p> <ul style="list-style-type: none"> -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system -Sodicity hazards in soil <p>Low yield in Horti. Crops due to:</p> <ul style="list-style-type: none"> -Poor crop management techniques & unjudicious use of inputs -Old Varieties -Poor net return due to sole crops <ul style="list-style-type: none"> -Low fodder yield : Old variety -Low milk yield - Poor nutritional and management practices -Anoestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats <p>-Poor health & nutritional status</p>	<ul style="list-style-type: none"> -Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management <ul style="list-style-type: none"> -Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout <ul style="list-style-type: none"> -Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation <ul style="list-style-type: none"> -Women empowerment through knowledge and skill upgradation

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Narain-garh	Shahzadpur	Pilakhani, Bichpuri, Kadasan, Kodwa Neknama, Racheri, Shahzadpur	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery Potato, Onion & other Vegetable & Fruit crops Livestock Women Empowerment	<p>Low Yield :</p> <ul style="list-style-type: none"> -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system -Sodicity hazards in soil <p>Low yield in Horti. Crops due to:</p> <ul style="list-style-type: none"> -Poor crop management techniques & unjudicious use of inputs -Old Varieties -Poor net return due to sole crops <ul style="list-style-type: none"> -Low fodder yield : Old variety -Low milk yield - Poor nutritional and management practices -Anoestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats <ul style="list-style-type: none"> -Poor health & nutritional status -Fatigue in performing household & field work 	<ul style="list-style-type: none"> -Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management -Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout <ul style="list-style-type: none"> -Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation <ul style="list-style-type: none"> -Women empowerment through knowledge and skill upgradation -Drudgery reducing women friendly tools & techniques

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Naraingarh	Naraingarh	Badagarh, Ballopur, Panjlasa, Gadoli, Kurali, Nanhera, Bakhtua, Badikodi, Badholi, Nabipur	<p>Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery</p> <p>Potato, Onion & other Vegetable & Fruit crops</p> <p>Livestock</p> <p>Women Empowerment</p>	<p>Low Yield :</p> <ul style="list-style-type: none"> -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system -Sodicity hazards in soil <p>Low yield in Horti. Crops due to:</p> <ul style="list-style-type: none"> -Poor crop management techniques & unjudicious use of inputs -Old Varieties -Poor net return due to sole crops <ul style="list-style-type: none"> -Low fodder yield : Old variety -Low milk yield - Poor nutritional and management practices -Anoestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats <p>-Poor health & nutritional status</p>	<ul style="list-style-type: none"> -Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management <ul style="list-style-type: none"> -Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout <ul style="list-style-type: none"> -Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation <ul style="list-style-type: none"> -Women empowerment through knowledge and skill upgradation

2.8 Priority thrust areas

Crop/Enterprises	Problem	Thrust Area
Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Traditional sowing & field preparation techniques -Low yielding old varieties -Low yield due to Rice-wheat cropping system Solidity hazards in soil	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management -Management of problematic soil & water
Potato, Onion & other Vegetable & Fruit crops	Low yield : -Poor crop management techniques & unjudicious use of inputs -Low yield due to old varieties in horticulture crops -Poor net return due to sole crops	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout
Livestock	-Low fodder yield of old variety -Low milk yield -Anoestrus, Repeat Breeding -Poor nutritional and management practices -Low egg production of desi birds -High mortality -Mineral deficiency in goats	Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation
Women Empowerment	-Poor health & nutritional status -Non availability of vegetable seeds & lack of scientific knowledge for value addition of seasonal fruits & vegetables -Fatigue in performing household & field task	-Women empowerment through :Knowledge & skill up gradation -Promotion of Nutrition gardens , Processing and value addition -Improve Health, Hygiene & Sanitation -Drudgery reducing woemn friendly tools & techniques

3. TECHNICAL PROGRAMME

3. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
13	130	42	280

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
P.F. 38	818	166	8300
R.Y. 12	376		
E.F. 4	100		

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
Paddy- 30	Mango - 200	--	500
Wheat – 150	Lemon - 200		
Sugarcane-1500	Poplar – 1000		
Lentil- 5	Total = 1400		
Total = 1685			

Others	Livestock (No.)		
(9)	(10)		
Vermi Compost-10 qtl.	Piglets – 100		
Mushroom - 01qtl.	Goat kids-10		
	Poultry Birds-1000		

3. B. Abstract of interventions to be undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
A. Agronomy									
1	Varietal Evaluation	Wheat	-Low yield due to existing old varieties (H.D.2967) & Incidence of Yellow Rust	Varietal Evaluation of Wheat (DBW-90)	Improved Wheat Variety (HD-3059)	-Integrated Crop Management in Wheat	Integrated Nutrient Management	<ul style="list-style-type: none"> • Survey • Kisan Gosthi • Field Day • Field visits • Krishi Vigyan Patrika 	<ul style="list-style-type: none"> ▪ Seed DBW (125 kg/ha) HD-3059(125 kg/ha) ▪ Pinoxaden 5 EC 1 lit./ha ▪ Package practices
		Rice	-High cost of cultivation in existing long duration varieties(Hybrid :Swift gold)	--	Improved variety of Rice-PR-126	Integrated Crop Management in Paddy	--	<ul style="list-style-type: none"> • Survey • Kisan Gosthi • Field Day • Messages Social Media 	<ul style="list-style-type: none"> ▪ Seed (20 kg/ha) ▪ Carbendazim @ 3 gm/kg seed ▪ Aniloguard @ 750 ml/ha ▪ Zinc ▪ Package practice
		Mungbean	Low yield due to existing old varieties (SML-668)	Varietal Evaluation of Summer Moong (IPM2-14)	--	Integrated Crop Management in Pulse crops	--	<ul style="list-style-type: none"> • Survey • Kisan Gosthi • Krishi Vigyan Patrika • Social Media 	<ul style="list-style-type: none"> ▪ Seed (25 kg./ha) ▪ Package practice
2	Integrated Weed Management	Sugarcane	Poor weed management using using non recommended herbicides (Atrazine) in Sugarcane	--	-Weed Management in Sugarcane(Pre-emergence application of Metribuzine @ 2 kg. & 2,4-D	Best management practices for Sugarcane		<ul style="list-style-type: none"> • Survey • Kisan Gosthi • Field day • Field visits Social Media 	<ul style="list-style-type: none"> ▪ Metribuzine @ 2 kg/ha & 2,4-D @ 2 kg/ha
B. Soil Health & Fertility Management:									
3	Soil & Water Testing	Wheat	Low yield due to imbalanced fertilizer application	--	Application of balanced fertilizer in Wheat	- Method of taking soil samples and importance of its analysis -Soil testing based fertilizer application in Rabi crops	-	<ul style="list-style-type: none"> • Survey • Method Demo. • Awareness : Soil Testing • Field Day • Messages • Soil campaigns 	<ul style="list-style-type: none"> -Seed Drill -Micronutrients (Zinc Sulphate @ 20 kg./ha)

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
C. Plant Protection:									
4	Integrated Disease Management	Rice	Yield loss due to Leaf Folder	Management of Leaf Folder in Rice through Cartap Hydrochloride 75 S.G.@430 gm/ha)	--	Integrated Disease Management in Rice	--	<ul style="list-style-type: none"> • Survey • Diagnostic visits • Krishi Vigyan Patrika • Messages 	Cartap Hydrochloride 75 S.G.@430 gm/ha)
		Wheat	Low yeid due to Yellow Rust infestation	--	Management of Yellow rust in Wheat through Propiconazole 25% EC @ 500 ml/ha	Integrated Disease Management in Wheat	--	<ul style="list-style-type: none"> • Survey • Diagnostic visits • Krishi Vigyan Patrika • Messages • Social Media 	Propiconazole 25% EC @ 500 ml/ha
		Onion	Yield loss due to incidence of Purple blotch	Management of Purple blotch in Onion @ Copper Oxychloride @ 1 kg/ha	--	Integrated Disease Management in Onion	--	<ul style="list-style-type: none"> • Survey • Diagnostic visits • Messages • Social Media 	Copper Oxychloride @ 1 kg/ha
5	Integrated Pest Management	Wheat	Low yield due to Aphid Infestation	--	Control of Aphid in Wheat through Thiamethoxam 25 WG @ 50 gm/ha	--	--	<ul style="list-style-type: none"> • Survey • Diagnostic visits • Krishi Vigyan Patrika • Messages 	-Thiamethoxam 25 WG @ 50 gm/ha
		Sunflower	Low yield due to insect attack (Head borer)	--	Control of Head borer in Sunflower through Quinalphose @ 1.5 lit./ha	-Best Management practices for Oilseed crops -Integrated Pest Management in Sunflower	--	<ul style="list-style-type: none"> • Survey • Diagnostic visits • Krishi Vigyan Patrika • Messages 	-Quinalphose @ 1.5 lit./ha
		Mango	Yield & quality loss due to Mango Mealy bug	Control of Mango Mealy-bug through Quinalphos 25 EC @ @ 750 ml/ha	--	Integrated Pest Management in Mango	--	<ul style="list-style-type: none"> • Survey • Diagnostic visits • Krishi Vigyan Patrika • Messages 	Quinalphos 25 EC @ @ 750 ml/ha

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
D. Horticultural Crops									
6	Varietal Evaluation	Onion	Low yield due to old variety	Assessment of Onion variety (Red-2 (L-355)	Improved variety of Onion (NHRDF RED Onion)	Integrated Crop Management in Onion		<ul style="list-style-type: none"> • Survey • Field visits • Field Day • FAS • Messages 	-Seed i. Red-2 (L-355) 10 kg./ha ii.NHRDF-Red (10 kg/ha)
		Pea	Low yield due to old variety	Assessment of Pea variety (AP-3)	--	Integrated Crop Management in Pea	--	<ul style="list-style-type: none"> • Survey • Field visits • FAS 	Seed @ 75 kg./ha
		Squash Melon	Low yield due to old variety	Assessment of Squash Melon (Punjab Tinda-1)	--	Integrated Crop Management in Squash Melon	--	<ul style="list-style-type: none"> • Survey • Field visits • FAS • Messages 	Seed @ 3.75 kg/ha
7	Integrated Crop Management	Tomato	Low yield due to lack of knowledge about improved farm practices	--	Integrated Crop Management of Tomato	Integrated Crop Management in Tomato	--	<ul style="list-style-type: none"> • Survey • Field visits • Field Day • FAS • Messages • Social Media 	-Pendimethaline @ 3.25 lit. -Diethane (M-45) @1.5 kg./ha -Cypermethrin @ 150 ml/ha
		Potato	Un-judicious use of Farm input Disease, Weed & Pest attack etc.	--	Integrated Crop Management of Potato	Integrated Crop Management in Potato	--	<ul style="list-style-type: none"> • Survey • Field visits • Field Day • FAS 	-Pendimethalin@ 5 lit./ha -Diethane (M-45)@ 1.5 kg/ha

(B) Farm Machinery

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Farm Machinery	Mustard	Low yeild on traditional method (Broadcasting)	Evaluation of Line sowing method for Mustard	--	--	--	<ul style="list-style-type: none"> • Survey • Method Demo. • Awareness : Soil Testing • Field Day • Messages Social Media 	<ul style="list-style-type: none"> • Seed (5kg/ha)
2	RCT/Farm Machinery	Wheat	-Soil health deterioration due to trash/residue burning -Environmental pollution due to burning	-Assessment of Wheat sowing Methods (CRM)	-Management of Sugarcane trash by Straw Chopper for Wheat Sowing(without burning) -Happy Seeder for Wheat sowing	Recent technology in In-situ Crop residue Management	In-situ Crop Residue Management	<ul style="list-style-type: none"> • Survey • Awareness : No Burning of Crop Residues • Field visits • Lectures • Messages Social Media 	<ul style="list-style-type: none"> -Straw Chopper -Seed-cum-Fertilizer Drill -Happy Seeder -Seed HD-3059 (125 kg./ha) HD-2967 @ 112.5 kg/ha -Choloropyriphos @ 4 ml/kg seed -Raxil @ 1 gm/kg. seed

(C) Livestock

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	training for extension personnel	Extension activities	Supply of seeds, planting materials
1	Feed & Fodder Management	Fodder crop	-Low yield of old variety -Un-availability of Green forage in off season	Evaluation of Berseem variety (BL 43)	-Popularization of Berseem variety BL-42 -Preservation of green forage as silage in silobags	Feed & Fodder Management (2)	--	<ul style="list-style-type: none"> • Survey • Field Day • Gosthi • FAS 	-Berseem seed @ 20-25 kg/ha -Silobags (1 bag/demo.)
2	Evaluation of breed/ variety	Poultry	Low egg production of local/non descript poultry birds	--	Improved Poultry breed (Chebron)	-Back-yard Poultry Management	--	<ul style="list-style-type: none"> • Lectures • Exposure visits • FAS 	BYP - 10 Chicks (7 week old age)/each
3	Production and Management	Dairy	Retarded growth and weak immunity of calves	Assessment of Prebiotic containing Refined functional carbohydrates on calves' overall health and immunity	--	-Good Health and Production Management in dairy animals(2) -Calf rearing & management practices	--	<ul style="list-style-type: none"> • Survey • Gosthi • FAS 	Prebiotic containing RFCs (1.5-2 kg/ demo)
4	Disease Management & Production Management	Milch animals	-Suboptimal health & production	-Assessment of Dietary cation-anion difference (DCAD) Balanced Diet to optimize animal productivity	--	-Management of Mastitis and Clean milk production practices -Ethnoveterinary practices for disease management in dairy animals (2)	-	<ul style="list-style-type: none"> • Survey • Gosthi • FAS • Animal Health Camp 	-DCAD Balancing suppliments)
5.	Nutritional management	a.Pig b.Poultry c.Dairy	Poor Health and production due to malnutrition	--	-Feeding Distillers Dried Grains with Solubles (DDGS) as protein rich source -Azolla cultivation & it's importance	- Pig, Poultry & Dairy Farming		<ul style="list-style-type: none"> • Survey • Lectures • FAS 	-DDGS feed -Azola Seed (3 kg/demo)

(D) Other Enterprises (Home Science)

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	<ul style="list-style-type: none"> • Women empowerment 	<ul style="list-style-type: none"> • Women & Child HealthCare 	<ul style="list-style-type: none"> -Poor health & nutritional status -Non availability of vegetable seeds -Lack of scientific knowledge for value addition of seasonal vegetables -Fatigue in performing household & field task 	--	<ul style="list-style-type: none"> • Nutritional gardens for household food security & sustainable Livelihood 	<ul style="list-style-type: none"> -Promotion of Nutrition Gardens for family health & sustainable livelihood -Value Added products preparation techniques -Storage loss minimisation techniques -Women & Child care, personal health, hygiene & sanitation -Drudgery reducing techniques in household activities -Income generating activities for Empowerment of rural women 	--	<ul style="list-style-type: none"> • Awareness • Celebration of Important Days : <ul style="list-style-type: none"> -International Women Day -Mahila Kisan Diwas -Nutrition Week -Swacchta Abhiyan • -Popularization of various activities : <ul style="list-style-type: none"> Print media approach, message services & Social media 	<ul style="list-style-type: none"> -Improved vegetables seeds, layout and management of Kitchen garden -Value addition of seasonal vegetables -Awareness regarding drudgery reducing technique & women friendly tools

3.1 Technologies to be assessed and refined

A.1 Abstract on the number of technologies to be assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	1	--	1	--	3	--	--	--	--	5
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	1	1	--	--	--	--	--	--	--	2
Value addition	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	1	--	--	--	--	1	--	--	--	2
Integrated Disease Management	--	--	--	--	1	--	--	--	--	1
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	3	1	1	--	4	1	--	--	--	10

A.2. Abstract on the number of technologies to be refined in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Kitchen garden	Tuber Crops	TOTAL
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

A.3. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds	--	--	--	--	--	--	--	--
Nutrition Management	--	--	--	--	--	--	--	--
Disease of Management	1	--	--	--	--	--	--	1
Value Addition	--	--	--	--	--	--	--	--
Production and Management	1	--	--	--	--	--	--	1
Feed and Fodder	1	--	--	--	--	--	--	1
Small Scale income generating enterprises	--	--	--	--	--	--	--	--
TOTAL	3	--	--	--	--	--	--	3

A.4. Abstract on the number of technologies to be refined in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	--	--	--	--	--	--	--	--
Nutrition Management	--	--	--	--	--	--	--	--
Disease of Management	--	--	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--	--	--
Feed and Fodder	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--

B. Details of On Farm Trial /Testing (OFT)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/ farmers	Performance Indicators (Technological,Economic & Farmer's perception)
1. Rabi Crops									
Varietal Evaluation of Wheat (DBW-90)	Low yield due to old varieties	Lack of awareness about new released varieties for late sowing of wheat	T ₁ – HD-3059 (F.P.) T ₂ – DBW-90 (IIWBR- 2014) Rec.	IIWBR, Karnal	Seeds (125 kg./ha)	15000	4 ha	10	I. Technological 1.No.of tillers/m ² 2.Yield (q/ha) II. Economics : -Increase in Yield (%) -Cost of Cultivation (Rs./ha) -Net Return (Rs./ha) - BCR III.Farmer's perception - Adoption (%)
Varietal Evaluation of Summer Moong (IPM2-14)	Low yield due to existing varieties	Low fitabiliy in Rice-wheat cropping system due to long duration of existing varieties	T ₁ –SML-668 (F.P.) T ₂ – IPM2-14 (IIPR,Kanpur) Rec.	IIPR, Karnal	Seeds (kg.)		4 ha	10	I.Technological 1.No.of Pods/ plant 2.Yield (q/ha) II.Economics -Increase in Yield (%) -Cost of Cultivation (Rs./ha) -Net return (Rs./ha) -BCR III.Farmer's perception -Adoption (%)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/farmers	Performance Indicators (Technological,Economic & Farmer's perception)
Management of Purple blotch in Onion	Yield loss due to incidence of Purple blotch	Relatively low effectiveness of diathane M-45 in controlling Purple blotch in Onion	T ₁ – Diethane (M-45) @ 1 kg/ha (F.P.) T ₂ - Copper Oxychloride @ 1 kg/ha + Sticker Spray 10-15 days interval (CCSHAU)-Rec.	CCSHAU, Hisar	Copperhydroxide (1 kg/ha)	7000	4 ha	10	I.Technological 1.Incidence of Purple Blotch (%) 2.Yield (q/ha) II.Economics -Increase in Yield (%) -Cost of cultivation (Rs./ha) -Net return (Rs./ha) -BCR III.Farmer's perception -Adoption (%)
Assessment of Onion variety Red-2 (L-355)	Low yield due to old variety	Lack of awareness in farmers regarding new onion variety and poor storage capacity of existing variety	T ₁ – Kalli Patti Pyaz- (F.P.) T ₂ – Onion Red-2 (L-355) (NHRDF) – Rec.	NHRDF, Salaru, Karnal	Seeds (10 kg/ha)	50000	4 ha	10	I.Technological 1.Diameter of Bulb (cm) 2.Weight of Bulb (gm) 3.Disease infestation (%) 4.Yield (qt/ha) II.Economics -Increase in Yield (%) -Cost of cultivation (Rs./ha) -Net returns (Rs./ha) - BCR III.Farmer's perception -Adoption/ Acceptability (%)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/farmers	Performance Indicators (Technological,Economic & Farmer's perception)
Assessment of Pea variety (AP-3)	Low yield due to old variety	Unawareness of new released variety of Pea & low yield due to less no. of pods per plant	T ₁ – Pea (RH-10) - (F.P.) T ₂ – AP-3 (PAU,Ludhiana) – Rec.	PAU, Ludhiana	Seed (75 kg./ha)	30000	4 ha	10	I.Technological 1.No. of pod/ plant 2.Yield (qt/ha) / II.Economics - Increase in Yield (%) -Cost of cultivation (Rs./ha) -Net returns (Rs./ha) -BCR III.Farmer's perception -Adoption/ Acceptability (%)
Evaluation of Line sowing method for Mustard	Low yield on traditional method (Broadcasting)	Unawareness about Line sowing drill for Mustard and difficulties in doing interculturing operation in broadcasting method of sowing	T ₁ - Broadcasting – F.P. T ₂ - Line sowing with Seed drill (PAU) –Ass.	PAU, Ludhiana	Seeds @ 5 kg./ha	5000	4.0	10	I.Technological 1.Field capacity (ha/hr) 2.Labour saving (Man days/ha) 3.Yield (qt./ha) II.Economics -Increase in Yield (%) -Cost of cultivation (Rs./ha) -Net returns (Rs./ha) -BCR III.Farmer's perception - Adoption (%)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/farmers	Performance Indicators (Technological,Economic & Farmer's perception)
Assessment of Wheat sowing methods (Crop Residue Management)	Deterioration in soil properties & environment pollution due to paddy residue burning	More stubbles lying on surface resulted high moisture containing near rust zone for long duration caused poor root zone in farmer practice	T ₁ – Paddy harvesing with traditional combine + Straw Chopper + Happy Seeder (F.P.) T ₂ - Paddy harvesting with Combine fitted with Super S.M.S.+Sowing with Happy Seeder - Ass.		-Combine fitted with Super S.M.S. -Happy Seeder -Seed-112.5 kg. /ha -Choloropyr-iphos (...)	15000	4.0	10	I.Technological 1.Field capacity of sowing system (ha/hr) 2.Soil Testing (N,P & K) (Before sowing & after harvesting) -Yield (qtl/ha) II.Economics -Cost of cultivation (Rs./ha) -Net returns (Rs./ha) - BCR III.Farmer's perception -Adoption(%)
II.Kharif Crops									
Control of Leaf folder in Rice	Yield loss due to Leaf Folder attack	Low yield of Rice due to resistancy developed in Leaf folders against Accephate	T ₁ – Acephate -750 gm./ha (F.P.) T ₂ - Cartap Hydrochloride (75 S.G 430 gm/ha) (PAU) – Rec.	PAU, Ludhiana	Cartap Hydrochloride (75 S.G. @430 gm/ha)	5100	4.0	10	I.Technological 1.Leaf Folder infestation (%) 2.Yield (qtl./ha) II.Economics -Increase in Yield (%) -Cost of cultivation (Rs./ha) -Net Return (Rs./ha) -BCR III.Farmer's perception -Adoption(%)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/farmers	Performance Indicators (Technological,Economic & Farmer's perception)
Control of Mango Mealybug	Yield loss due to attack of Mealybug	Lack of awareness about new recommended insecticides and low effectiveness of insecticides used by farmers	T ₁ – Nuvan 75% EC (1 lit./ha)- (F.P.) T ₂ - Quinalphos Ekaluxe 25 EC (750 ml/ha) (CCSHAU) – Rec.	CCSHAU, Hisar	Quinalphos Ekaluxe 25 EC @ 750 ml/ha	4200	4.0	10	I.Technological 1.Mealybug Infestation (%) 2.Yield (qtl./ha) 3.B.C.Ratio II.Economics -Increase in Yield (%) -Cost of cultivation (Rs./ha) -Net return (Rs./ha) -BCR III.Farmer's perception -Adoption(%)
Assessment of Squash Melon (Punjab Tinda-1)	Low yield due to old variety	Lack of awareness among farmers about University released short duration variety of Squash Melon	T ₁ – Hybrid Mycho -(F.P.) T ₂ – Punjab Tinda - 1 (PAU,Ludhiana) – Rec.	PAU, Ludhiana	Seed (3.75 kg./ha)		4.0	10	I.Technological 1.No. of Fruit/vine 2.Yield (qt/ha) II.Economics -Increase in Yield(%) -Cost of cultivation (Rs./ha) -Net returns (Rs./ha) - BCR III.Farmer's perception - Adoption/ Acceptability (%)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/farmers	Performance Indicators (Technological,Economic & Farmer's perception)
III.Others									
Evaluation of Berseem variety (BL 43)	Low yield of old variety	Low production /result from old varieties of fodder crop berseem	T ₁ : Mescavi - (CCSHAU, Hisar) – F.P. T ₂ : BL-43 (PAU, Ludhiana) – Rec.	PAU, Ludhiana	Seed (20-25 kg./ha)	20000	4.0	10	I.Technological 1.No. of cutting 2.Yield (qtl/ha) II.Economics -Cost of cultivation (Rs./ha) -Net return (Rs./ha) -BCR III.Farmer's perception -Adoption
Assessment of Prebiotic containing Refined functional carbohydrates (RFCs) on Calves' overall health and immunity	Retarded growth and weak immunity of calves	Without prebiotics, overall health and immunity of calves remain challenged as readily available (RFCs) lacks in feeding	T ₁ : Calf milk and milk replacer without any supplementation (FP) T ₂ : Calf milk and milk replacer supplemented with prebiotic containing RFCs (Assessment)- Newsletter - Dairy Herd Management	Newsletter - Dairy Herd Management	Prebiotic containing RFCs (1.5-2 kg./demo.)	20000	20 calves (10 for each treatment)	10	I.Technological 1.Body weight of calves (48 days) (kg.) 2.Any prevalence of disease infestation(%) II.Economics -Reduced expenses related to health and immunity challenges III.Farmer's perception - Adoption (%)

Title of OFT	Problem identified	Major cause of problem	Technological intervention	Source of technology	Critical inputs	Cost(Rs.) of critical input	Area (ha) of OFT/number of animals (Cattle,buffalo,goat,sheep,poultry)	No.of replications/farmers	Performance Indicators (Technological,Economic & Farmer's perception)
Assessment of Dietary cation-anion difference (DCAD) balanced Diet to optimize Animal productivity	Quantitative as well as qualitative Suboptimal production	Dietary Cation-anion difference (DCAD) remains unbalanced in conventional feeding of dairy milch animal hence productivity affected negatively	T ₁ : Standard balanced diet without balancing DCAD (FP) T ₂ : Standard balanced diet + DCAD (Dietary cation-anion difference) balancing suppliments at pre and post parturition stage (Assessment) – Journal of Animal Science and Biotechnology	Journal of Animal Science and Biotechnology	DCAD (Dietary cation-anion difference) Balancing suppliments	20000	20 HF Cross cows	10	I.Technological 1.Milk Production (lit/Lactation), 2.Milk quality (Fat & SNF%) 3.Incidence of Milk fever (%) II.Economics -Milk Price (Rs./Liter) III.Farmer's perception -Adoption (%)

3.2 Frontline Demonstrations

A. Details of FLDs to be organized -

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/demon.	Parameters identified
I. Rabi									
Agronomy									
1	Wheat	HD-3059	Varietal Evaluation	Improved Wheat variety HD-3059	• Seed @125 kg./ha	Rabi 2019-20	4.0	10	-No. of tillers/m ² -Yield (q/ha) -BCR
2	Sugarcane	CoJ-85	Weed Management	Weed Management in Sugarcane	• Metribuzine @ 2 kg/ha • 2,4-D @ 2 kg/ha	Rabi 2019-20	4.0	10	-Yield (q/ha) -BCR
Soil Health & Fertility Management									
3	Wheat	H.D.2967	Soil & Water Testing	Application of balanced Fertilizer in Wheat	• Micronutrients (Zinc Sulphate @ 20 kg./ha) • Seed drill	Rabi 2019-20	4.0	10	-Soil testing (Before sowing of wheat) -Yield (q/ha) -BCR
Horticulture									
4	Potato	Kufri Pukhraj	Integrated Crop Management	Integrated Crop Management in Potato	• Pendamethlin @ 5 lit./ha • Diethane (M-45) @ 1.5 kg/ha	Rabi 2019-20	4.0	10	-Yield (q/ha) -No. of weeds (m ²) -Disease Infestation (%) -BCR
5	Onion	NHRDF-RED	Integrated Crop Management	Integrated Crop Management of Onion	• Seed @ 10 kg/ha	Rabi 2019-20	4.0	10	-Yield (q/ha) -Size of bulb (cm) -BCR
Plant Protection									
6	Wheat	HD-2967	Integrated Pest Management	Control of Aphid in Wheat	• Thiamethoxam 25WG @ 50 gm/200-250 liter water/ha (PAU)	Rabi 2019-20	4.0	10	-Aphid infestation (%) -Yield (q/ha) -BCR
7	Wheat	HD-2967	Integrated Disease Management	Management of Yellow rust in Wheat	• Tilt (Propiconazole 25 % EC @ 500 ml/ha (PAU)	Rabi 2019-20	4.0	10	-Incidence of Disease (Yellow Rust) % -Yield (q/ha) -BCR
8	Sunflower	Syngenta-207	Integrated Pest Management	Control of Head borer in Sunflower	• Quinalphose 1.5 liter/200 liter water/ha (CCSHAU)	Rabi 2019-20	4.0	10	-Head borer (%) -Yield (q/ha) -BCR
Total							32.0	80	

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/demon.	Parameters identified
	Kharif				•				
9	Rice	PR-126	Varietal Evaluation	Improved variety of Rice (PR-126)	<ul style="list-style-type: none"> • Seed (20 kg./ha) • Carbendazim @ 3 gm/kg seed • Herbicide (Anilophos @ 3 g./kg seed) • Zinc 	Kharif 2019	4.0	10	-Yield (q/ha) -BCR
10	Tomato	Namdhari-524	Integrated Crop Management	Crop Management of Tomato	<ul style="list-style-type: none"> • Pendimethaline @ 3.25 liter • Diethane (M-45) @ 1.5 kg/ha • Cypermethrin @ 150 ml/ha) 	Kharif 2019	4.0	10	-Yield (q/ha) -BCR
					Total		8.0	20	
					G.Total		40.0	100	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers
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B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	5	--	100
	<ul style="list-style-type: none"> ➤ Wheat (2) ➤ Rice ➤ Onion ➤ Potato ➤ Mustard 		23.4.20 10.9.19 13.2.20 21.2.20	25 25 25 25
2	Farmers Training <ul style="list-style-type: none"> • Best Management practices for Sugarcane • Integrated Crop Management in Paddy • Integrated Disease Management in Rice • Integrated Disease Management in Wheat • Integrated Disease Management in Onion • Integrated Pest management in Sunflower • Integrated Pest Management in Mango • Method of taking soil samples and importance of its analysis • Soil testing based fertilizer application in Rabi crops • Recent technology in In-situ Crop residue Management • Integrated Crop Management in Onion • Integrated Crop Management in Pea • Integrated Crop Management in Tomato • Integrated Crop Management in Potato • Feed & Fodder Management • Production Management in dairy animals. • Ethnoveterinary practices for disease management • Back-yard Poultry Management • Promotion of Nutrition Gardens for family health & sustainable livelihood 	19	April,19 to March,20	
3	Media coverage	10		

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters /indicators
Straw Chopper (Management of Sugarcane Trash by Straw Chopper for Wheat sowing (without burning))	Wheat	Rabi -2019-20	10	4.0	-Straw Chopper -Seed-cum-Fertilizer Drill -Wheat Seed @ 125 kg/ha	-Soil testing (before sowing & after harvesting) -Cost of cultivation (Rs/ha) -Yield (q/ha) -BCR
Happy Seeder for wheat sowing	Wheat	Rabi – 2019-20	10	4.0	-Happy Seeder -Wheat Seed @ 112.5 kg/ha	-Soil testing (Before sowing & after harvesting of wheat) -Cost of Cultivation (Rs./ha) -Yield (q/ha) -BCR
Total			20	8.0		

(ii) Livestock Enterprises

Enterprise	Technology /Breed	No. of farmers	No. of animals, poultry birds/ha	Critical inputs	Performance parameters / indicators
Dairy animals	Azolla cultivation and it's importance	10	10	Azolla seed (3 kg./demo.)	-Milk Production (Lit./lactation) -Cost of feeding (Rs.)
Pig	Feeding Distillers Dried Grains with Solubles (DDGS) as protein rich source	20	10	DDGS feed	-Body weight (kg.) -Litter size -Mortality (%)
Poultry	Feeding Distillers Dried Grains with Solubles (DDGS) as protein rich source	20	10	DDGS feed	Egg production (No./bird)
Poultry	Improved Poultry Breed-Chebron	30	300	10 (7 week old chicks/demo)	Egg production (No./bird)
Fodder crop	Popularization of Berseem variety BL-42	10	4.0 ha	Berseem seed @ 20-25 kg/ha	-Yield (Qtl/ha) -Cutting (No.) -Duration (Days)
	Preservation of green forage as silage in silobags	10	10	Silobag (1 bag/demo)	-Milk production (Lit./lactaton) -Feeding cost (Rs.)
Total		100	4 ha & 340 Ani./Bird		

(iii) Women Empowerment /Home Science

Enterprise	No. of farm women	Area (ha)	Critical inputs	Performance parameters /indicators
Kitchen gardening	60	--	Improved Lay-out Plan & Vegetables seeds	1. Adoption of technology (%) 2. Budget saving(Rs./year/unit). Technical observation : Gain in knowledge(%) Farmers reaction: 1.Skill Acquisition (Adoption%) 2.Family Health & Nutrition(Interview & Visual observation) 3.Economical Observation :Family income saving
Total	60			

3.3 Training (Including the sponsored and FLD training programmes):

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	2	33	0	33	7	0	7	40
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	2	35	0	35	5	0	5	40
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	30	0	30	0	0	0	30
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	1	13	0	13	2	0	2	15

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	1	12	0	12	3	0	3	15
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	10	10	0	15	15	25
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	1	0	10	0	0	15	15	25
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Repair and maintenance of farm machinery and implements	1	16	0	16	4	0	4	20
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	1	15	0	15	5	0	5	20
Integrated Disease Management	1	15	0	15	5	0	5	20
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	1	20	0	20	20	0	20	40
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	1	19	0	19	0	0	0	19
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)								
TOTAL	15	208	20	228	51	30	81	309
(B) RURAL YOUTH								
Mushroom Production	1	25	0	25	15	0	15	40
Bee-keeping	1	20	0	20	5	0	5	25
Integrated farming	0	0	0	0	0	0	0	0
Seed production	1	28	0	28	2	0	2	30
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	24	0	24	8	0	8	32
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	1	0	10	10	0	19	19	29
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	2	60	0	60	10	0	10	70
Sheep and goat rearing	1	25	0	25	5	0	5	30
Quail farming	0	0	0	0	0	0	0	0
Piggery	2	50	0	50	10	0	10	60
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	2	50	0	50	10	0	10	60
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	12	282	10	292	65	19	84	376
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	1	25	0	25	0	0	0	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	1	25	0	25	0	0	0	25
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	1	20	0	20	5	0	5	25
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
Doubling Farmers Income through Integrated Farming System	1	20	0	20	5	0	5	25
TOTAL	4	90	0	90	10	0	10	100
G. Total	4	90	0	90	10	0	10	100

B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	18	0	18	2	0	2	20
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	30	0	30	0	0	0	30
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	1	16	0	16	4	0	4	20
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	1	12	0	12	3	0	3	15
IV Livestock Production and Management								
Dairy Management	3	60	0	60	0	0	0	60
Poultry Management	1	30	0	30	0	0	0	30
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management /goat	0	0	0	0	0	0	0	0
Disease Management	3	75	0	75	0	0	0	75
Feed management	2	45	0	45	0	0	0	45
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	0	0	0	20	20	20
Value addition	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	1	0	10	10	0	25	25	35
Location specific drudgery reduction technologies	1	0	5	5	0	10	10	15

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	5	5	0	20	20	25
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	2	30	0	30	10	0	10	40
Integrated Disease Management	1	15	0	15	5	0	5	20
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production (Horti.)	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	1	20	0	20	0	0	0	40
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	0	19	19	0	0	0	19
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths (Agro.)	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)								
TOTAL	23	351	39	390	24	75	99	509
(B) RURAL YOUTH								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0
G. Total	0	0	0	0	0	0	0	0

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	2	33	0	33	7	0	7	40
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	3	53	0	53	7	0	7	60
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	4	60	0	60	0	0	0	60
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	1	13	0	13	2	0	2	15
Processing and value addition	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	2	28	0	28	7	0	7	35
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	1	12	0	12	3	0	3	15
IV Livestock Production and Management								
Dairy Management	3	60	0	60	0	0	0	60
Poultry Management	1	30	0	30	0	0	0	30
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	3	75	0	75	0	0	0	75
Feed management	2	45	0	45	0	0	0	45
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	10	10	0	15	15	25
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	0	0	0	20	20	20
Value addition	1	0	10	10	0	15	15	25
Income generation activities for empowerment of rural Women	1	0	10	10	0	25	25	35
Location specific drudgery reduction technologies	1	0	5	5	0	10	10	15
Rural Crafts								
Women and child care	1	0	5	5	0	20	20	25
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Repair and maintenance of farm machinery and implements	1	16	0	16	4	0	4	20
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	3	45	0	45	15	0	15	60
Integrated Disease Management	2	30	0	30	10	0	10	40
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	2	40	0	40	40	0	40	80
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	2	19	0	19	0	19	19	38
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)								
TOTAL	38	559	40	599	95	124	219	818
(B) RURAL YOUTH								
Mushroom Production	1	25	0	25	15	0	15	40
Bee-keeping	1	20	0	20	5	0	5	25
Integrated farming	0	0	0	0	0	0	0	0
Seed production	1	28	0	28	2	0	2	30
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	24	0	24	8	0	8	32
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	1	0	10	10	0	19	19	29
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	2	60	0	60	10	0	10	70
Sheep and goat rearing	1	25	0	25	5	0	5	30
Quail farming	0	0	0	0	0	0	0	0
Piggery	2	50	0	50	10	0	10	60
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	2	50	0	50	10	0	10	60
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	12	282	10	292	65	19	84	376

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	1	25	0	25	0	0	0	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	1	25	0	25	0	0	0	25
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	1	20	0	20	5	0	5	25
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
Doubling Farmers Income through Integrated Farming System	1	20	0	20	5	0	5	25
TOTAL	4	90	0	90	10	0	10	100
G. Total	4	90	0	90	10	0	10	100

Details of training programmes attached in **Annexure –I**

1.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers						Extension Officials		Total
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day: Summer Moong, Chickpea, Lentil, Wheat, Rice, sugarcane, Mustard, Potato, Onion	9	260	0	260	20	0	20	36	9	345
Kisan Mela	1	550	75	625	125	75	200	20	5	850
Kisan Ghosthi	10	200	20	220	50	25	75	50	10	355
Exhibition	5	550	75	625	125	75	200	20	5	850
Film Show	10	200	11	211	50	16	66	12	1	290
Farmers Seminar	0	0	0	0	0	0	0			0
Workshop	0	0	0	0	0	0	0	0	0	0
Group meetings	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	58	580	0	580	174	0	174	50	8	812
Newspaper coverage	34	0	0	0	0	0	0	0	0	0
Radio talks	0	0	0	0	0	0	0	0	0	0
TV talks	0	0	0	0	0	0	0	0	0	0
Popular articles	5	0	0	0	0	0	0	0	0	0
Extension Literature	7	500	50	550	100	50	150	0	0	650
Advisory Services	0	0	0	0	0	0	0	0	0	0
Scientific visit to farmers field	500	815	85	900	0	0	0	0	0	900
Farmers visit to KVK	1000	700	50	750	250	50	300	0	0	1050
Diagnostic visits	200	200	0	200	5	1	6	10	0	206
Exposure visits	6	160	0	160	20	0	20	6	0	186
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	1	50	0	50	10	0	10	3	0	63
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	2	40	0	40	3	0	3	4	0	47
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0
Celebration of important days: <ul style="list-style-type: none"> • World Honey Bee Day • Nutrition Week • Mahila Kisan Diwas • World Soil Day • International 	6	325	45	370	70	150	220	15	5	610

Nature of Extension Activity	No. of activities	Farmers						Extension Officials		Total
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Women Day • Van-Mahotsava										
Krishi Mohotsva	0	0	0	0	0	0	0	0		0
Pre Kharif workshop	0	0	0	0	0	0	0	0		0
Pre Rabi workshop	0	0	0	0	0	0	0	0		0
PPVFRA workshop	0	0	0	0	0	0	0	0		0
Any Other (Health Camp)	1	0	10	10	0	23	23	1	1	35
Method Demo.	5	50	0	50	5	0	5	5	1	61
Soil Campaign	2	100	0	100	50	0	50	4	0	154
Swachh Bharat Mission	2	200	150	350	50	150	200	12	6	568
Crop Residue Management	2	100	50	150	50	50	100	12	6	268
Total	166	5580	621	6201	1157	665	1822	260	57	8300

3.5 Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	PB-1121,PB-1509, PR-126	30
	Wheat	HD-2967,HD-3086,Improved PBW-343	150
	Sugarcane	Co-238, Coj-85, Co-5011	1500
OILSEEDS			
PULSES	Lentil	LL-931	5
VEGETABLES			
OTHERS (Specify)			

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Mango	Langra,Desheri, Ramkela, Amarpali, Malika	200
	Lemon	Baramasi	200
SPICES	--	--	--
	--	--	--
VEGETABLES	--	--	--
	--	--	--
FOREST SPECIES	Poplar	G-48	1000
	--	--	--
ORNAMENTAL CROPS	--	--	--
Others (Mushroom)	Mushroom	Button Mushroom	100 kg.
		Total	1400

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1	Vermi Compost	--	--	100

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle	--	--	--	--
GOAT	Buck	Barbari	10	--
SHEEP	--	--	--	--
POULTRY	Chicks	Chabron	1000	--
Pig farming	Piglets Adult	Large White York Shire	100	--
FISHERIES	--	--	--	--

Others :

CROP MESEUM

Crop	Variety
Wheat	HD-2967, HD-3086, Improved PBW-343, WH-142
Paddy	PR-126, PR-121, PB-1121, PB-1718, PB-1509
Lentil	HM-1, LL-931
Sugarcane	Co-85, Co-0238, Co-5011
Chickpea	Gram-2149, GNG-2171, CSJ-512

NUTRITION GARDEN (1000 m²)

Vegetables	Variety
Seasonal vegetables	Recommended by CCSHAU & PAU

3.6. Literature to be Developed/Published

(A) KVK News Letter

Date of start : 1998
Number of copies to be published : 1000 (500 each half yearly)

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	5
2	Technical reports	10
3	News letters	426
4	Training manual all discipline	--
5	Popular article	5
6	Extension literature	2
Total		

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	VCD	Crop Residue Management	1
2	VCD	Cluster Front Line Demonstrations on Oilseed Cluster Front Line Demonstrations on Pulses	2
3	VCD	Livestock	1

3.7. Success stories/Case studies identified for development as a case. - 2 No.

- 1.
2.
 - a. Brief introduction
 - b. Interventions
 - c. Output
 - d. Outcomes
 - e. Impact
 - i) Social economic
 - ii) Bio-Physical
 - f. Good Action Photographs

3.8 Indicate the specific training need analysis tools/methodology followed for

Practicing Farmers

- a) PRA technique
- b) Bench mark survey
- c) Group discussions with Mukhia/Sarpanch and Farm families
- d) Formation of SHG's/Kisan Clubs

Rural Youth

To generate self employment through small enterprises & various skill based training programmes Identified through:

- a) Ex-trainees Sammelan/Ex-Trainees Meet/Feedback/Survey
- b) Discussions with line departments & progressive farmers & farm women

In-service personnel

- a) Discussions with different line department during SAC meetings: Need for in-service training is identified, planned and organized.

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

- i) **PRA**
- ii) **Problem identified from Matrix**
- iii) **Field level observations**
- iv) **Farmer group discussions**
- v) Others if any

For FLD:

- i) **New variety/technology**
- ii) **Poor yield at farmers level**
- iii) **Existing cropping system**
- iv) Others if any

3.10 Field activities (2019-20)

- i. Name of villages identified/adopted with block name (from which year):
 - List of selected villages given in abstracts selected from different blocks
 - Adopted Villages – Three Panchayat Villages on which KVK established i.e. Akbarpur, Tepla & Phulel Majra alongwith one other (Sapeda Village).
- ii. No. of farm families selected per village :
- iii. No. of survey/PRA conducted :
- iv. No. of technologies taken to the adopted villages
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- vi. Impact (production, income, employment, area/technological– horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab :

1. Year of establishment : 2009-10 (March, 2010)

2. List of equipments purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	Spectro Photometer	1	88697-00
2	Flame Photometer	1	44300-00
3	PH Meter	1	6940-00
4	Conductivity meter	1	15957-00
5	Physical Balance	1	10406-00
6	Chemical Balance	1	78750-00
7	Water still	1	69620-00
8	Kjeldahl unit	1	43132-00
9	Shaker	1	26438-00
10	Refrigerator	1	21200-00
11	Oven	1	34875-00
12	Hot Plate	1	2250-00
13	Grinder	1	18562-00
14	Chemicals & Glass ware	1	66980-00
15	Mridaparishak (2)	1	81000-00
		1	90300-00

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	Microscope	1	198191-00
2	Hot Air Oven, incubator and autoclave	1	156203-00
3	Kent RO with accessory	1	23400-00
4	Oven	1	7190-00
5	Refrigerator & Camera	1	53200-00
6	Laminar air flow and table desk	1	122496-00
7	Thermo hygrometer and heating mantle	1	2374-00
8	Inverter	1	23600-00
9	Balance	1	53550-00
10	Magnetic stirrer	1	3793-00
11	Equipments	1	48625-00
12	Almirrah	1	17700-00
13	Furniture	1	12375-00
14	Glass & Plastic ware/Chemicals	1	73515-00
15	Light Trap	1	5400-00

(Compiled from APR)

3.12 Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	200	500	5	--
Water	--	--	--	--
Plant	150	150	150	--
Total	350	650	155	

4.0 LINKAGES

4.1 Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
I	Central Govt. & I.C.A.R. Institutes	
	ICAR- ATARI, Zone-II, Jodhpur	Grant-in Aids, Lab, Cluster FLD (Oilseeds & Pulses), ARYA, NARI, Skill based training programmes etc.
	NBAGR Karnal, NDRI Karnal, IIWBR, Karnal, IARI, Karnal & New Delhi	Exposure visits, Training & Projects, Demonstration & Improved Seed, IARI Post office Linkages model
	CSSRI, Karnal & Sugarcane Research Institute, Karnal	Soil Sample Analysis & Guidance and Seed materials
	Horticulture Training Institute, Uchani	Exposure visit of farmers
	CPRI, Modipuram, Meerut	Potato Seed and Exposure Visit
	Central Poultry Dev. Organization, Northern Region, Chandigarh	Sponsored Skill Base Trainings, Improved Poultry Birds, Exposure visit & guidance & Stalls during exhibition & Melas
	DWR, Ghaziabad	Visit at Cluster FLD plots of Mungbean, Farmer interactions and field day
	Metrology Department, Chandigarh	Weather data
II	State Agricultural Universities	
	CCS HAU, Hisar, HSDC, Umri, Kurukshetra Regional Research Station, Kaul (CCSHAU, Hisar)	Foundation & Breeders Seeds for multiplication and demonstrations, planting materials and technical know-how, Breed, Mineral Mixtures for demonstrations, Exposure visits OFT etc.
	Punjab Agricultural University, Ludhiana & Seed Farm Ladowal	Foundation & Breeders Seeds for multiplication and demonstrations, planting materials and technical know-how, Breed, Mineral Mixtures for demonstrations, Exposure visits OFT etc.
	Dr. YPSUHF, Solan, Nauni	Foundation & Breeders Seeds for multiplication and demonstrations, planting materials and technical know-how, Breed, Mineral Mixtures for demonstrations, Exposure visits etc.
	LUVAS, Ambala City	Lecture in Training Programmes, Extension Activities, animal Health Camps, Postmortem of Animals & Diseases diagnosis services
III	Line Departments of Ambala District	
	Agriculture Department Horticulture Department AAE, Fisheries Department KVK (CCSHAU), Ambala City	SAC Member, Exhibition & District Melas, CRM, promotion of technologies among farmers, Knowledge update about schemes & subsidies to farmers through guest lecture during training programmes, diagnostic services
	ASCO (Integrated Watershed Management Project), Naraingarh, ICDS, CDPO Ambala, Govt. Schools & Anganwadi of different blocks	Organizing SHG skill base trainings, Conducting trails & demonstrations, Update information about Govt. Schemes for women & guest lecture, SAC Member, Providing exhibits during Melas & Exhibitions alongwith active participation
	DIC, KVIC, NYK and Govt. Polytechnic	Update information regarding various skill base schemes, Projects, SAC Member, Sponsored skill trainings & Guest lecture
	Gram Panchyat, Tepla, Phulel Majra, Sambhalkha, Khudda, Hamidpur, Akbarpur & other villages	Organizing of Extension activities and active participation in SAC, Training programmes & other activities
	Ambala Engineering College, Mithapur	Exposure Visit at KVK
	Govt. Polytechnic, Ambala City	Sponsored skill base training programme for rural youth: Tailoring & Stitching & Welding, Awareness Camp. & Campaigns and participation in KVK Melas

Sl.No.	Name of organization	Nature of Linkage
	Rajiv Gandhi Govt.College,Saha Govt.School, Sapeda,Khudda,Landa	Crop Residue Management Project
IV	Other Organizations	
	Sugarcane Mill, Shahabad Markanda	Purchase and sale of Seed of Sugarcane, Sale of Sugarcane and Exposure visit of farmers
	HAIC Agro, R&D Centre, Muruthal, Sonipat	Mushroom Spawn & Trainings
	National Seed Corporation, Chandigarh & Umri	Pulses Seed
	NITCON,Chandigarh ,Kalka Kala Niketan, Pedilite Company etc.	Women Empowerment Programmes, Farmers Fair on PMFBY
V	Bankers	
	NABARD, Lead Bank,Cooperative,ICICI	Formation of Kisan Clubs, Update information about new schemes for rural area, SAC Member and Maintenance of Kisan Clubs, PMFBY
	Financial Literacy , Saha & PACS ,Mithapur	PMFBY
VI	Companies	
	Ambala On-line	Web-site updating
	National Fertilizer Limited	Lecture in Training Programmes & Demonstrations
	K. D Seeds, Mathana, Kurukshetra	Processing of seed & Stall and active participation in Extension Activities
	Balwindra Seeds, Ambala Cantt	Purchase of seed, pesticide & equipments and Active participation in Extension Activities
	Farmers clubs & SHGs	Skill & knowledge up-gradation programmes, mass awareness campaigns, CHC
	M/S Dhanuka,Reliance,Gurdev Tractors,New Holland,Eicher,Sonalika CHC,Sapeda, Godrej Agrovvet,Sumo Tumo, Insect Care etc.	Stalls in Kisan Mela (CRM)

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district No Linkage

S. No.	Programme	Nature of linkage
1	--	--
2		

4.3 Give details of programmes under National Horticultural Mission : Skill Trainings

S. No.	Programme	Nature of linkage
1	--	--

4.4 Nature of linkage with National Fisheries Development Board: For Fish Seed from District Department

S. No.	Programme	Nature of linkage
1	--	--

5.0 Utilization of hostel facilities (During Vocational & Sponsored Trainings)

S. No.	Programme	No. of days
1		
	Total	

6.0 Convergence with departments: Good Convergence with Line Departments

7.0 Feedback of the farmers about the technologies demonstrated and assessed :

Reported in APR's & Zonal Workshops of KVKs

8.0 Feedback from the KVK Scientists (Subject wise) to the research

institutions/universities: SAC Proceedings send & reported in Zonal Annual Workshops of KVK's

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
25.10.19	PF	Integated Crop Management in Wheat Crop	4	18	0	18	2	0	2	20
25.5.19	PF	Integated Crop Management in Paddy	4	17	0	17	3	0	3	20
10.10.18	PF	Best Management practices for Oilseed crops	4	15	0	15	5	0	5	20
11.10.18	PF	Best Management practices for Pulse crops	4	18	0	18	2	0	2	20
		Total (4)		68	0	68	12	0	12	80
Horticulture										
10.12.19	PF	Integated Crop Management in Potato	4	13	0	13	2	0	2	15
5.1.20	PF	Integated Crop Management in Onion	4	15	0	15	0	0	0	15
11.3.20	PF	Integated Crop Management in Tomato	4	15	0	15	0	0	0	15
		Total (3)		43	0	43	2	0	2	45
Live Stock Production.										
--	--	--	0	0	0	0	0	0	0	0
		Total (0)		0	0	0	0	0	0	0
Soil Health & Fertility Management										
--	--	--	0	0	0	0	0	0	0	0
		Total (0)		0	0	0	0	0	0	0
Agril. Engg.										
November,2019	PF	Recent technology in In-situ Crop Residue Management	4	16	0	16	4	0	4	20
October,2019	PF	Soil testing based fertilizer application in Rabi crops	4	12	0	12	3	0	3	15
		Total (2)		28	0	28	7	0	7	35
Home Science										
April,2019	PF	Promotion of Nutrition Gardens for family health & sustainable livelihood	4	0	10	10	0	15	15	25
December,2019	PF	Value added products preparation techniques	4	0	10	10	0	15	15	25
		Total (2)		0	20	20	0	30	30	50
Plant Protection										
5.8.19 to 8.8.19	PF	Integated Disease Management in Rice crop	4	15	0	15	5	0	5	20
10.11.19 to 13.11.19	PF	Integragted Insect,Pest & Disease Management in Wheat	4	15	0	15	5	0	5	20
		Total (2)		30	0	30	10	0	10	40
Fishery										
--	--	--	0	0	0	0	0	0	0	0
		Total (0)		0	0	0	0	0	0	0
Agril.Extn.										
	PF	Vermi composting	1	20	0	20	20	0	20	40
	PF	Group Dynamics : Formation & Management of Kisan Club	1	19	0	19	0	0	0	19
		Total (2)		39	0	39	20	0	20	59
		Grand Total (15)		208	20	228	51	30	81	309

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
2.3.2020	PF	Best Management practices for Sugarcane	4	18	0	18	2	0	2	20
		Total (1)		18	0	18	2	0	2	20
Horticulture										
	PF	Integrated Crop Management of Pea	4	15	0	15	0	0	0	15
	PF	Integrated Crop Management of Squash Melon	4	15	0	15	0	0	0	15
		Total (2)		30	0	30	0	0	0	30
Live Stock Production.										
	PF	Good Health & Production Management practices in dairy animals	4	20	0	20	0	0	0	20
	PF	Good Health & Production Management practices in dairy animals	4	20	0	20	0	0	0	20
	PF	Backyard poultry Management	4	30	0	30	0	0	0	30
	PF	Management of Mastitis and Clean milk production practices	4	30	0	30	0	0	0	30
	PF	Ethnoveterinary practices for various disease management in dairy animals	4	20	0	20	0	0	0	20
	PF	Ethnoveterinary practices for various disease management in dairy animals	4	25	0	25	0	0	0	25
	PF	Feed and fodder management practices	4	20	0	20	0	0	0	20
	PF	Feed and fodder management practices	4	25	0	25	0	0	0	25
	PF	Calf rearing & management practices	4	20	0	20	0	0	0	20
		Total (9)		210	0	210	0	0	0	210
Agril. Engg.										
--	--	--	0	0	0	0	0	0	0	0
		Total (0)		0	0	0	0	0	0	0
Home Sc.										
April,2019	PF	Storage loss minimization techniques	4	0	0	0	0	20	20	20
May,2019	PF	Women & child care, personal helath, hygiene & sanitation	4	0	5	5	0	20	20	25
October,19	PF	Drudgery reducing techniques in household activities	4	0	5	5	0	10	10	15
August,2019	PF	Income generating activities for Empowerment of rural women	4	0	10	10	0	25	25	35
		Total (4)		0	20	20	0	75	75	95
Plant Protection										
21.3.20 to 24.3.20	PF	Integrated Pest Management in Sunflower	4	15	0	15	5	0	5	20
5.1.20 to 8.1.20	PF	Integrated Disease Management in Onion	4	15	0	15	5	0	5	20
18.12.19 to 21.12.19	PF	Integrated Pest Management in Mango	4	15	0	15	5	0	5	20
		Total (3)		45	0	45	15	0	15	60
Fisheries										
--	PF	--	0	0	0	0	0	0	0	0
		Total (0)		0	0	0	0	0	0	0

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Soil health										
May,2019	PF	Method of taking Soil sample & importance of its analysis	3	16	0	16	4	0	4	20
June,2019	PF	Soil testing based fertilizer application in Kharif crops	3	12	0	12	3	0	3	15
		Total (2)		28	0	28	7	0	7	35
Agril.Extn.										
	PF	Vermi composting	4	20	0	20	20	0	20	40
	PF	Group Dynamics : Formation & Management of Self Help Groups	4	0	0	0	0	19	19	19
		Total (2)		20	0	20	20	19	39	59
		Off Campus Grand Total (23)		351	20	371	44	94	138	509
		On Campus Grand Total (15)		208	20	228	51	30	81	309
		Grand Total (On & Off Campus) 38		559	40	599	95	124	219	818

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title	Month	Duration (days)	No. of Participants			SC/ST participants			G. Total
					M	F	T	M	F	T	
Field Crops	Seed Production	Seed production of field crops		20	25	0	25	5	0	5	30
Nursery	Nursery Management	Nursery Management of Horticulture crops	Sep., 2019	20	28	0	28	4	0	4	32
Mushroom	Mushroom Production	Mushroom Production	September, 2019	30	25	0	25	15	0	15	40
Bee-keeping	Bee-keeping	Bee-keeping	February, 2020	25	10	0	10	15	0	15	25
Dairy	Dairy farming	Commercial Dairy farming		21	25	0	25	10	0	10	35
				21							
Pig	Pig Farming	Commercial Pig Farming		21	20	0	20	10	0	10	30
				21	20	0	20	10	0	10	30
Poultry	Poultry Farming	Commercial Poultry Farming		21	0	20	10	0	10	10	30
					0	20	10	0	10	10	30
Goat	Goat Farming	Commercial Goat Farming		21	20	0	20	10	0	10	30
Women Empower-ment	Value addition	Value addition (Fruits & Vegetables)	July,19	21	0	14	14	0	15	15	29
	Total (12)				198	54	232	89	35	124	376

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
August, 19	EF	In-situ Crop Residue Management	1	25	0	25	0	0	0	25
	EF	Integrated Nutrient Management	1	25	0	25	0	0	0	25
	EF	Advanced nutritional & management practices in Livestock	1	25	0	25	0	0	0	25
	EF	Doubling Farmers Income through Integrated Farming System	1	25	0	25	0	0	0	25
	Total (4)		4	100	0	100	0	0	0	100

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
			Total								
b) Sponsored research programme											
			Total								
c) Any special programmes											
			Total								