Krishi Vigyan Kendra Ambala

ANNUAL PROGRESS REPORT (2018 -19)

SOCIETY FOR CREATION OF HEAVEN ON EARTH

Krishi Vigyan Kendra, Village: Tepla, Post: Saha
District: Ambala – 133 104 (Haryana)
Ph. No. 0171 - 2822522

KRISHI VIGYAN KENDRA,AMBALA

ANNUAL REPORT (April-2018-March-2019)

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KRISHI VIGYAN KENDRA,AMBALA

ANNUAL REPORT (April-2018-March-2019)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	30	1008	223	1231
Rural youths	9	131	137	268
Extension functionaries	2	65	27	92
Sponsored Training				
Vocational Training				
Total	**41**	**1204**	**385**	**1589**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
1.Oilseeds (Torial & Mustard)	150	60	--
2.Pulses (Lentil,Chickpea & Mungbean)	250	100	--
3.Other crops			
1.Cereals (Wheat & Paddy)	72	28.8	--
2(i) Vegetables (Potato,Onion,Coriander,Tomato)	61	20	--
(ii) Fruits (Mango)	10	4	--
3. Commercial (Sugarcane)	10	4	--
4. Fodder crops (Berseem)	19	2	--
Total	**572**	**218.8**	--
5.Livestock & Fisheries (Poultry)	32	0	160 No.
Other enterprises			
6.Women Empowerment (Kitchen garden & life skill)	83	0	Kitchen garden seed
7.Farm Machinery (Zero tillage & M.B.Plough)	20	8	--
Total	**135**	**8**	**160 No.**
Grand Total	**707**	**226.8**	**160 No.**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	6	61	61
Livestock	1	16	16
Various enterprises	0	0	0
Total			
Technology Refined			
Crops	--	--	--
Livestock	--	--	--
Various enterprises	--	--	--
Total	--	--	--
Grand Total	**7**	**77**	**77**

No.of trials is no. of replication in different location (6X3 =18) & enterprises in others.

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	780	44855
Other extension activities	89	--
Total	869	44855

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Live-stock	Wea-ther	Mark e-ting	Aware -ness	Other enterprise	Total
Krishi Vigyan Kendra, Ambala	Text only	36	7	0	0	27	15	85
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	36	7	0	0	27	15	85
	Total farmers Benefitted	--	--	--	--	--	--	**37385**

Same farmers are benefited: Crop, Livestock, Weather, Awareness etc./No.of farmers are same for all type of messages

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	171.16 qtl.	527860.00
Planting material (No.)	1668 No.	28960.00
Bio-Products (kg)	4750 kg.	14250.00
Livestock Production (No.)	1098 No.	377485.00
Fishery production (No.)	--	--

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil (Nos.)	543	0
Water (Nos.)	0	0
Plant (Nos.	6	0
Total	**546**	**0**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	9
2	Conferences	3
3	Meetings	7
4	Trainings for KVK officials	5
5	Visits of KVK officials	1
6	Book published	0
7	Training Manual	1
8	Book chapters	0
9	Research papers & Abstracts	5
10	Lead papers	0
11	Seminar papers	0
12	Extension folder	0
13	Proceedings	1
14	Award & recognition	3
15	On going research projects	1. CFLD on Pulse crops (NFSM) 2. CFLD on Oilseed crops (NFSM) 3. Wheat FLD (IIWBR) 4. In-situ Crop Residue Management (Zone-II) 5. ARYA (Zone-II) 6. CSISA (Zone-II) 7. Ex-Situ (IARI) 8. NARI (Zone-II) 9. IARI Post Office Linkages Model 10. Janta Water Filter (DC Office) 11. Soil Health Card Scheme 12. Skill training (ASCI) 13. NABARD(Kisan Clubs & SHG) 14. NIFTEM

KRISHI VIGYAN KENDRA,AMBALA
DETAIL REPORT OF APR-2018-19

1. GENERAL INFORMATION ABOUT THE KVK

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

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

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

Address	Telephone		E mail
	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	0171-2822522	bakshi.akhil@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. (Mrs.) Upasana Singh	0171-2546204	8295406560	upasanasinghrathee@gmail.com

1.4. Year of sanction: 1995

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)+ Grade Pay	Present basic +G.P. (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/	Mobile No.	Age	Email id
1	Senior Scientist & Head	Dr. (Mrs.) Upasana Singh	Senior Scientist & Head	Home Science	Rs.37400-67000 G.P.10000	59950	04.08.08	Permanent	Gen.	8295406560	44 yrs.	upasanasinghrathee@gmail.com
2	Subject Matter Specialist	Sh. Ramesh Kumar	SMS(Agrilcultural Extension)	Agricultural Extension	Rs.15600-39100 G.P.6600	30500	14.08.08	Permanent	Gen.	9017975976	45 ½ yrs.	rameshjhorar@rediffmail.com
3	Subject Matter Specialist	Er. Guru Prem	SMS (Soil & Water Management)	Soil & Water Mgt.	Rs.15600-39100 G.P.6600	29610	28.11.09	Permanent	Gen.	9416355892	39 ½	gpgrover79@gmail.com
4	Subject Matter Specialist	Sh.Vikram Dhirendra Singh	SMS (Plant Protection)	Plant Protection	Rs.15600-39100 G.P.5400 (Study Leave)	23640	12.06.14	Permanent	Gen.	8950235630	35 ½ yrs.	vdskvkambala@gmail.com
5	Subject Matter Specialist	Dr.Amit Kumar	SMS (Horticulture)	Horticulture	Rs.15600-39100 G.P.5400	22950	12.08.15	Permanent	Gen.	9991567854	33 yrs.	amitbaliyan2009@gmail. com
6	Subject Matter Specialist	Sh.Rajendra Kumar Singh	SMS(Agronomy)	Agronomy	Rs.15600-39100 G.P.5400	21000	11.9.18	Permanent	Gen.	8948490351	31 yrs.10 months	rajanmpsingh@gmail.com
7	Subject Matter Specialist	Dr.Naveen Saini	SMS (Animal Science)	Animal Science	Rs.15600-39100 G.P.5400	21000	26.9.18	Permanent	Gen.	8387051484	34 ½ yrs.	naveensaini709@gmail.com
8	Programme Assistant	Sh.Dhirendra Singh	Programme Assistant (Plant Protection)	Plant Protection	Rs.35000/-(Consolidated)	Fixed	28.9.18	Temp-orary	Gen.	8795540755	32 yrs.1 ½ months	dhirendrasingh393@gmail.com

9	Computer Programmer	Mrs. Meera Sharma	Computer Programmer	Computer	Rs.9300-34800 G.P.4600	19910	01.04.08	Permanent	Gen.	9467677662	50 ½ yrs.	meerasharma1968@gmail. com
10	Farm Manager	Sh. Abhay Kumar	Farm Manager	Agriculture	Rs.9300-34800 G.P.4600	28550	08.12.97	Permanent	Gen.	9416113081	45½ yrs.	abhay9416113081@gmail. com
11	Accountant/ Superin-tendent	Sh. K. N. Chaudhary	Office Superintendent-cum-Accountant	Accounts	Rs.9300-34800 G.P.4600	30260	19.08.02	Permanent	Gen.	9416470767	64 ¼ yrs.	knchaudhary09@gmail.com
12	Steno-grapher	Sh. Charanjeet Singh	Steno	--	Rs.5200-20200 G.P.2800	12630	16.02.12	Permanent	Gen.	8684070786	34 yrs.	--
13	Driver	Sh. Shyam Lal	Driver-cum-Mechanic	Jeep	Rs.5200-20200 G.P.2400	10860	16.02.12	Permanent	SC	9466331139	56 yrs.	--
14	Driver	Sh. Baldev Singh	Driver-cum-Mechanic	Tractor	Rs.5200-20200 G.P.2400	12240	01.04.08	Permanent	Gen.	9468339196	58 ½ yrs.	--
15	Supporting staff	Sh. Raman Kumar	Supporting Staff	--	Rs.4440-7440 G.P. 1800	11430	27.05.96	Permanent	Gen.	9416847720	50 ½ yrs.	--
16	Supporting staff	Sh. Karamjit Singh	Supporting Staff	--	Rs.4440-7440 G.P. 1800	10900	12.08.02	Permanent	SC	8901188631	40 ½ yrs.	--

*Sh.Vikram Dhirendra Singh, SMS (Plant Protection) is on Study leave w.e.f.14.3.2018.

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.	Orchard/Agro-forestry	4.0
	Others (specify)	
5.	Farm Roads & Drainage	1.0
6.	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 Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1997-98	662.67	17.83	--	--	--
2.	Farmers Hostel	ICAR	1997-98	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	Fencing	ICAR	1997-98	254.40	2.38	--	--	--
6	Rain Water harvesting system	--	--	--	--	--	--	--
7	Threshing floor	--	--	--	--	--	--	--
8	Farm godown(Seed Store)	ICAR	1997-98	300 sq.m	3.0	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	March,2017	5,98,292.00	780 hrs	Good
Jeep	March,2017	6,71,361.00	36770 km	Good
Motor cycles(2)	2009-10 2009-10	Both Motor cycles were provided by Society for Extension work	57801 km. 13592 km. (New meter)	V.Poor |V.Poor

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
I. Agricultural Machinery / Implements			
Tractor	2016-17	598291	Good
Trolly	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	V.Poor
Cultivator 11 tine for Rice-Wheat	2011-12	17000	V.Poor
Cultivator/Weeder for Sugarcane weeding	2011-12	13800	Poor
Trench Digger	2010-11	19800	V.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
HP Laptop	2018-19	32000	Good
HP Printer	2018-19	12500	Good
HP Desktop with LED	2018-19	21000	Good
Hard disk (1 TB)	2018-19	3800	Good
B. Lab Equipment			
Mridaparishak (1)	2016-17	90300	Good
Mridaparishak (1)	2015-16	81000	Satisfied
Spectro Photmeter	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

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
C.Basic Plant Health Diagnostic Facility /Lab			
Microscope	2009-10	198191	Satisfied
Hot Air Oven Incubator and autoclave	2009-10	156203	Poor
Kent RO with accessory	2009-10	23400	Satisfied
Oven	2009-10	7190	Satisfied
Refrigerator Camera	2009-10	53200	Satisfied 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
Office Chairs (10)	2018-19	27730	Good
Office Table	2018-19	4848	Good
Cup Board	2018-19	10148	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
Inverter with 2 Batteries	2018-19	21600	Good
Spilit AC Hitachi with Stablizer	2018-19	42800	Good
Almira Godrej	2018-19	19000	Good
Brooders	2018-19	6372	Good
Rehri	2018-19	8800	Good
III. IFS			
Solar Lights	2016-17	97600	Good

1.8. A). Details SAC meeting* conducted in the year (7.9.18)

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	**7.9.2018**	Sh.Akhil Bakshi, President Society for Creation of Heaven on Earth	--	--
2.		Dr.M.S.Meena, Principal Scientist (Agril.Extn.),ICAR-ATARI,Zone-II,Jodhpur	1. Impact of selected technologies demonstrated by KVK should be presented i.e. Increase in area, contribution in district economy due to KVK plays important role to increase the Country economy. The data may be published in documentary and also submit to ATARI,Jodhpur. 2. Livestock activity Calendar may be prepared and submitted at the earliest. 3. KVK produce (Production units) may be sent to ATARI,Jodhpur for updation on Web-site of ATARI for sale purposes. 4. All information i.e. variety name, release year, potential & district yield may be shown in all the presentations. 5. The old varieties (10 years old) not to be included in FLDs/OFTs. 6. Feed-back on Front line demonstration in slides may be presented i.e. production of old & new varieties. 7. The data may be recorded on the harvesting time of crop of one or two best plot of FLD and data on branches /pods /yield /disease etc. should be recorded at the place. 8. The soil analyses under FLDs may be presented. 9. The increase in yield below 10% should not be taken in FLD .	1.Following directions : a)Data published in NAAS rated journals b) Videos of Success stories submitted to ATARI on dated 19th March,2019 (Mushroom Farmer,Poultry) & CRM on 14th Feb.2019 2.Livestock activity calender prepared & started at KVK Demonstrated Unit (Attached in Annexure) 3.Following directions :Excess amount of KVK produce reported to ATARI,Jodhpur vide Ref.No.KVK/Seed/2018/858 dated 18th June,2018 for making updates on ATARI website. 4.Presenting detailed information of technology viz. variety name,release year, potential yield etc. during Zonal Workshop. 5.Not included 10 years old varieties 6.Started presenting feed backs in Zonal workshop. 7.Will follow the directions during this year. 8.Will present soil analyses details this year onwards. 9.Will follow the directions

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
			10. The area should be increased (above 4.0 ha) in FLD of RCT/Popular varieties.	10.Area had been increased from 4 ha to 100 ha in RCT's under CRM
			11. Timely seed procured from Sources (CFLD/ FLD/ OFT) and non availability of seed may be timely reported to ATARI, Jodhpur for needful arrangements.	11.Timely procurement of seeds under CFLD's,OFT's & FLD's.
			12. The proven technologies may be taken in FLD's instead of On Farm Trials in Home Science. Kitchen gardens FLDs may be increased and OFTs may be skipped.	12. Kitchen garden FLD's increased in Home Science
			13. Practising farmers training should be 3-4 days and numbers may be five nos. & rural youth may be one for each discipline for 21 days.	13.Organising trainings as per directions
			14. Health camp may be organised for farm women (10-20 farm women).	14.Measles & Rubella disease cure,vaccination and awareness Camps organised with Health Department,Aanganwadi Workers etc. at village Bihta on 25th April,2018. Moreover One World Hyper Tension Day also been celebrated by creating awareness on 17th May,2018.
			15. FLD board on Kitchen garden may be fixed with KVK Name, Contact No.,Total Demonstration etc. in villages for extension of KVK activities.	15. Following directions and reporting to Zonal Office during MPR submissions.
			16. Hindi slides may be presented in SAC Meeting for Farmers knowledge.	16.This year will include Hindi slides in SAC Meeting.
			17. Training schedule should be sent to District Horticulture Department for Mushroom training.	17.Mushroom training schedule sent to DHO vide KVK Ref.No. KVK / Trg. / 2018/1176 dated 4th Oct.2018
			18. To invite as Expert of Progressive farmers and give incentives of amount i.e. Rs.1000/- per lecture/ Exposure visit at his farm.	18.Inviting Progressive Farmers during trainings for sharing their experiences and exposure visits.2

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
3.		Dr.Surinder Kumar, Representative/Incharge KVK,Karnal	--	
4.		Dr.Kulbir Singh,ACTO,KVK, NDRI,Karnal	--	
5.		Dr.Girish Nagpal,Deputy Director Agriculture ,Agricultue Department,Ambala	1. KVK played an important role in villages due to door step facility in the area. 2. The best coordination between Agriculture Department & KVK,Ambala for upliftment of the farmers of area . 3. He appealed to NABARD giving the financial assistant to Kisan Club,Sapeda for making purchase of machinery (Baller & Rake etc. for CRM). **4.** He suggested the platform for sale of value added products at Chandigarh.	--
6.		Smt.Vijay Luxmi, Additional Director, DIC,Ambala	-	
7.		Sh.D.K.Garg, District Development Manager,NABARD,Ambala	1. Sale counters will be provided by NABARD to SHG & Kisan Club members, if required. 2. NABARD helps for establishment of Farmer Producer Organisation.	--
8.		Sh.Naresh Singla, Chief Lead District Manager	1. Farmers invited for Loan or any Banking problems to Lead Bank officer. 2. He appealed to farmers for No burning of Crop residue due to bad effect on pollution in nearby states i.e. Delhi as per experience of the year 2017	--
3.		Mrs.Meenu Choudhan, Supervisor,Women & Child Development,Tepla	--	--
4.		Mrs.Sumneet Kaur,Sarpanch,GP	--	

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
		Tepla,Ambala		
5.		Mrs.Debo Rani, Ex.Sarpanch, Akbarpur	--	
6.		Sh.Bhupinder Singh Cheema, Ex.Sarpanch,Tepla	--	--
7.		Dr.Upasana Singh, Member-Secretary ,KVK,Ambala	--	--
8.		Sh.Ramesh Kumar, SMS (Agril.Extn.),KVK,Ambala	--	--
9.		Er.Guru Prem, SMS (SWM),KVK,Ambala	--	--
10		Dr.Amit Kumar, SMS (Horticulture) ,KVK,Ambala	--	--
11		Sh.Abhay Kumar, Farm Manager,KVK,Ambala	--	--
12		Sh.K.N.Chaudhary, O.S.-cum-Acctt.,KVK,Ambala	--	--
13		Mrs.Meera Sharma, Computer Programmer ,KVK,Ambala	--	--
14		Sh.Charanjeet Singh, Steno,KVK,Ambala	--	--
15		Sh.Harwinder Singh, President,Kisan Club,Sapeda	--	--
16		Sh.Sukhminder Singh, CHC,Sapeda	• Sale outlet in KVK for pure Pesticides.	will follow this year
17		Mrs.Maya Devi, Farm Women,Akbarpur	--	--
18		Sh.Gurjeet Singh, Progressive Farmer,Sapeda	--	--
19		Sh.Baljinder Singh, Progressive Farmer,Sapeda	--	--
20		Sh.Manpreet Singh, Progressive Farmer	--	--
21		Sh.Prince Rana, Progressive Farmer,Khudda Kalan	--	
22		Sh.Vijay Pal, Poultry Farmer,Khudda	--	
23		Sh.Ghola Singh, Progressive Farmer,Sapeda	--	
24		Mrs.Urmil Rani, Aanganwari Worker,Phulelmajra	--	

**** SAC proceedings along with list of participants (Attached) Annexure – I***

2. DETAILS OF DISTRICT (2018-19)

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

S. No	Farming system/enterprise
1	Rice-Wheat
2	Rice-Sugarcne-Wheat
3	Rice-Potato-Rabi onion/Maize
4	Wheat-Summer Moong-Rice
5	Dairy Farming, Back-yard Poultry & small scale household enterprises

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

S. No	Agro-climatic Zone	Characteristics
A	Dry-sub Humid Zone of Haryana State	Average Rainfall : 1000 mm/yr.(app.) Ground Water Status – Dark Zone Temperature range - 2^0C – 45^0C Source of Irrigation : Tubewell (96%) & Canal (14%)
B*	Agro ecological situation i) Geographical Area (ha) : 153171 ii) Net Sown Area (ha) : 133424	Area under crops) : 62%, 66% & 8% (Rice,Wheat & Sugarcane) Area under Horticulture Crops : 10-12% Area under Agro-forestry crops : 3.32% area
C.	General Census (2011) No. of Villages : 405 Blocks : 6 Population (Total Persons) : 1136784 Male - 604044 Female- 532740 Literacy Rate : 82.9 % Male - 88.5% Female- 76.6%	

***KVK Latitude** 30^0 18' 20" N 76^0 55' 46" E Mean Sea level = 265 mtr.

2.3 Soil type/s

S.N.	Soil type	Characteristics	Area in ha
1	Sandy loam to Loamy sand		
	South – West part	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)
		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	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)
		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 Shahzad-pur(~39000 ha)
		Very deep moderately well drained fine loamy soil with loamy surface on nearly level plain slightly eroded	60% part of Block Barara & 40 % Block Shahzad-pur(~17200 ha)

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

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
I	**Agronomy Crops (2018-19)**			
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 (2017-18)**			
I	Fruits			
1	Mango	940.8	168	1.78571
2	Guava	368	1520	41.30435
3	Citrus	10	369	369
4	Ber	6	27	45
5	Grapes	0	0	0
6	Aonla	3	187	623.3333
7	Chiku(Sapota)	84.8	22	2.59434
8	Litchi	10	5	5
9	Peach	10.2	0	0
10	Pear	21.8	7	3.21101
11	Plum	4.8	1	2.08333
12	Strawberry	0.8	18	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
	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

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	61.0	21.1	10.5	92	62
March,19	15.3	25.7	13.9	77	49
Total	--	--	--	--	--

(Source : IMD,Chandigarh)

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

Category	Population (No.)	Production	Productivity
Cattle	62,620	39,040 tons	5.8 Lit/D/Animal
Crossbred			
Indigenous			
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	--
Crossbred			
Indigenous			
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
Crossbred			
Indigenous			
Horse pony	1527	--	--
Mules	187	--	--
Donkeys	26	--	--
Dogs	10305	--	--
Rabbits	1,126	--	--
Hens	7,09,110	258038700 Eggs	327300 kg. Chicken
Fish			
Ponds	370.14 ha (Area)	1932.5 ton	5.14 /ha
Notified waters (Rivers etc.)	--	200 ton	--

(Source : Animal Husbandry Department,Ambala (2012)

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

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Barara	Saha	Akbarpur,Allahpur, Bihta, Chudiala, Dhurala, Dubli, Ghasitpur,Gokalgarh, Gola, Goli,Haldari,Harda, Hardi, Hamidpur, Jawahargarh Kalpi,Keshopur,Kesri, Khera, Landha,Langer-chhani Malikpur, Mehmoodpur Mehtabgarh,Mithapur Naraingarh,Nagla Jattan, Nahoni,Paplotha,Pasiala, Phulelmajra,Pilkhani, Sabga, Saha,Sambhalkha, Samlehri, Tamnauli, Tepla, Tobba	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : - Traditional sowing & field preparation techniques -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity 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
				Potato, Onion & other Vegetable & Fruit crops	Low yield in Horti. crops due to: -Poor crop management techniques & unjudicious use of inputs -Old varieties -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 -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	-Unhygienic condition, poor health & nutritional status -Stress & behavioral problems in adolescent girls -Non adoption of fabric waste recycling skill by women tailors	-Women empowerment through knowledge and skill upgradation -Promotion of nutrition gardens for family health & sustainable livelihood -Improved Health, Hygiene & Sanitation -Knowledge upgradation: Life skill education for behaviour & stress management

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
2	Barara	Barara	Adhoya,Barara,Dheen, Duliana,Gheldi,Hemamajra, Holi,Mullana,Sirasgarh, Sadakpur,Sohana,Tangail Panjail	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Traditional sowing & field preparation techniques -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity 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
				Potato, Onion & other Vegetable & Fruit crops	Low yield in Horti. Crops due to: -Poor crop management techniques & unjudicious use of inputs -Old Varieties -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 -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	-Unhygienic condition, poor health &nutritional status	-Women empowerment through knowledge and skill upgradation
3	Ambala cantt	Ambala –II	Ambala Cantt,Bhilpura, Brahanmajra,Kardhan, Khudda, Manglai,Naggal, Ratanheri,Sapeda, Kapoori	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : - Traditional sowing & field preparation techniques -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity 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
				Potato, Onion & other Vegetable & Fruit crops	Low yield in Horti. Crops due to: -Poor crop management techniques & unjudicious use of inputs -Old varieties -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	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					-Low egg production of desi birds -High mortality -Mineral deficiency in goats	knowledge up-gradation
				Women Empowerment	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge and skill upgradation
4	Ambala city	Ambala-I	Ambala City, Bullana,Bhoora Majra Durana, Dukhedi, Fazailpur, Kot katchua, Lakhnoura Sahib,Mardo Sahib, Machhonda Mohra, Naggal, Nagla Nanku Nanyola Panjokhra, Sambhalkhi, Adhomajra	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : - Traditional sowing & field preparation techniques -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity 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
				Potato, Onion & other Vegetable & Fruit crops	Low yield in Horti. Crops due to: -Poor crop management techniques & unjudicious use of inputs -Old varieties -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 -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	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge and skill upgradation
5	Naraingarh	Shahzadpur	Bichpari, Jolly, Kadasan,Kodwa kalan, Kodwa Magarpura,Neknama Panjeto, Patrehri Rachheri, Santokhi,	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : - Traditional sowing & field preparation techniques -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity 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
				Potato, Onion & other Vegetable & Fruit crops	Low yield in Horti. Crops due to: -Poor crop management techniques & unjudicious use of inputs	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					-Old varieties -Poor net return due to sole crops	
				Livestock	-Low fodder yield of old variety -Low milk yield -Anoestrus, Repeat Breeding -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	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge and skill upgradation
6	Naraingarh	Naraingarh	Badagaon Badholi,Badi kodi Bakhtua,Ballopur Barso Majra Gokalgarh Gadauli, Nanhera	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : - Traditional sowing & field preparation techniques -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity 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
				Potato, Onion & other Vegetable & Fruit crops	Low yield in Horti. Crops due to: -Poor crop management techniques & unjudicious use of inputs -Old varieties -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 -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	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge and skill upgradation

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice, Wheat, Sugarcane **Oilseed & Pulses** **& Farm Machinery**	-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,Tomato,Coriander (Vegetable crops) & Mango (Fruit crops)	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout
Livestock	Promotion of : - Improved Poultry Breed (Chabron) -Improved Berseem (Fodder) varieties (BL-10 & BL-42) Management in Dairy animal through knowledge upgradation Self employment
Women Empowerment	-Women empowerment through knowledge skill upgradation -Knowledge upgradation regarding Life skill education for behavioral & stress management -Promotion of Nutrition gardens for family health & sustainable livelihood -Improved Health, Hygiene & Sanitation

3. TECHNICAL ACHIEVEMENTS

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

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
11	7	**60**	77	102.8	226.8	337	707

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achieve-ment	Targets	Achiev e-ment	Targets	Achieve-ment	Targets	Achieve-ment
Farmers	38	30	818	1231	91	869	3219	44855
Rural youth	10	9	250	268				
Extn. Functionaries	5	2	95	92				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement (qtl.)	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
Wheat : .	141.52	109	1000	1668	44
Paddy :	25.14	113			
Potato:					
Lentil : --	4.5	38			

Livestock (No.)			Others		
5			6		
Target	Achievement (No.)	Distributed to no. of farmers	Target	Achievement (qtl.)	Distributed to no. of farmers
Piglets :	130	305500	Vermi Compost :	47.50	KVK farm
Goat Kids:			Mushroom:	43.125	12
Poultry :	480	38325			

Soil & Plants samples		
7		
Target	Achievement (No.)	Number of Farmers
Soil Samples : 200	543	543
Plant Samples : --	6	6

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	--	--	--	--
	--	--	--	--
Varietal Evaluation	Wheat	Evaluation of improved Wheat variety : Unnat PBW-343	11	11
	Wheat	Assessment of Wheat variety :DBW-90	10	10
	Onion	Assessment of Onion variety L-28	10	10
Integrated Pest Management	--	--	--	--
	--	--	--	--
Integrated Crop Management				
	--	--	--	--
Integrated Disease Management	--	--	--	--
	--	--	--	--
Small Scale Income Generation Enterprises	--	--	--	--
	--	--	--	--
Weed Management	Onion	Assessment of different herbicides for Weed Control in Onion	10	10
	--	--	--	--
Resource Conservation Technology				
	--	--	--	--
Farm Machineries	Wheat	*A*ssessment of different sowing methods in In-situ Crop Residue Management in wheat crop	10	10
	Mustard	Evaluation of line sowing of Mustard	10	10

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Farming System	--	--	--	--
	--	--	--	--
Seed / Plant production	--	--	--	--
	--	--	--	--
Post Harvest Technology / Value addition				
	--	--	--	--
Drudgery Reduction	--	--	--	--
	--	--	--	--
Storage Technique	--	--	--	--
	--	--	--	--
Others (Pl. specify)				
	--	--	--	--
Total		**(6)**	**61**	**61**

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management	--	--	--	--
Evaluation of Breeds				
Feed and Fodder management	Fodder	Evaluation of Berseem Variety (BL-42)	16	16
Nutrition Management	--	--	--	--
Production and Management	--	--	--	--
Others (Pl. specify)	--	--	--	--
Total		**(1)**	**16**	**16**

Summary of technologies assessed under various enterprises by KVKs

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

I.C. TECHNOLOGY ASSESSMENT IN DETAIL

1. Varietal Evaluation

1. Evaluation of improved Wheat variety : Unnat PBW-343

Problem definition: ***Low yield of existing varieities***

Cause : ***Lack of awareness about new released varieties***

Technology Assessed : Evaluation of improved Wheat Variety: Unnat PBW-343

Krishi Vigyan Kendra,Ambala conducted varietal evaluation of Wheat using local (WH-1105) T_1 & Unnat PBW-343 (T_2) varieties. The results of the trial indicated that variety of Wheat Unnat PBW-343 (PAU,Ludhiana) earned the maximum net returns (Rs.69269/- yielding 53.15 q/ha with B:C ratio 3.43) followed by T_1 (Rs.61080/- yielding 49.5 q/ha with B:C ratio 3.03) respectively and increase in yield 10%. Farmers were satisfied with the results of Unnat PBW-343 Wheat variety.

Table **Evaluation of improved Wheat variety : Unnat PBW-343**

Technology Option	***No.of trials****	***No. of tillers/m^2***	***Plant height (cm)***	***Yield (q/ha)***	***Cost of cultivation (Rs./ha)***	***Gross Retrun (Rs./ha)***	***Net Returns (Rs./ha)***	***BC***
T_1 – WH-1105 (F.P.)	*12*	*470*	*97*	*49.5*	*30000*	*101080*	*71080*	*3.35*
T_2 – Unnat PBW-343 (PAU) - Rec.		*440*	*100*	*55.0*	*28500*	*111200*	*82700*	*3.90*

**No.of trials are no. of replications.*

2. Assessment of Wheat variety :DBW-90 for Potato growers

Problem definition: ***Low yield due to old varieties***

Cause : ***Lack of awareness about new released varieties for late sowing of wheat***

Technology Assessed : Assessment of Wheat variety :DBW-90

Krishi Vigyan Kendra,Ambala conducted varietal evaluation of Wheat using H.D.2967 (T_1) and DBW-90 (T_2) varieties. The results of the trial indicated that wheat variety DBW-90 earned the maximum net returns (Rs 72788/- yielding 50.70 q/ha with B:C ratio 3.55) followed by T_1 (Rs 64140/- yielding 46.0 q/ha with B:C ratio 3.25) and increase in yield 10.22%. Farmers were satisfied with the results of DBW-90 new Wheat variety.

Table Assessment of Wheat variety :DBW-90

Technology Option	***No.of trials****	***Yield (q/ha)***	***Cost of cultivation (Rs./ha)***	***Gross Return (Rs./ha)***	***Net Returns (Rs./ha)***	***BC Ratio***
T_1 – HD-2967 (F.P.)	*10*	*46.0*	*28580*	*92640*	*64140*	*3.25*
T_2 – DBW-90 (IIWBR) – Ass.		*50.7*	*28500*	*101288*	*72788*	*3.55*

**No.of trials are no. of replications.*

3.Assessment of Onion variety L-28

Problem definition: Low yield & replace of old variety
Cause : Lack of awareness regarding new onion variety and good storage capacity of existing varieties

Technology Assessed : Assessment of Onion variety L-28

Krishi Vigyan Kendra,Ambala assessed variety of Onion (L-28) in Rabi season using two treatments viz; T_1- Kalli Patti Pyaz (Farmer's practice) and T_2 –L-28 (NHRDF,Karnal). The results of the trial indicated that L-28 variety earned the maximum net returns (Rs 194400/- yielding 235.75 q/ha with B:C ratio 3.10) followed by T_1 (Rs 151700/- yielding 195.0 q/ha with B:C ratio 2.85) and increase in yield 20.51%. Farmers were satisfied with the results of L-28 variety of Onion.

***Table* Assessment of Onion variety L-28**

Technology Option	***No.of trials****	**Diameter of Bulb (cm)**	**Weight of Bulb (gm)**	**Yield (qt/ha)**	***Cost of Cultivation (Rs./ha)***	***Net Returns (Rs../ha)***	***BC Ratio***
T_1 – Farmer Practice (Kalli Patti Pyaz) (F.P.)	*10*	4.3	55	195.0	82300	151700	2.85
T_2 – L-28 (NHRDF) – Rec.		5.5	75	235.75	88500	194400	3.10

**No.of trials are no. of replications.*

2. WEED MANAGEMENT

1.Assessment of different herbicides for Weed Control in Onion

Problem definition: *Low yield due to poor weed control*

Cause : *Lack of awareness among the new herbicide*

Technology Assessed : Assessment of different herbicides for Weed Control in Onion

- *Weed management in Rabi Onion was assessed by Krishi Vigyan Kendra,Ambala using herbicides. T_1 -* ***Pendimethalin 3.75 lit./ha (Farmers Practise) and*** *T_2* ***Goal (Oxyfluorfen) 850 gm/ha)*** *. R*esults pointed out that farmers are satisfied using this weedicide in Onion, as it is beneficial (B:C ratio of 2.90) and economic (Rs 167700/ha) due to increase in yield by 12% over control (Yield 190q/ha and B: ratio of 2.75).

***Table :* Assessment of different herbicides for Weed Control in Onion**

Technology Option	***No.of trials****	***Yield (qt./ha)***	***Weed control (%)***	***Cost of Cultivation (Rs./ha)***	***Net Return (Rs./ha)***	***B:C Ratio***
T_1 – Pendimethalin 3.75 lit./ha (F.P.)	*10*	*190*	44.29	82300	145700	2.75
T_2- Goal (Oxyfluorfen) 850 gm/ha (PAU) - Ass.		213.5	86.10	88500	167700	2.90

**No.of trials are no. of replications*

3.FARM MACHINERIES

*1.*Assessment of different sowing methods in In-situ Crop Residue Management in wheat crop

Problem definition: *Poor growth of Wheat due to mulching of whole paddy residue in farmer practice*
Cause : *More stubbles lying on surface resulted high moisture near root zone for long duration.*
Technology Assessed : ***A****ssessment of different sowing methods in In-situ Crop Residue Management in wheat crop*

Krishi Vigyan Kendra, Ambala conducted trial to assess different sowing methods in In-situ Crop Residue Management. We have found wheat sowing with Happy Seeder after paddy harvesting by Super S.M.S.fitted Combine, given 11.50% higher yield due to higher tiller per m^2. The net return was also higher i.e. Rs.87300 in assessd trial than Rs.75220 in farmer practice. Due to less cost of cultivation the BCR was also higher in assessed technology i.e. 4.10 in comparison to 3.50 in farmer practice.

Table : ***A***ssessment of different sowing methods in In-situ Crop Residue Management in wheat crop

Technology Option	***No.of trials****	*Field Capacity (ha/hr)*	***Plant height (cm)***	***Tiller per m^2***	***Grain weight (1000 grain)/gm.***	***Yield (qt./ha)***	**Cost of cultivation (Rs./ha)**	***Gross Return (Rs./ha)***	***Net Return (Rs./ha)***	***B:C Ratio***
T_1 – Harvesting with traditional combine+straw chopper + sowing with Happy Seeder (F.P.)	*10*	0.20	101.40	412	42.35	51.75	30000	105220	75220	3.50
T_2 - Harvesting with Super S.M.S.fitted Combine +sowing with Happy Seeder - Ass.		*0.40*	100.20	428	43.10	57.5	28500	115800	87300	*4.10*

2. Evaluation of line sowing of Mustard

Problem definition: *Low yield in broadcast sowing*
Cause : Unawareness about Line sowing drill for Mustard and difficulties in doing interculturing operation in broadcast sowing
Technology Assessed : *Evaluation of line sowing methods of Mustard (Pusa Mustard-28)*

Krishi Vigyan Kendra, Ambala conducted trial to evaluate the yield of Mustard in line sowing method. The assessed technique of line sowing produced 19 qtl/ha, which is 17% higher than broadcasting i.e. 16 qtl/ha. Thought the cost of cultivation was higher in line sowing, but due to higher yield, the net return and B:C Ratio was also higher in line sowing method.

Table **Evaluation of line sowing of Mustard**

Technology Option	***No.of trials****	Field capacity (ha/hr)	*Yield (q/ha)*	***% increase in yield***	**Cost of cultivation (Rs./ha)**	***Gross Return (Rs./ha)***	***Net Returns (Rs./ha)***	***BC Ratio***
T_1 – Broadcast sowing of Mustard – F.P.	*10*	*0.30*	*16.0*	*17%*	*16950*	67200	50250	3.95
T_2- Line sowing of Mustard with Seed-cum-Fertilizer Drill (PAU) –Recommended		0.45	*19.0*		*18875*	79800	60925	4.20

**No.of trials are no. of replications.*

4. LIVE STOCK ENTERPRISES/ Varietal Evaluation

1.Evaluation of Berseem Variety (BL-42)

Problem definition: *Low yield of old variety*
Cause : Low production/result from old vareities of fodder crop Berseem

Technology Assessed : Evaluation of Berseem Variety (BL-42)

Krishi Vigyan Kendra,Ambala conducted varietal evaluation of Berseem using Mescavi (T_1) as Farmer Practice and BL-42 (PAU) (T_2) varieties.The total 6 nos. of cutting had been successful been completed. The results of the trial indicated that BL-42 variety earned the maximum net returns (Rs 150000/- yielding 900 q/ha with B:C ratio7.2) followed by T_1 (Rs 108000/- yielding 650 q/ha with B:C ratio 7.2) and increase in yield 38%. Farmers were satisfied with the results of BL-42 variety of Berseem.

Table **Evaluation of Berseem Variety (BL-42)**

Technology Option	***No.of trials****	***No.of cuttings***	***Yield (qtl/ha)***	**Cost of cultivation (Rs./ha)**	***Gross Return (Rs./ha)***	***Net Return (Rs./ha)***	***BC Ratio***
T_1 : Mescavi (CCSHAU)- F.P.	*16*	*4*	*650*	*22000*	*150000*	*108000*	*5.9*
T_2 : BL-42 (PAU)- Ass.		*6*	*900*	*25000*	*200000*	*150000*	*7.2*

**No.of trials are no. of replications.*

II. FRONTLINE DEMONSTRATION

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

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

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
1	Oilseed (Toria,Mustard & Sunflower)	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Package & practices • Improved variety of Sunflower(PSH-1962) • Improved variety of Toria (TL-17) • Improved variety of Mustard (Pusa Mustard-21) • IPM of Bihar hairy caterpillar	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Technology week • Samples anaysed Social Media	43	581	231
2	Pulse crops (Chickpea Mungbean & Lentil)	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Package of practices • Improved variety of Chickpea (GNG-1958,CSJ-515) • Recommended variety of Mungbean(MH-421,SML-832) • Improved variety of Lentil(LL-931) • PP measures Pod borer • IPM of Bihar Hairy Cterpillar through Dichlorovas	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Publication & Messages • Messages • Kisan Mela visits • Technology week • Samples anaysed Social Media	61	501	218
3	Rice	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Package & Practices • Improved varieties (HKR-127,PR-121,PPB-3,Pusa -1401,1509 & 1612,PR-124 & PR-114,PB-1121, HKR-128 etc.) • Leaf folder attack (PB-1121) Management • Sheath blight (PB-1121) Management • Bacterial leaf blight Managenet • Management of Alkali soil for yield enhancement • Soil testing based fertilizer application	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Publication & Messages • Messages • Kisan Mela visits • Technology week • Samples anaysed Social Media	87	842	795

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
		• Soil & Water Testing					
4	Wheat	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management • Management of problematic soil & water	• Package & practices • Improved seed (HD-2967,HD-2733, HD-2894, WH-1105,HD-3086,PBW-677,HPBW-01 & WB-2) • Mgt. of Aphid & Yellow Rust • Management of high RSC water for yield enhancement • Soil testing based fertilzier application	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Technology week • Samples anaysed Social Media	94	901	500
5	**Vegetables /Fruits** Potato Tomato Onion Palak Muskmelon	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Seed Treatment • Variety Kufri Khyati & Kufri Pukhraj of potato • Variety of Palak (Pusa Bharti) • Disease Management,Late blight Weed control & Hydrogel application • Management of Leaf curl disease , Purple Blotch & Thrips • Foliar application of Chemical fertilizer	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Publication & Messages • Kisan Mela visits • Samples anaysed Social Media	37	273	142
6	Direct seeded of Rice	RCT/Farm Machinery	-Method of sowing with DSR -Package & practices	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Technology week • Demo. & Soil Samples Social Media	21	256	115.2

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
7	Happy Seeder/Zero tillage in Wheat	RCT/Farm Machinery	Method of sowing with Happy Seeder/Zero tillage & package of practices	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Technology week • Demonstration& Soil Samples Social Media	17	270	116
8	Paired Row Trench Digger in Sugarcane and sub soiler M.B.Plough	RCT/Farm Machinery	-Method of Paired Row Trench Plantation & Package & practices -Different sowing method	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Technology week • Demonstration & Soil Samples	21	266	120
9	Poultry	-Production & management Nutrition Management	Back-yard Poultry :Improved Breed (CARI Nirbheek,Chabro & Vanraja, -Application of Coriander Seed powder -Turmeric Powder in broiler ration	• OFT, FLD & FAS • Trainings & Lectures • Publication & Messages • Exposure visits • Technology week • Exhibition • Social Media	29	310	3244 Birds
10	Dairy	-Disease Management -Production & Management	-Prevention of mastitis in dairy animals -Mineral mixture supplementation	• OFT, FLD & FAS • Trainings & Lectures • Exposure visits • Publication & Messages • Technology week Social Media	12	110	150 anim als

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
11	Pigs	-Evaluation of breed -Feed & Fodder Management	- Breed Large White York Shire -Replacement of 50% feed with sugarcane press mud (Maili)	• OFT, FLD & FAS • Trainings & Lectures • Publication & Messages • Exposure visits • Technology week • Exhibition Social Media	23	196	617 Animals
12	Fodder	Feed & Fodder Management	-Improved variety of Maize (J-1006) Berseem (BL-42 & BL-10)	• OFT,FLD & FAS • OFT & FLD • Trainings & Lectures • Field Day • Publication & Messages • Technology week Social Media	16	107	48
13	Women Empower-ment	1.Household food security by kitchen gardening 2.Women & Child Health Care	-Seed of improved variety -Terrace gardening -Kitchen gardening -Water purification techniques for family health	Promotion of technologies through • Various extension approach • Awareness programmes, Trainings,Demonstrations • Print Media & Social Media	30	412	--

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

I. 1. FLD on Oilseed Crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Toria	Integrated Crop Management	-Improved variety of Toria (TL-17) -Crop production techniques	Rabi 2018-19	30	30	4	71	75	--
2	Mustard	Integrated Crop Management	-Improved variety of Mustard (PM-28) -Crop production techniques	Rabi 2018-19	30	30	2	73	75	

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Toria	Rabi 2018-19	Irrigated	Silt loam	120	18.70	190	Paddy	16-23Oct.18	17-24 Jan.19	117	18
2.Mustard	Rabi 2018-19	Irrigated	Silt loam	115	15.30	175	Paddy	18-24 Oct.18	14-23 Feb.19	117	18

3. (A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
1.Toria	The demonstrated variety of Toria (TL-17) gave higher yield than Local TL-15. The reasons were new release variety better crop management, nutrient management and plant protection measures in the demonstrated plots.
2.Mustard	The demonstration of CFLD Oilseed crop Mustard variety PM-28 & performed better as compare to RH-819 which variety used by farmers. Demonstrated variety having short duration also.

3. (B) Farmers' reactions on specific technologies

S. No	Feed Back
1.Toria	Farmers were happy with the higher yield of Toria in demonstrted plots.
2.Mustard	Farmers were happy with PM-28 variety due to short duration and higher yield

Extension and Training activities under FLD

I. Oilseed crops

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	2		87	
	➢ Mustard /Toria (Paplotha) ➢ Mustard /Toria (Sapeda)	2	16-2-2019 13-3-2019	52 35	--
2	Farmers Training	1		65	--
	➢ Integrated Crop Management in Oilseed crops	1	16-18 Oct.,2018	65	--
3	Media coverage				--
	➢ KVK Tepla-Ambala dwara tilhani fasal sarson evm toria par prakshetr diwas ka aayojan (Krishak aaradhna)	1	18-24 Feb.,2018	--	--

II. 1.FLD on Pulse Crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Lentil	Varietal Evaluation	Improved variety of Lentil (LL-931)	Rabi 2018-19	20	20	4	46	50	--
2	Chickpea	Integrated Crop Management	-Improved variety of Chickpea (GNG-1958) & crop production techniques	Rabi 2018-19	30	30	3	72	75	--
3	Mungbean	Integrated Crop Management	Improved variety of Mungbean M.H.421) & crop production techniques	Summer-2019	50	50	7	118	125	--

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Lentil	Rabi 2018-19	Irrigated	Sandy loam	105	18.75	25	Rice	29-10-18	2-4-19	117	18
2.Chickpea	Rabi 2018-19	Irrigated	Sandy loam	120	17.50	190	Rice	8-11-18	8-4-19	117	18
3.Mungbean	Summer-2019	Irrigated	Sandy loam	115	19.80	210	Wheat	15-3-18	--	117	18

3. (A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
1.Lentil	LL-931 variety produced higher yield i.e. its more no. of pods and branches.
2.Chickpea	Demonstrated variety performance better as compare to local because its more branches and pods.
3.Mungbean	R.A.

3. (B) Farmers' reactions on specific technologies

Crop	Feed Back
1.Lentil	Farmers are satisfied with demonstrated technology.
2.Chickpea	Farmers are satisfied with demonstrated technology
3.Mungbean	R.A.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days		--		
	➢ Mungbean	1	19-6-18	25	
2	Farmers Training	1	--	70	
	➢ Crop diversification in Rice-Wheat through pulse crops	1	11-14 March,2019	70	
3	Media coverage	6	--		
	➢ KVK Tepla-Ambala dwara prakshetr diwas ka ayojan (Mungbean) Krishak Aaradhna ➢ KVK Tepla-Ambala dwara dalhani fasal moong par cluster agr pankti pradarshan (Krishak Aaradhna) ➢ Dalhani faslo ke prasar ke liye lagai ja rhi pradarshni (Dainik Bhaskar)	3	25 June-1 July,2018 18-24 March,2019 14 March,2019	--	--

III. FLD on Other Crops

1) 1.Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Rice	Varietal Evaluation	Improved variety of Paddy (PR-126)	Kharif 2018	4	4	0	10	10	--
3	Rice	Soil & Water testing	Balanced fertilizer application in Paddy	Kharif 2018	4	4	0	10	10	--
4	Wheat	Varietal Evaluation	Wheat variety HD-3059	Rabi 2018-19	4	4	0	10	10	--
5	Wheat (IIWBR)	Varietal Evaluation & Farm machinery	Improved variety (HD-3086) & field preparation technologies & method of operation	Rabi 2018-19	4.8	4.8	0	12	12	--
6	Wheat	Integrated Disease Management	Management of Karnal bunt in Wheat through Propiconazole 25 EC @500 ml/ha (PAU)	Rabi 2018-19	4	4	0	10	10	--
7	Wheat	Integrated Disease management	Management of Aphid & Root Rot in Wheat crop	Rabi 2018-19	4	4	0	10	10	--
8	Wheat	Management of problematic Soil & Water	Soil testing based fertilizer application in Wheat	Rabi 2018-19	4	4	0	10	10	--

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Rice (V.E.)	Kharif 2018	Irrigated	Sandly loam	115	15.30	120	Wheat	23 May-20 June,18	23 Sept.-30 Oct,18	650	35
2.Rice (SWT)	Kharif 2018	Irrigated	Loam	120	16.70	115	Wheat	20-6-18	25-10-18	650	35
4.Wheat (V.E.)	Rabi 2018-19	Irrigated	Sandy loam	108	20.10	210	Wheat	12-15 Dec.18	18-20 April,19	117	18
5.Wheat (V.E & F.I.)	Rabi 2018-19	Irrigated	Loamy Sand	115	19.40	205	Paddy	4-7 Nov.18	18-24 April,19	117	18
6.Wheat –IDM (Karnal Bunt)	Rabi 2018-19	Irrigated	Loamy sand	110	17.80	165	Paddy	5-10 Nov.18	10-22 April,19	117	18
7.Wheat – IDM (Aphid & Root Rot)	Rabi 2018-19	Irrigated	Loam	118	18.30	170	Paddy	8-11-18	20-4-19	117	18
8.Wheat - Soil & Water testing	Rabi 2018-19	Irrigated	Sandy	110	15.80	120	Paddy	1-11-18	22-4-19	117	18

3. (A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
1.Rice (V.E.)	Due to less vegitative growth resulting smooth operation of Happy seeder for WHEAT SOWING
2.Rice (SWT)	Soil test based fertilizer application in Paddy resulted in 15% higher yield than in unbalanced fertilizer application in farmer's practice.
4.Wheat (V.E.)	The Recommended variety HD-3059 for late sowing condition performed better than the non-recommended variety
5.Wheat (V.E & F.I.)	HD-3086 variety gave higher yield under ZT than broad cast sowing by Rotavoator. The cost of cultivation was also less under the demonstrated i.e. ZT sowing method.
6.Wheat –IDM (Karnal Bunt)	Recommended dose and timely application of plant protection mesures resulted in its better control of Karnal bunt.
7.Wheat – IDM (Aphid & Root Rot)	The recommended dose of Imidacloprid reduce the infestation of Aphids. Carbendazim and Manzozeb control the root rot and higher yield.
8.Wheat - Soil & Water testing	Before the soil testing yield was very poor and after testing the soil, the recommendation of fertilizer according to Soil Health Card. The yield was increase 12%.

3 (B) Farmers' reactions on specific technologies

Crop	Feed Back
1.Rice (V.E.)	Due to short duration variety very suitable & compatible B/w paddy and potato cultivation & less amount of crop stubbles/residue resulting to good planting of riaze/furrow bed based potato planting.
2.Rice (SWT)	The excessive vegetative growth was not seen in demonstration plots, which is common in farmer's practice due to unbalanced fertilizer application. Therefore crop lodging was not happen and farmers were happy by harvesting higher yield.
4.Wheat (V.E.)	The farmers were happy with higher yield in demonstrated variety.
5.Wheat (V.E & F.I.)	Farmers were highly satisfied with ZT practice.
6.Wheat –IDM (Karnal Bunt)	Farmers were satisfied with the demonstrated technology and they are agree to adopt this technology in future.
7.Wheat – IDM (Aphid & Root Rot)	Farmers were satisfied with the demonstrated technology.
8.Wheat - Soil & Water testing	Farmers reported that balanced fertilizer application result and timely maturity of crop and they were happy by higher yield.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	--	3o	
	➢ Wheat (IIWBR)-Sambhalkha	1	29.3.2018	30	
2	Farmers Training	4		75	
	➢ Package of practices of improved variety of Paddy (PR-126) ➢ Integrated Crop Management in Wheat Crop ➢ Soil testing based fertilizer application in rabi crops ➢ Seed treatment by Fugngicide & pesticides	4	22-24 May,2018 2-5 Nov.2018 26-28 Dec.2018 2-5 Nov.2018	19 14 14 28	
3.	Media coverage				
	➢ Prakshetr diwas ka kiya aayojan on wheat crop (Dainik Bhaskar) ➢ Krishi Vigyan Kendra me manaya Vishv mrida diwas (Dainik Jagran) ➢ Krishi Vigyan Kendra me manaya Vishv mrida diwas (Dainik Bhaskar) ➢ Krishi Vigyan Kendra se mila kisano ko labh (Punjab Kesri) ➢ KVK,Tepla,Ambala Me vishv mirda diwas ka aayojan (Krisak Aaradhna)	5	24.4.2018 6.12.2018 6.12.2018 6.12.2018 10-16 Dec.2018	--	

2) 1. FLD on Vegetable crops (Horticultural Crops)

i. Vegetable Crops

Sl. No	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Coriander	Integrated Crop Management	Integrated Crop Management on Coriander	Rabi 2018-19	4	4	0	10	10	--
2	Tomato	Integrated Crop Management	Integrated Crop Management on Tomato	Kharif 2018	4	4	0	16	16	--
3	Onion	Integrated Crop Management	Integrated Crop Management of Onion intercropped with Sugarcane	Rabi 2018-19	4	4	0	10	10	--
3	Potato	Integrated Crop Management	Integrated Crop Management on Potato	Rabi 2018-19	4	4	0	10	10	--
4	Potato	Integrated Disease Management	Management of late blight in Potato	Rabi 2018-19	4	4	0	15	15	--

2.Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Coriander	Rabi 2018-19	Irrigated	Loam	123	18.50	190	Paddy/Bottle gourd	2-10-18 to 10-10-18	25-11-18 to 5-12-18	--	--
2.Tomato	Kharif 2018	Irrigated	Loam	105	16.30	200	Chari/Wheat	20-6-18 to 15-7-18	5-1-19 to 25-2-19	--	--
3.Onion	Rabi 2018-19	Irrigated	Loam	118	17.40	198	Paddy/Potato	10-1-19 to 20-1-19	R.A.	--	--
4.Potato	Rabi 2018-19	Irrigated	Loam	107	21.50	220	Paddy	20-10-18 to 5-11-18	22-1-19 to 15-2-19	--	
5.Potato (IDM)	Rabi 2018-19	Irrigated	Loam	190	22.40	215	Paddy	15-10-18	20-2-19	--	--

3. (A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
1.Coriander	Coriander variety Hisar Anand produced the higher yield because it's produce the higher number of branches /plant than local variety grown by farmers, which also increase the B:C ratio
2.Tomato	Judicious application of recommended Fungicide (Mancozeb 2 kg/ha) & Insecticide (Cypermethrin -25 EC 375 ml./ha) has good control on disease & insect which increase the yield and B:C Ratio as compare to the un-judicious use of Fungicide & insecticide.
3.Onion	Farmers are satisfied with demonstrated technology.
4.Potato	Timely and application of recommended dose of Fungicide (Mancozeb 1.5 kg/ha) & Herbicide (Pendamethalin5 lit./ha) control the early & late blight of Potato and control the weeds which increase the yield of Potato.
5.Potato (IDM)	Farmers are satisfied with demonstrated technology

3. (B) Farmers' reactions on specific technologies

Crops	Feed Back
1.Coriander	Farmers are satisfied with demonstrated technology.
2.Tomato	Farmers are satisfied with demonstrated technology.
3.Onion	Farmers are satisfied with demonstrated technology.
4.Potato	Farmers are satified with demonstrated technology for control of blight & weeds.
5.Potato (IDM)	Farmers are satisfied with demonstrated technology.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field Day				
	Potato	1	Dec.2018	15	
2	Farmers Training	5	--	90	--
	➢ Balanced fertilizer in vegetable crops ➢ Organic farming of vegetable crops ➢ Crop Management in Tomato ➢ Integrated Crop Management in Potato ➢ Management of early and late blight of Potato	5	22-24 May,2018 19-21 July,2018 2-4 Aug.2018 26-28 Nov.2018 9-12 Jan.2019	19 15 19 10 27	--
3	Media coverage				
	Rabi pyaz ki fasal par prakshetr diwas ka kiya gya aayojan (Dainik Bhaskar)	1	10-5-2018	--	--

ii. 1.Fruit Crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Mango	Integrated Crop Management	Integrated Crop Management in Mango for Mango malformation	Rabi 2018-19	4	4	0	10	10	--

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Mango	Rabi 2018-19	Irrigated	Loam	130	15.10	130	Orchard	--	--	--	--

3.(A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
1.Mango	R.A.

3. (B) Farmers' reactions on specific technologies

Crop	Feed Back
1.Mango	R.A.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Farmers Training				
	➢				

3. 1.FLD on Commercial crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Sugarcane	Management of problematic Soil & Water	Soil testing based fertilizer application in Sugarcane (Co-238)	Spring 2018	4.0	4.0	0	10	10	--

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Sugarcane	Spring-18	Irrigated	Silt loam	146	15.40	110	Toria	25-2-2018	15.3.19		

3. (A) Technical Feedback on the demonstrated technologies

Crops	Feed Back
Sugarcane	Due to Soil based tested Fertilizer Application in Sugarcane, the cane length, cane diameter & cane weight was higher in demonstration plots i.e. 208 cm, 2.65 cm & 895 gm than 198 cm, 2.50 cm & 87 gm. in farmer practice. Therefore the yield was 13% higher , net returns & BCR was also higher respectively i.e. 240300 & 3.70 than 20400 & 3.40 in farmer practice.

3. (B) Farmers' reactions on specific technologies

Crops	Feed Back
Sugarcane	The farmers were happy by knowing the benefits of soil test based fertilizer application in Sugarcane

Extension and Training activities under FLD

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

4. 1. Fodder crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Berseem	Varietal Evaluation	Berseem variety BL-10	Rabi 2018-19	4.0	2.0	1	18	19	--

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Berseem	Rabi-2018-19	Irrigated	Sandy loam	115	18.10	175	Paddy	20-30 Oct..18	Ist Harvesting Last week Nov. to Ist Week Dec.18	--	--

3(A) Technical Feedback on the demonstrated technologies

Crops	Feed Back
1.Berseem	The results of the demonstration indicated that BL-10 variety earned the more net returns (Rs 149000/- yielding 900 q/ha with B:C ratio 8:1) in compare to Local variety Mascavi (Rs 130000/- yielding 650 q/ha with B:C ratio 7.5:1) and increase in yield 38.46%. Farmers were satisfied with the results of BL-10 variety of Berseem.

3. (B) Farmers' reactions on specific technologies

Crops	Feed Back
1.Berseem	Farmers are satisfied with the results & hence adopting the of demonstrated variety.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days :				
2	Farmers Training :				
	➢ Feed & Fodder production	1	4-6 December,2018	34	--
3	Media Coverage	1			
	➢ Navintam taknik apnakar kamaye munafa (Krishak Aaradhna)	1	10-16 Dec.2018	--	

Performance of Frontline demonstrations

1. Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Toria	Integrated Crop Management	-Improved variety of Toria (TL-17) -Crop production techniques	TL-17	75	30	16.0	12.50	14.16	11.9	18.99	18875	59330	40455	3.2	16950	49861	32911	2.90
Mustard	Integrated Crop Management	-Improved variety of Mustard (PM-28) -Crop production techniques	PM-28	75	30	14.0	20.0	17.10	13.9	23.0	18825	71820	52995	3.8	16925	58380	41455	3.4

2. Frontline demonstration on pulse crops

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Lentil	Varietal Evaluation	Improved variety of Lentil (LL-931)	LL-931	50	20	15	12	13.48	11.5	17.3	16700	60323	43623	3.4	15000	51462	36462	3.4
Chickpea	Integrated Crop Management	-Improved variety of Chickpea (GNG-1958) & crop production techniques	GNG-1958	75	30	20.875	15	19.32	16.5	17	20800	89258	68458	4.3	19000	76230	58230	4.0
Mungbean	Integrated Crop Management	Improved variety of Mungbean M.H.421) & crop production techniques	MH-421	125	50	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.

3. FLD on Other crops

1. Cereals

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Rice	Varietal Evaluation	Improved variety of Paddy (PR-126)	10	4	75	60.5	69.0	62.75	19.52	--	--	37000	122130	85130	3.30	37200	111067	73867	2.98
Rice	Soil & Water testing	Soil testing based fertilizer application in Paddy	10	4	80	74	77	67	15	--	--	37000	136290	99290	3.70	33400	118590	85190	3.50
Wheat	Varietal Evaluation	Wheat variety HD-3059	10	4	43	40.5	46.20	41.5	11.33	--	--	28500	93008	64508	3.3	28500	84360	55860	2.95
Wheat	Varietal Evaluation & Farm machinery	Improved variety (HD-3086) & field preparation technologies	12	4.8	58.75	51.25	57.8	51.8	11.58	--	--	28000	106352	78352	3.8	30000	95128	65128	3.2
Wheat	Integrated Disease Manage-ment	Management of Karnal bunt in Wheat through Propiconazole 25 EC @500 ml/ha (PAU)	10	4	56.0	47.0	52.8	49.0	7.75	Disease severity 5%	Disease severity 8%	33150	107152	74002	3.23	34500	100160	65660	2.90
Wheat	Integrated	Manageme	10	4	53.5	47.0	51.0	46.0	10.86	Disease	Disease	33150	103840	70690	3.15	34500	94640	60140	2.74

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
	Disease manage-ment	nt of Aphid & Root Rot in Wheat crop								severity Root Rot 10% Aphid infestation 11%	severity Root Rot 16% Aphid infestation 21%								
Wheat	Management of proble-matic Soil & Water	Soil testing based fertilizer application in Wheat	10	4	61.25	52.5	57	49	16.50	--	--	32000	114880	84880	3.60	30500	100160	70160	3.20

2. Horticultural Crops

i. Vegetable Crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Corian-der	Varietal Evaluation	Improved variety Hisar Anand & Integrated Crop Management on Coriander	10	4	55	42.5	47.75	42.5	12.35	--	--	45000	71625	26625	1.59	45000	63750	18750	1.41
Tomato	Integrated Crop Management	Integrated Crop Management on Tomato	16	4	400.0	300.0	340.75	295.0	15.50	--	--	60000	272600	212600	4.54	56000	236000	180000	4.21
Onion	Integrated Crop Management	Integrated Crop Management of Onion intercropped with Sugarcane	10	4	O-220 S-925	O-188 S-875	O-206 S-925	O-- S-900	20	Diameter Bulb (cm) 4.55	--	136750	562000	425250	4.10	88000	306000	218000	2.47
Potato	Integrated Crop Management	Integrated Crop Management on Potato	10	4	325.0	187.5	252.5	220.0	14.77	--	--	50000	101000	51000	2.02	48000	88000	40000	1.83
Potato	Integrated Disease Management	Management of late blight in Potato	15	4	**275.0**	237.0	257.1	233	10.34	Disease severity 10%	Disease severity25%	50000	103320	53320	2.06	48000	93200	45200	1.94

ii. Fruit Crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Mango	Integrated Crop Management	Integrated Crop Management in Mango for Mango malformation	10	4	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.

3. Commercial Crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Sugarcane	Management of problematic Soil & Water	Soil testing based fertilizer application in Sugarcane (Co-238)	10	4	1010	938	970	860	13	--	--	89500	329800	240300	3.70	86000	292400	206400	3.40

4. Fodder Crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Fodder Crops																			
Berseem	Feed & Fodder	Berseem variety BL-10	19	2.0	925	775	850	650	30.76	No.cutting 6	No.of cutting 4	22000	170000	148000	7.7	20000	130000	110000	6.5

5. FLD on Livestock

Category	Thematic area	Name of the technology demon-strated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Poultry	Evaluation of Breeds	Demonstration on Chabron Poultry	32	160 birds	-Age at sexual maturity (140 days) -Egg production (no.)	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.

Extension and Training activities under FLD on Livestock

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Farmers Training	2		56	
	➢ Back-yard Poultry ➢ Back-yard Poultry	2	10-15 Oct.2018 29 Mar.-1 April,2019	37 19	
2	Media coverage	3	--	--	--
	➢ Mahila Kisan Diwas par 6 divsiy murgipalan prashikshan ka hua samapan (Dainik Bhaskar) ➢ Murgipalan mahilao ki aarthik samblta me upyogi : Dr.Upasana Singh (Krishak Aaradhna) ➢ Krishi Vigyan Kendra me murgi palan par 6 diwsiy prashikshan ka hua samapan (Dainik Bhaskar)	3	17-10-2018 22-28 Oct.2018 19-3-2019		

6. FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Economics & Feedback
a)Women & Child Care	Life Skill Education for stress management & behavioural problem of adolescent girls	27	a)Technical Observation : Gain in knowledge (%) and Management of stress & behavioral problem (%) b) Farmer reaction: Skill acquisition (Adoption%)	Life skill Educationf or stress management	Gain in knowledge (through feedback response)
b)Kitchen gardening	Kitchen gardening with improved seed & techniques	56	**a)Technical Observation :** Gain in knowledge (%) **b)Farmer reaction :** Skill acquisition (Adoption%) **c)Family Health & nutritional status** (Interview & Visual observation)	Kitchen gardening for improved nutritional status of family	a)100% adoption of technology b) 80% Budget saving (approx.Rs.1800-2400/yr./Unit size -100m^2) c)Improvecd nutritional status & family health

Extension and Training activities under FLD on Women Empowerment

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Training	5	--	201	--
	a) Farm Women :	3			
	➢ Kitchen gardening for Family health & sustainable livelihood		18-21 April,2018	30	
	➢ Women & child care for good health & to reduce under nutrition through behavioral changes		5-6 Sept.2018 12-17 July,2018	86	
	➢ Value Addition (Vegetables & Fruits)			27	
	b) Rural Youth (Vocational)	1			
	➢ Value addition : Fruit & Vegetable preservation		13-24 Dec.2018	31	
	c) Inservice (Extension Functionaries)				
	➢ Life Skill Education for stress management & behavioural problems of adolescent girls	1	15-5-2018	27	Aanganwadi workers & Health Department
2	Media coverage	5	--	--	--
	a) Krishi Vigyan Kender ne di subjia ugane ki jankari (Aaj Samaj) b) Mahila Kisan Diwas Karyakaram ka aayojan (Amar Ujala) c) Tepla me manaya Mahila Kisan Diwas (Dainik Jagran) d) Mahilao ke liye chal rahi yojnao ki di jankari (Dainik Bhaskar) e) Mahila kisan Diwas karyakaram ayoji (Aaj Samaj) f) KVK Tepla-Ambala dwara Rastriy poshan ke that mahilao ko di	7	20-4-2018 16-10-2018 16-10-2018 16-10-2018 16-10-2018 17-23 Sep.2018	--	--

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
	jankari (Krishak Aaradhna) g) Krishi vigyan kendra me mahilao ko poshan ki jankari di (Aaj samaj)		11-9-2018		
3	Extension Activities				
	a) Method Demonstraions i. Post Harvest & Tomato preservation ii. Post Harvest technology & Mango preservation iii. Post harvest technology & Aonla preservation b) Mobile Message i. Kitchen gardening ii. World Hypertension day iii. Balanced diet iv. Measel Rubela v. Balanced diet & deficiency disease vi. Poshan Maah celebration vii. Mother Milk good for child health	3 8	 23-4-2018 16-7-2018 19-12-2018 19 & 21-4-2018 21-4-2018 20-4-2018 20-6-2018 5-9-2018 5-9-2018 5-9-2018	 12 11 31 --	1) Excess quantity of tomatoes received from Kitchen garden 2) Method demos orgnised for preparation of Tomato products i.e.Katchup & Chutney 3) Mango preservation by organising demos of Mango pickle, Mango Chutney, Mango Jam, Panna etc. 4) Post harvest of Aonla by making Murraba, Chutney,Pickle,Squash,Candy

7. FLD on Demonstration details on Crop hybrids (*Details of Hybrid FLDs implemented during 2018-19*)

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

8.FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
M.B.Plough & Sub Soiler	Sugarcane (Co-238) (Spring 2018)	Better field preparation for Sugarcane, by breaking the hard pan and pudrization with M.B.Plough & Sub soiler	10	4.0	Depth of cut for field preparation (cm)	50	25	13	--	--	--	--	--	--	--	--
					Infiltration rate,after harvesting (cm/hr)	0.50	0.45									
					Yield (qtl/ha)	965	855									
					Net Return (Rs./ha)	239600	205700									
					BCR	3.70	3.40									
Zero tillage Seed Drill	Wheat (Rabi 2018-19)	Sowing of Wheat without field preparation by Zero-tillage Seed Drill (H.D2967)	10	4.0	-Field capacity (ha/hr)	0.40	0.10	8	0.90	--	0.20	1.10	2800	1500	300	4600
					-Yield (q/ha)	56.50	52									
					-Net Return (Rs./ha)	85960	72680									
					-BCR	4.10	3.20									

3.(A) Technical Feedback on the demonstrated technologies :

Name of Implement	Feed Back
1.M.B.Plough & Sub Soiler	By Cross sub-soiling at 1.0 meter spacing by breaking hard pan and pulrezation ulsenzation with mould board plough, good tilth was prepared, which help in increases the infilteration rate. The yield was 15% higher in demonstrater technology therefore the gross return, net return and BCR was higher as compared traditional o puddled field preparation techniques.
2.Zero tillage	Zero tillage Seed Drill technology enables the farmers for timely sowing of Wheat without field preparation, after harvesting of Paddy. Due to reduced cost of cultivation & higher yield, the gross return, net return & BCR was higher in Zero tillage sowing than conventional sowing.

3. (B) Farmers' reactions on specific technologies

Name of Implement	Feed Back
1.M.B.Plough & Sub Soiler	Farmers said that in demonstrated technology the yield was high of first crop and ratoon crop was also better in demonstrated technology plots.
2.Zero tillage	Farmers were happy with the higher yield & less cost of cultivation in Zero tillage sowing. They also said, it consumes less irrigation water.

Extension and Training activities under FLD on Farm Machinery

Sl.No.	Activity	No. of activities	Date	Participants	Remarks
1	Field days	1			
	➢ Field Day on Wheat under Crop Residue Management	1	24.2.2019	100	--
2	Farmers Training	3		404	--
	h) In-situ Crop Residue Management by innovative farm machinery	3	27-31 Aug.18 11-14 Sep.18 20-26 Sep.18	23 381	
3	Media coverage	1		--	--
	i) Rasaynik khad kam lagta ha prali khet me milane se (Dainik Jagran) j) Four farmers encourages other to stop burning residues (The Tribune) k) Novel way to deal withc crop residue (The Tribune)	1	22-10-2018 22-10-2018 30-3-2019	--	

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III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	1	70	0	70	0	0	0	70	0	70
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	2	80	0	80	0	0	0	80	0	80
Soil & water conservatioin	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**150**	**0**	**150**	**0**	**0**	**0**	**150**	**0**	**150**
II Horticulture										
a) Vegetable Crops										
Production of low value and high volume crops	1	19	0	19	0	0	0	19	0	19
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	0	2	2	0	17	17	0	19	19
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**2**	**19**	**2**	**21**	**0**	**17**	**17**	**19**	**19**	**38**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	1	10	0	10	0	0	0	10	0	10
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**1**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**3**	**29**	**2**	**31**	**0**	**17**	**17**	**29**	**19**	**48**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	1	13	0	13	2	0	2	15	0	15
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**13**	**0**	**13**	**2**	**0**	**2**	**15**	**0**	**15**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**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	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VI Agril. Engineering										
Farm Machinery and its maintenance	3	359	0	359	70	0	70	429	0	429
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**359**	**0**	**359**	**70**	**0**	**70**	**429**	**0**	**429**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	1	28	0	28	0	0	0	28	0	28

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**28**	**0**	**28**	**0**	**0**	**0**	**28**	**0**	**28**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	1	12	20	32	4	4	8	16	24	40
Group dynamics	1	108	0	108	7	0	7	115	0	115
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**120**	**20**	**140**	**11**	**4**	**15**	**131**	**24**	**155**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**13**	**699**	**22**	**721**	**83**	**21**	**104**	**782**	**43**	**825**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1	19	0	19	0	0	0	19	0	19
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**19**	**0**	**19**	**0**	**0**	**0**	**19**	**0**	**19**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	2	18	0	18	5	6	11	23	6	29
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**2**	**18**	**0**	**18**	**5**	**6**	**11**	**23**	**6**	**29**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**2**	**18**	**0**	**18**	**5**	**6**	**11**	**23**	**6**	**29**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	1	14	0	14	0	0	0	14	0	14
Soil and Water Testing	1	23	0	23	0	0	0	23	0	23
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**37**	**0**	**37**	**0**	**0**	**0**	**37**	**0**	**37**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	0	19	19	0	19	19
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	1	34	0	34	0	0	0	34	0	34
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**34**	**0**	**34**	**0**	**19**	**19**	**34**	**19**	**53**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	30	30	0	30	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	10	10	0	17	17	0	27	27
Women empowerment	1	0	0	0	0	28	28	0	28	28
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	1	0	4	4	0	10	10	0	14	14
Women and child care	1	30	40	70	0	16	16	30	56	86
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**5**	**30**	**54**	**84**	**0**	**101**	**101**	**30**	**155**	**185**
VI Agril. Engineering										
Farm Machinery and its maintenance	3	43	0	43	2	0	2	45	0	45
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**43**	**0**	**43**	**2**	**0**	**2**	**45**	**0**	**45**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	1	27	0	27	0	0	0	27	0	27
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Total	**1**	**27**	**0**	**27**	**0**	**0**	**0**	**27**	**0**	**27**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	11	0	11	0	0	0	11	0	11
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**11**	**0**	**11**	**0**	**0**	**0**	**11**	**0**	**11**
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**17**	**219**	**54**	**273**	**7**	**126**	**133**	**226**	**180**	**406**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	1	70	0	70	0	0	0	70	0	70
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	3	99	0	99	0	0	0	99	0	99
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**4**	**169**	**0**	**169**	**0**	**0**	**0**	**169**	**0**	**169**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	3	37	0	37	5	6	11	42	6	48
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	0	2	2	0	17	17	0	19	19
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**4**	**37**	**2**	**39**	**22**	**23**	**28**	**42**	**25**	**67**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	1	10	0	10	0	0	0	10	0	10
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**1**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
g) Medicinal and Aromatic Plants										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**5**	**47**	**2**	**49**	**22**	**23**	**28**	**52**	**25**	**77**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	1	14	0	14	0	0	0	14	0	14
Soil and Water Testing	2	36	0	36	2	0	2	38	0	38
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**50**	**0**	**50**	**2**	**0**	**2**	**52**	**0**	**52**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	0	19	19	0	19	19
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	1	34	0	34	0	0	0	34	0	34
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**34**	**0**	**34**	**0**	**19**	**19**	**34**	**19**	**53**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	30	30	0	30	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	10	10	0	17	17	0	27	27
Women empowerment	1	0	0	0	0	28	28	0	28	28
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	1	0	4	4	0	10	10	0	14	14
Women and child care	1	30	40	70	0	16	16	30	56	86
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**5**	**30**	**54**	**84**	**0**	**101**	**101**	**30**	**155**	**185**
VI Agril. Engineering										
Farm Machinery and its maintenance	6	402	0	402	72	0	72	474	0	474
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**402**	**0**	**402**	**72**	**0**	**72**	**474**	**0**	**474**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	2	55	0	55	0	0	0	55	0	55
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio	0	0	0	0	0	0	0	0	0	0

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
pesticides										
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**55**	**0**	**55**	**0**	**0**	**0**	**55**	**0**	**55**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	1	12	20	32	4	4	8	16	24	40
Group dynamics	1	108	0	108	7	0	7	115	0	115
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	11	0	11	0	0	0	11	0	11
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**131**	**20**	**151**	**11**	**4**	**15**	**142**	**24**	**166**
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**30**	**918**	**76**	**994**	**90**	**147**	**237**	**1008**	**223**	**1231**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	1	13	1	14	6	0	6	19	1	20
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	1	13	0	13	2	0	2	15	0	15
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	7	7	0	28	28	0	35	35
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	7	7	0	32	32	0	39	39
Rural Crafts	1	0	4	4	0	20	20	0	24	24
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	1	27	0	27	8	0	8	35	0	35
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	1	17	1	18	14	0	14	31	1	32
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	2	30	0	30	1	37	38	31	37	68
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**9**	**100**	**20**	**120**	**31**	**117**	**148**	**131**	**137**	**268**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition										
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts										
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other										
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	1	13	1	14	6	0	6	19	1	20
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	1	13	0	13	2	0	2	15	0	15
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	7	7	0	28	28	0	35	35
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	7	7	0	32	32	0	39	39
Rural Crafts	1	0	4	4	0	20	20	0	24	24
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	1	27	0	27	8	0	8	35	0	35
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	1	17	1	18	14	0	14	31	1	32
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	2	30	0	30	1	37	38	31	37	68
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**9**	**100**	**20**	**120**	**31**	**117**	**148**	**131**	**137**	**268**

Details of trainings organized under ASCI

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Assistant Gardener	1	13	1	14	6	0	6	19	1	20
TOTAL	**1**	**13**	**1**	**14**	**6**	**0**	**6**	**19**	**1**	**20**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management	1	65	0	65	0	0	0	65	0	65
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**1**	**65**	**0**	**65**	**0**	**0**	**0**	**65**	**0**	**65**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	1	0	17	17	0	10	10	0	27	27
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**0**	**17**	**17**	**0**	**10**	**10**	**0**	**27**	**27**

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management	1	65	0	65	0	0	0	65	0	65
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care	1	0	17	17	0	10	10	0	27	27
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**2**	**65**	**17**	**82**	**0**	**10**	**10**	**65**	**27**	**92**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Production and value addition										
Fruit Plants	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Ornamental plants	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Spices crops	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Soil health and fertility management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Production of Inputs at site	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Methods of protective cultivation	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify) Gardener (ASCI,Gurugram)	1	13	1	14	6	0	6	19	1	20
Total	1	13	1	14	6	0	6	19	1	20
Post harvest technology and value addition										
Processing and value addition	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Farm machinery										
Farm machinery, tools and implements	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Livestock and fisheries										
Livestock production and management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Animal Nutrition Management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Animal Disease Management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Fisheries Nutrition	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Fisheries Management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify) Poultry Production & Management (CPDO,Chandigarh)	1	30	0	30	1	0	1	31	0	31
Total	**1**	**30**	**0**	**30**	**1**	**0**	**1**	**31**	**0**	**31**
Home Science										
Household nutritional security	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Economic empowerment of women	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Drudgery reduction of women	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Agricultural Extension										
Capacity Building and Group Dynamics	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**2**	**43**	**1**	**44**	**7**	**0**	**7**	**50**	**1**	**51**

Name of sponsoring agencies involved : ASCI,Gurgaon & CPDO,Chandigarh

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Commercial fruit production	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Commercial vegetable production	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Integrated crop management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Organic farming	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Post harvest technology and value addition										
Value addition	**1**	**0**	**7**	**7**	**0**	**28**	**28**	**0**	**35**	**35**
Others	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**1**	**0**	**7**	**7**	**0**	**28**	**28**	**0**	**35**	**35**
Livestock and fisheries										
Dairy farming	**1**	**27**	**0**	**27**	**8**	**0**	**8**	**35**	**0**	**35**
Composite fish culture	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Sheep and goat rearing	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Piggery	**1**	**17**	**1**	**18**	**14**	**0**	**14**	**31**	**1**	**32**
Poultry farming	**1**	**0**	**0**	**0**	**0**	**37**	**37**	**0**	**37**	**37**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**2**	**44**	**1**	**45**	**22**	**37**	**59**	**66**	**38**	**104**
Income generation activities										
Vermicomposting	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Production of bio-agents, bio-pesticides,	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
bio-fertilizers etc.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Repair and maintenance of farm machinery	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
and implements	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Rural Crafts	**1**	**0**	**4**	**4**	**0**	**20**	**20**	**0**	**24**	**24**
Seed production	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Sericulture	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Mushroom cultivation	**1**	**13**	**0**	**13**	**2**	**0**	**2**	**15**	**0**	**15**
Nursery, grafting etc.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Tailoring, stitching, embroidery, dying etc.	**1**	**0**	**7**	**7**	**0**	**32**	**32**	**0**	**39**	**39**
Agril. para-workers, para-vet training	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**3**	**13**	**11**	**24**	**2**	**52**	**54**	**15**	**63**	**78**
Agricultural Extension										
Capacity building and group dynamics	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Others (pl. specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grand Total	**7**	**57**	**19**	**76**	**24**	**117**	**141**	**81**	**136**	**217**

3) Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	**5437**	**5437**	**66**	**5503**
Diagnostic visits	**481**	**4622**	**66**	**4688**
Field Day	**9**	**332**	**47**	**344**
i.Wheat (23.4.18) Akbarpur	1	25	4	29
ii.Onion intercropped with Sugarcane(7.5.18) Haldari	1	13	3	1
iii.Summer Moongbean (9.6.18) Rachheri	1	18	3	1
iv.Kharif Onion (NHRDF) (19.11.18)Sarsehdi attended	1	40	5	45
v. Potato (Kufri Pukhraj) (19.1.19) Tepla	1	19	3	22
vi.Mustard (16.2.19) Paplotha	1	52	4	56
vii.Mustard (13.3.19) Sapeda	1	35	5	40
viii.Wheat (IIWBR) 29.3.19 Sambhalkha	1	30	5	35
ix. Wheat (CRM) 24.2.19 KVK	1	100	15	115
Group discussions /Scientist & farmers interaction	**15**	**571**	**87**	**658**
i.Farmers meeting with Hon'ble Ch.Birender Singh,Steel Minister (28.5.18) KVK	1	39	18	57
ii.Kitchen garden (28.5.18) KVK	1	10	2	12
iii.Value Addition Training & Opportunity for SHGs with ADC office employees (26.6.18) Ambala City	1	10	3	13
iv.Chopal Charcha recorded by DD Kisan (27.8.18) Sapeda	1	25	2	27
v.Meet with Expert (Sarpanch & NyK team) 23.10.18 Tepla	1	30	5	35
vi.Crop Residue Management (21.10.18) KVK	1	150	6	156
vii.Oilseed & Pulses (17.10.18) KVK	1	85	6	91
viii.Wheat crop (26.11.18) Sapeda	1	20	8	28
ix. Management of Feed & Fodder crops (Nov.18) Chandpura	1	40	5	45
x. CFLD on Oilseed & Pulse crops (12.12.18)	1	22	6	28
xi.Mushroom Production (13.12.18)	1	15	6	21
xii. Ex-situ Project (Feb.19)	1	17	6	23
xiii.Livestock production Parijat Chakra (12.2..19)	1	52	4	56
xiv. Oilseed (13.3.19) Sapeda	1	21	5	26
xv. Pulses (12.3.19) KVK	1	35	5	40
Kisan Ghosthi	**21**	**2358**	**87**	**2445**
i.Crop Residue Management (27.8.18) KVK	1	80	4	84
ii.CRM 1.9.18 (KVK)	1	108	4	112
iii.CRM 11.9.18 (KVK)	1	134	6	140
iv.CRM 19.9.18 (Sapeda)	1	60	8	68
v.Rabi Oilseed (16.10.18) KVK	1	37	5	42
vi.Rabi Pulses (20.10.18) KVK	1	38	5	43
vii.Livestock (29.10.18) Akbarpur	1	16	2	18
viii. Livestock (29.10.18) Phulelmajra	1	24	2	26
ix. Livestock (26.11.18) Sapeda	1	35	1	36
x. Livestock (27.11.18) Phulelmajra	1	25	1	26
xi. Livestock (28.11.18) (Kapoori)	1	27	1	28
xii.Livestock (29.11.18) Hamidpur	1	27	1	28
xiii.Plant protection measures (Nov.18)	1	27	1	28
xiv. CRM (2.11.18)	1	1500	19	1519
xv. Livestock (Dec.18)	1	15	1	16
xvi.Livestock production (Dec.18)	1	15	1	16
xvii.Kisan Diwas (23.12.18)	1	55	17	72
xviii.Crop Residue Management in Potato	1	20	2	22
xix. Poultry (15.3.19) Akbarpur & Sambhalkha	2	95	2	97

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
xx. Kitchen gardening (15.3.19)	1	20	4	24
Film Show	**10**	**234**	**14**	**248**
i.Poshan maah	1	75	8	83
ii.Back-yard Poultry (11.10.18) KVK	1	37	1	38
iii.Mushroom cultivation (5-31 Oct.18)	4	18	1	19
iv. Film Show (Feb.19)	4	104	4	108
Self -help groups	**0**	**0**	**0**	**0**
Kisan Mela	**2**	**2000**	**40**	**2040**
Kisan Mela (Crop Residue Management) 2.11.18 (KVK)	1	1500	19	1519
Kisan Mela (Crop Residue Management) 24.2.19 (KVK	1	500	21	521
Exhibition	**9**	**2291**	**105**	**2896**
i. Farm Machinery (28.5.18)KVK	1	39	18	57
ii. CRM (27.8.18) KVK	1	80	6	86
iii. Crafts :Mahila Diwas (15.10.18) KVK	1	50	3	53
iv. MPUAT,Udaipur (24-26 Oct.18)	1	0	0	500
v. Craft items (Diwali)(2.11.18) KVK	1	715	20	735
vi. Farm Machinery (2.11.18)	1	785	15	800
vii. CRM & Craft & Farm machinery (24.2.19)	1	500	21	521
viii. Craft items (8.2.19)	1	52	10	62
ix. Craft items (NYK) 19.1.19 KVK	1	70	12	82
Scientists' visit to farmers field	**481**	**4622**	**66**	**4688**
Plant/animal health camps (15.12.18)Kurali Animals treated -134 No.	**1**	28	5	2
Farm Science Club	**0**	**0**	**0**	**0**
Ex-trainees Sammelan	**0**	**0**	**0**	**0**
Farmers' seminar/workshop	**0**	**0**	**0**	**0**
Method Demonstrations	**24**	**644**	**64**	**682**
i.Post harvest technology :Tomato preservation (23.4.18) Phulelmajra	1	12	1	13
ii.Direct Seeding Rice Drill (20.6.18) KVK	1	10	3	0
iii.Vermi Compost (26.6.18) Babahedi	1	11	2	0
iv.Post harvest Technology :Mango preservation(16.7.18)Phulelmajra	1	10	1	11
v.Straw Chopper in CRM (14.9.18) Phulelmajra	1	60	6	66
vi.Straw Chopper in CRM (19.9.18) Khudda	1	20	2	22
vii.Method Demo: Candle making (15.10.18)	1	14	5	19
viii.M.B.Plough for Potato cultivation (26.10.18)	1	12	3	15
ix.Feeding /watering & Housing on Poultry unit (11.10.18)	1	37	3	40
x. Straw Chopper (30 ha)	1	31	3	34
xi.Happy Seeder (12 ha)	1	15	3	18
xii.R.M.B.Plough (20 ha)	1	16	3	19
xiii.Z.T.Drill (12 ha)	1	10	3	13
xiv.Seed treatment by fungicide and insecticide practice (18.10.18)	1	25	1	26
xv.M.B.Plough (2.11.18)Haldari	1	100	3	103
xvi.Mushroom casing technique (2.11.18)KVK	1	20	1	21
xvii.Happy Seeder,Czero tillage & Chopper (2.11.18)KVK	1	107	8	115
xviii.Happy Seeder (8.11.18)Sapeda	1	10	1	11
xix. Azolla Unit (Dec.18)	1	15	1	16
xx.Post harvest & Aonla Preservation (19.12.18)	1	20	1	21
xxi.Straw Chopper (Jan.19)	1	10	2	12
xxii.Farm machinery on CRM (26.2.19)	1	29	3	32
xxiii.Azolla (26.2.19)	1	25	3	28
xxiv.Vermi Compost (26.2.19)	1	25	2	27

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Celebration of important days	**7**	**2017**	**43**	**2010**
i.Independence Day (15.8.18) Akbarpur & Phulelmajra	1	100	7	107
ii.Poshan Maah (Sep.18) KVK,Tepla,Bihta,Phulelmajra	1	86	6	92
iii.Mahila Kisan Diwas (15.10.18) KVK & Tepla	1	50	1	1
iv.Technology Week (15-21 Oct.18)KVK	1	1494	12	1506
v.World Soil Day (5.12.18) KVK	1	188	5	193
vi.Kisan Diwas (22 & 23 Dec.18) KVK	1	55	7	62
vii.International Women Day (8.3.19)	1	52	10	62
Special day celebration	**5**	**312**	**22**	**334**
i.World Hypertension Day (7.5.18) Bihta	1	27	3	30
ii.Swami Vivekanand Jayanti under Yuva Saptah (19.1.19)	1	70	12	82
iii.National Productivity Day & Week (12-18 Feb.19)	1	185	6	191
iv.International Day on Women & Girls in Science(11.2.19)	1	30	1	31
v.Children Day (14.11.2018)	1			
Exposure visits	**23**	**471**	**48**	**519**
i. CRM (10.8.18) CCSHAU,Hisar	1	11	2	13
ii. Amargarh Mechanical Works -CRM (29.8.18)Nabha	1	27	1	28
iii. PAU,Ludhiana (20.9.18)	1	23	2	25
iv. ATARI,Ludhiana(8.10.18)	1	4	2	6
v. Mahila Kisan Diwas,NAAS,New Delhi(15.10.18)	1	5	2	7
vi. Mushroom Research Centre,Solan(11.10.18)	1	15	1	16
vii. Mushroom Unit,Samlehri 12.10.18)	1	15	1	16
viii. NIFTEM Team ,Phulelmajra (27.11.18)	1	18	7	25
ix. NIFTEM team visited Haldari(28.11.18)	1	18	2	20
x. NIFTEM team visited Sapeda (28.11.18)	1	18	2	20
xi. NIFTEM team visited Kapoori (28.11.18)	1	18	2	20
xii. Pinjore garden & Mela , Chandigarh (4.12.18)	1	18	1	19
xiii. Integrated Bee-keeping Center (19.12.18) Ramgarh	1	18	2	20
xiv. Agri Livestock Expo & CPDO,Chandigarh(1.12.18)	1	13	1	14
xv. State Livestock Exhibition,Jhajjar (22.12.18)	1	15	1	16
xvi. Rohini nursery,Ambala 918.12.18)	1	16	2	18
xvii. Centre for Vegetable Excellence,Gharonda (19.12.18)	1	16	2	18
xviii. NDRI,Karnal (7.1.19)	1	35	1	36
xix. Global Livestock,Samlehri (Jan.19)	1	26	2	28
xx. Pusa Krishi Vigyan Mela,IARI,New Delhi(5.3.19)	1	75	8	83
xxi. Numberdar Pig Farm, Lohgarh(1.3.19)	1	32	1	33
xxii. CPDO,Chandigarh (15.3.19)	1	31	2	33
xxiii. Farmer Science Interface (3.3.19) Karnal	1	4	1	5
Others (pl. specify)				
SAC Meeting (7.9.18) KVK	**1**	**10**	**22**	**32**
Extension literature distributed (April,17 to March,19)	**46**	**2213**	**105**	**2318**
Lecture delivered (April,17 to March,19)	**86**	**10774**	**365**	**11139**
Role Model in Balika Manch (11.12.18) Shahpur	**1**	**150**	**15**	**165**
Crop cutting Experiment (12.3.19,23.3.19,30.3.19)	**3**	**45**	**2**	**47**
Agricultural Camps/ Pakhwada	**16**	**1500**	**157**	**1657**
i. Awareness Camp : Measles & Rubella Disease (Health Deptt, Aanganwadi & School) Bihta 25.4.18	1	100	27	127
ii. No Burning of Crop Residue (2-17 May,18) Sapeda, Rachhedi,Haldari	1	183	20	203
iii. Soil Compaign (17-18 May,18)Rachhedi	1	23	3	26
iv. Gram Swaraj Abhiyan (14-4-18 to 2-5-18) Phulelmajra,Bihta,Kaserla,Sapeda	1	287	49	336
v. Awareness : World Population Day (11.7.18) Message	1	50	3	53

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
vi. Crop Residue Management (12-19 July,18)	9	180	10	190
vii. In-situ Crop Residue Mgt.(8.8.18)Fatehgarh	1	50	2	52
viii. Flag-up by Hon'ble D.C. (NABARD) (29.8.18)	1	0	15	15
ix. Swachhta Pakhwada (16-31 Dec.18)	1	627	28	655
Kisan Mela (Attended)	**6**	**1298**	**21**	**1319**
i.Attended District level Kisan Mela(DDA) (8.8.18) Shahzadpur	1	1200	3	1203
ii.Attended Kisan Mela,PAU,Ludhiana (Sep.18)	1	23	2	25
iii.Attended Kisan mela, CCSHAU,Hisar (5.10.18)	1	0	2	2
iv.Attended Kisan Mela (DDA) (28.12.18) Khudda	1	0	3	3
v.Pusa Krishi Vigyan Mela,IARI,New Delhi (5.3.19)	1	75	8	83
vi.CCSHAU,Hisar (11-12 March,19)	1	0	3	3
Exposure visits at KVK	**11**	**401**	**25**	**329**
i. NIFTEM Students (27.11.18) KVK	1	18	1	19
ii. Back-yard poultry Unit (15.10.18)	1	37	3	40
iii. Mushroom Unit (15.10.18)	1	15	1	16
iv. Students of Govt.School, Dheen(21.1.19)	1	19	4	23
v. Farmers of Uttrakhand (26.2.19)	1	25	5	20
vi. Non-CRM farmers (24.2.19)	1	112	5	30
vii. Pig,Azolla,Vermi Compost & IFS Unit (Jan.19)	1	44	2	46
viii.Piggery,Poultry,Vermi Compost etc. (March,19)	4	90	2	92
ix.CFLD Farmers (March,19)	1	41	2	43
Live telecast	**3**	**564**	**28**	**792**
i.Live telecast: Intraction between farmers & Hon'ble Prime Minister (26.6.18) KVK	1	35	4	39
ii.Live telecast: Intraction between Hon'ble & SHGs (12.7.18) KVK	1	29	4	33
iii. Live telecast : Inauguration of Kisan Samman Nidhi Yojna (24.2.19) KVK	1	500	20	520
Total	**780**	**42894**	**1500**	**44855**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD) ➢ Visit of Hon'ble Steel Minister Sh.Birender Singh ➢ In-situ Crop Residue Management ➢ Kisan Mela on Crop Residue Management ➢ Live Telecast of Hon'able Prime Minister Speech on Kisan Samman Nidhi Yojna ➢ Cutting of Mustard crop (Cluster FLD on Oilseed) ➢ Back-yard Poultry (Akbarpur) ➢ Mushroom Unit	7
Extension Literature - 1 Manual (Dhan ke Fasal Awshesh Prabandhan hetu machino ka sanchalan)	1
News paper coverage	**73**
Radio Talks /T.V.Talks	**0**
TV Talks (Crop Residue Management) **i**. Progressive Farm Women : Mrs.Sumneet Kaur - 24.8.18 Tepla ii. Crop Residue Management : 27.8.18 KVK iii. Chopal Charcha : 27.8.18 Sapeda iv. Coverage of Demo.unit of KVK : 27.8.18 KVK v. Vad-Vivad by DD Kisan (25.9.18) New Delhi vi. Coverage CRM (9.10.18) Sapeda vii.Coverage Mushroom cultivation(9.10.18)KVK	**7**
Animal health camps (Number of animals treated) Badhauli on 15.12.18 (28 participants)	**1**
Others (pl. specify)	
Total	**88**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke -ting	Aware -ness	Other enterprise	Total
Krishi Vigyan Kendra, Ambala	Text only	36	7	0	0	27	15	85
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	36	7	0	0	27	15	85
	Total farmers Benefitted	--	--	--	--	--	--	**37385**

4) DETAILS OF TECHNOLOGY WEEK CELEBRATIONS 15.10.18 to 21.10.18

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	N.of participants	Related Crop/Livestock technology
Krishi Vigyan Kendra,Ambala (1)	Gosthies	5	182	• Rabi Crops (Oilseed) • Rabi Crops (Pulse Crops) • Women Empowerment on Mahila Kisan Diwas • Crop Residue Management • Livestock Production
	Lectures organised	13	337	• Purpose for celebrating Mahila Kisan Diwas • Sharing views by Progressive Farm Women • Option and opportunities for women in agriculture • Skill training on BYP and Art & Craft Work • Swachh Bharat Kushal Bharat • Line sowing of Oilseed • Soil Testing based fertilizer application • Intenventing of oilseed crops for replacing wheat cultivtion in Rice-wheat croping system • Preparation of Onion Nursery • How to control the Mango Malformation • Cultivation of vegetable in Rabi • Production Technique of Potato Farmers • Mustard as rich oil/fat source for production amangement in dairy animals • Livestock fodder crop • Importance of Dalhani crops in Crop diversification • Seed treatment of Oilseed • Seed Treatment of Pulses
	Exhibition	1	40	Rural Craft
	Film show	2	35	• Mushroom Production & marketing Techniques
	Fair (attended)	1	5	• NAAS Complex New Delhi for participation in Mahila Kisan Diwas
	Farm Visit	3	52	• KVK Farm • Back-yard Poulty Unit • Mushroom Unit
	Diagnostic Practicals	--	--	• --

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	N.of participants	Related Crop/Livestock technology
	Distribution of Literature (No.)	5	244	• Kitchen Garden • Tie & Dye • Saksham Kisan Samridh Bharat • Crop Residue Management • Back-yard Poultry • Mushroom Cultivation
	Distribution of Seed (q)		360	• Lentil (LL-931) • Chickpea (GNG-1958) • Toria (TL-17) • Mustard (PM-28) • Berseem (BL-42) & BL-10 • Onion (L-28) • Kitchen Garden (Vegetable Seed)
	Distribution of Planting materials (No.)	1	1	• Lemon (baramasi)
	Distribution of Livestock specimen (No.)	3	78	• BYP Birds (Chabron) distributed (160 birds)under FLD & sold (152 No.) • Pigs (Large White Yorkshire) sold (28 No.)
	Any other			
	Method Demonstration	5	160	• Candle Making, Decorative items for Dipawali Festival • Straw Chopper • Happy Seeder • R.M.B.Plough • Z.T.Drill
	Total number of farmers visited the technology week	**39**	**1494**	

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy	P.R.121	--	7.26	21780.00	41
		P.B.1121	--	17.88	107280.00	72
	Wheat	H.D.2967 (F)	--	11.15	27875.00	21
		H.D.2967 (C)	--	92.61	231525.00	46
		H.D.3086 (F)	--	16.96	42400.00	19
		H.D.3086 (C)	--	20.80	52000.00	23
Oilseeds	--					
Pulses	Lentil	L.L.931 (C)	--	4.50	45000	38
Commercial crops						
Vegetables						
Flower crops	--					
Spices	--					
Fodder crop seeds	--					
Fiber crops	--					
Forest Species	--					
Others	--					
Fruit crops	--					
Total	--					

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
Fruits	Mango	Dasheri,Langra	--	131	13100.00	22
	Lemon	Baramasi	--	62	1860.00	19
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species	Poplar	G-48		1475	14000	3
Others						
Total						

Nutrition Garden/Kitchen Garden

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Seasonal Vegetables	--	--	--	--	69780	12

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers	--	--	--	--
Bio-pesticide	--	--	--	--
Bio-fungicide	--	--	--	--
Bio Agents	--	--	--	--
Others				
	Vermi compost	4750	14250.00	Used at KVK Farm
	Mushroom	43.125	3450.00	12
Total	--			

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	--	--	--	--
Buffaloes	--	--	--	--
Calves	--	--	--	--
Others (Pl. specify)	--	--	--	--
Poultry				
Broilers	--	--	--	--
Layers	--	--	--	--
Duals (broiler and layer)	--	--	--	--
Japanese Quail	--	--	--	--
Turkey	--	--	--	--
Emu	--	--	--	--
Ducks	--	--	--	--
Others (Chicks)	Chhabro	480	38325.00	40
Piggery				
Piglet	Large White Yorkshire	130	305500.00	7
Others (Pl.specify)Pigs				
Fisheries				
Indian carp	--			
Exotic carp	--			
Others (Pl. specify)	--			
Total	--			

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	**543**	**543**	**26**	**0**	**540**
Water	**0**	**0**	**0**	**0**	**0**
Plant	**6**	**6**	**3**	**0**	**0**
Manure	**0**	**0**	**0**	**0**	**0**
Others	**0**	**0**	**0**	**0**	**0**
Total	**549**	**549**	**29**	**0**	**0**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
Krishi Vigyan Kendra,Ambala	7.9.2018	30

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
Krishi Vigyan Patrika January,2017 to June,2018	500

X. PUBLICATIONS

Category	Number
i. Research Paper i. Front Line Demonstration on Management of Alkali Water through Gypsum in Ambala (An Asisan Journal of Soil Science) Page-4-6 ,vol.13,Dec.18 (Guru Prem,Amit Kumar,Ramesh Kumar & Upasana Singh)	1
ii. Abstract : i. Front Line demonstrations on management of Alkali water through gypsum (Poster presentation) Accepted in Sym 2019 (CCSHAU,Hisar) ii. Effect of planting methods on cane yield, water productivity and economics of spring planted sugarcane in Ambala (Haryana) Accepted in Sym 2019 (CCSHAU,Hisar) iii. Technology Gap Analysis :Effect of PGR on Yield of Muskmelon in Ambala (Hayana) Poster accepted in SYM 2019 (CCSHAU,Hisar) iv. Improved Back-yard Poultry Empowering Women of BPL families in Ambala district of Ambala : National Syposium at NBAGR ,Karnal (7-8 Feb.2019)	4
iii. Popular Articles : i. Wheat sown without burning sugarcane residue in Ambala (English Tribune)2.4.18 (Er.Guru Prem,SMS (SWM) ii. Machino dwara parali ka prabandhan (August,18)	2
iv. Technical bulletins (Krishi Vigyan Patrika) Half Yearly Patrika (KVK Team)	1
v.Technical reports i. MPR (April,18 to March,19) ii. Swachh Bharat Mission (April,18 to March,19) iii. MPR (Soil Samples) (April,18 to March,19) iv. Cashless Transaction (April,18 to March,19) v. NMOOPs & NFSM (Expenditure) (April,18 to March,19) vi. Field Visit CFLD plots (April,18 to March,19) vii. Weather Report (April,18 to March,19) viii. Doubling Farmers Income (Sep.t18) ix. Doubling Farmers Income (March,19) x. Consolidated Report on Crop Residue Management (Sep.18)	32

Category	Number
xi. Progress report of IEC (CRM)Oct.18 xii. Neem Coated Urea xiii. Impact (Five year Training programmes) xiv. Lok Sabha Question (3) xv. DARE Report (CRM) xvi. Cluster FLD on Mungbean xvii. Cluster FLD on Chickpea xviii. Cluster FLD on Lentil xix. Cluster FLD on Mustard xx. Wheat FLD (IIWBR) xxi. Wheat Expert Elicitation Technology (IIWBR) xxii. National Productivity Day and Week (12-18 Feb.19) xxiii. Swachhta Pakhwada xxiv. Mahila kisan Diwas (15 Oct.,18) xxv. World Soil Day (5 Dec.18) xxvi. Kisan Diwas (23 Dec.18) xxvii. International Women Day (March,19) xviii. Annual Progress Report (2017-18) xxix. Action Plan (2019-20) xxx. SAC Meeting Proceeding xxxi. Live telecast on Kisan Samman Nidhi Yojna (24 Feb.19) xxxii. News (2018-19) xxiii. Gram Swaraj Abhiyan (14-4-18 to 2-5-18) xxiv. NARI	
Others (pl. specify)	
vi.Manual i.Manual : Dhan ke Fasal Awshesh Prabandhan hetu machino ka sanchalan	1
vii.Write-up i. Efforts of KVK for capacity building (2-3 pages)- Crop Residue Management ii. Efforts for environment building (2-3 pages)-Crop Residue Management **iii.** Stimulating young minds (2-3 pages)- Crop Residue Management	3
viii. Wall & Board Writings (Crop Residue Management)	
ix. KVK in News (2018-19)	1

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

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

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

Introduction of alternate crops/varieties : No

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

Major area coverage under alternate crops/varieties : No

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

Farmers-scientists interaction on livestock management : No

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

Animal health camps organised

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

Seed distribution in drought hit states : No

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

Large scale adoption of resource conservation technologies : No

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

Awareness campaign : No

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

XIII. DETAILS ON HRD ACTIVITIES

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

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

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

Title of the training programmes	No of programmes	No. of Participants*	No. of KVKs involved
Meeting on doubling the income of farmers organized by DDA,Ambala on 19.4.18 attended by Sh.Ramesh Kumar, SMS (Agril.Extn.)	1	1	1
Farm Innovator Meet,Vidya Bhawan KVK,Fatehpur (Udaipur) organized by ATARI-Zone-II,Jodhpur on 7.5.18 by Sh.Abhay Kumar, Farm Manager	1	1	1
Zonal Workshop of KVKs at Bikaner (10-12 June,2018) attended & presented APR by Dr.Upasana Singh, PC,KVK,Ambala	1	1	1
Interactive Training Programme on PFMS modules on 31st May, 2018 at ICAR-ATARI, Jodhpur- attended by Sh.K.N.Chaudhary, O.S.-cum-Acctt. & Sh.Charanjeet Singh, Steno	1	2	1
Training on PFMS at INGAF, Ministry of Finance, Department of Expenditure at New Delhi during 6-7 June, 2018-attended by Sh.K.N.Chaudhary, O.S.-cum-Acctt. & Sh.Charanjeet Singh,Steno	1	2	1
Second Meeting attended regarding Crop Residue Management at ICAR,New Delhi (6.7.18) attended by Dr.Upasana Singh,Senior Scientist & Head	1	1	1
Training on PFMS at MPATU,Udaipur on 30.6.18 attended by Sh.K.N.Chaudhary ,O.S.-cum-Acctt.& Mrs.Meera Sharma,Computer Programmer	1	2	1
Sanitization Workshop on Promotion of Agricultural Mechanization for In-situ Management of Crop Residue" for KVKs & Farmers of Haryana & Delhi on 10.8.2018 attended by Dr.Upasana Singh, Senior Scientist & Head & Sh.Ramesh Kumar, SMS (Agril.Extn.) at CCSHAU, Hisar	1	2	1
Meeting with Director,ATARI,Ludhiana regarding discussion on Progress under CRM on 23.8.18 –Dr.Upasana Singh, Senior Scientist & Head and Er.Guru Prem,SMS (SWM)	1	1	1
Two days training programme on In-situ Crop Residue Management at PAU,Ludhiana (6.8.18 to 7.8.18) by Er.Guru Prem,SMS (SWM)	1	1	1
Training of Trainers under Skill Development programme of ASCI (20-22 Sept.2018) at Bikaner attended by Dr.Amit Kumar, SMS (Hort.)	1	1	1
Participated in Workshop of Natural Farming in Kurukshetra on 7.10.18 by Dr.Amit Kumar,SMS (Hort.)	1	1	1
National Conference on "Doubling Farmers' Income through Agronomic Interventions under Changing Scenario" MPUAT,Udaipur (24-26 Oct.18) by Sh.Rajendra Kumar Singh,SMS (Agro.) & Dr.Naveen Saini, SMS (Ani.Sci.)	1	2	1
Convergence Meet on CRM on 8.10.18 at ATARI,PAU,Ludhiana attended by Er.Guru Prem, SMS (SWM) & Sh.Rajendra Kumar Singh, SMS (Agro)	1	2	1

Title of the training programmes	No of programmes	No. of Participants*	No. of KVKs involved
Meeting SBC at KVIC,Ambala Cantt on 1.11.18 by Sh.Dhirendra Singh,P.A.(Plant Protection)	1	1	1
ARYA Project Zonal Meeting at ATARI,Jodhpur on 29.12.2018 by Dr.Upasana Singh, Senior Scientist & Head & Dr.Naveen Saini,SMS (Ani.Sci.)	1	2	1
Zonal Workshop-cum-Training program during 14-15th Dec., 2018 at Jobner by Sh.Rajendra Kr.Singh,SMS (Agronomy)	1	1	1
State Level Honey Mission Committee meeting at KVIC,Ambala Cantt by Sh.Dhirendra Singh,P.A. (Plant Protection)on 18.12.18	1	1	1
Workshop cum training for conducting survey on Impact of CRM project in India attended by Er.Guru Prem, SMS (SWM) on 21.1.19 at PAU,Ludhiana	1	1	1
Participation and presentation Action Plan (2019-20) in State Level Workplan (2019-20) Workshop on 15th Feb., 2019 at CCSHAU, Hisar by Dr.Upasana Singh, Senior Scientist & Head	1	1	1
Participation & Poster presentation in International Symposium on "Innopreneurship: A need of Sustainable Agriculture" at Chaudhary Charan Singh, Haryana Agricultural University, Hisar from 2-3 February, 2019 by Sh.Ramesh Kumar, SMS (Agril.Extn.), Er.Guru Prem, SMS (SWM)	1	3	1
Participation and displayed Exhibition in Indian Agriculture Congress during 20-23 Feb.2019 at NASC,New Delhi by Sh.Rajendra Kumar Singh, SMS (Agronomy)	1	1	1
Participation & PPT presentation in National Syposium at NBAGR ,Karnal (Improved Back-yard Poultry Empowering Women of BPL families in Ambala district of Ambala) by Dr.Naveen Saini,SMS (Ani.Sci.) 7-8 Feb.2019	1	1	1
Training cum Workshop on Oilseed crops at KVK,Udaipur on 15-16 March,2019 attended by Sh.Rajendra Kumar Singh, SMS (Agronomy)	1	1	1
Participation in Workshop –cum-Training Programme on Production Practices Survey under CSISA from 27-28 March,2019 at NDRI,Karnal attended by Dr.Upasana Singh,Senior Scientist & Head & Sh.Rajendra Kumar Singh, SMS (Agronomy)	1	2	1

***KVK staff involved**

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

I. Sucessful Enterpreneur – Pig Farming

Name of KVK	**:**	**Krishi Vigyan Kendra,Ambala (Haryana)**
Title	:	Sucessful Enterpreneur – Pig Farming
Intervention	:	Vocational training provided on "Commercial Pig Farming" as well as piglets (breed :White York Shire) (2-3 months) provided for establishment of Pig farm . Time to time advisory/ latest technology/disease management etc.provided to farmer.

Introduction :

Name of Farmer	:	Mr.Sahil Juneja
Father's Name	:	Mr.Mahindra Juneja
Village	:	Samlehri
Contact No.	:	9813034477

Mr.Sahil Juneja, a progressive livestock farmer adopted the Pig Farming as a business enterprise after proper training on Commercial Pig Farming from Krishi Vigyan Kendra,Ambala in 2015-16.

- Started with 50 animals and increased upto 300 animals
- As a successful Pig farmer and Master trainer he also motivate other farmer's in nearby villages
- Farm name Global Livestock Farm visited by Dignatiries/ATARIs team
- Leading Progressive Farmer as far as Pig Enterprise under ARYA Project is concerned.

Hon'ble Director Dr.S.K.Singh,ATARI,Jodhpur & Dr.M.S.Meena, Principal Scientist (Agril.Extn.)visited Pig Farm

Experiences shared by Sh.Sahil Juneja as Master Trainer in Pig Farming Training

Economics :

Input		**Output**		**Net Returns (Lacs)**
I. Start up Cost	**Amount (Lacks)**		**Amount (Lacks)**	**23.0 lacs**
a)Shed/Infrastructure	20.0	Ist Year	10.0 lacs	
b) Animal cost (approx.50 piglets)	2.0	IInd Year	20.0 lacs	
II.Running Cost		IIIrd Year	25.0 lacs	
Feeding,Medicines,Maintainence etc.	10.0			
Total Expenditure	**32.0 lacs**	**Total Output**	**55.0 lacs**	

II. Sucessful Enterpreneur – Mushroom farming

Name of KVK : Krishi Vigyan Kendra,Ambala (Haryana)
Title : Sucessful Enterpreneur – Mushroom Farming

Introduction :

A Mushroom is the fleshy, sporebearing fruiting body of Gungus, typically produced above ground or on its food sources.Mushroom has beenf ound cheap meal which is provided rich protien. It is very ifficiant to convert crop residue like wheat and paddy straw in to protien of high quality.

We can put Mushroom between the series of Meat and Vegitable. In country the production of Mushroom has been used as Big, Medium and small Mushroom cultivation Unit. Sesional Unit have follow native technology. There is various type of edible mushroom. However in India four type of Mushroom cultivated i.e. Button Mushroom, Portobello, Dhingari,Oyster) and Paddy Straw Mushroom.

Button Mushroom are the most popular & is cultivated widely become of its high market potential. Mushroom cultivation in India is more encouraged by providing subsidies to farmer for mushroom cultivation.

This Business does not create any type of pollution. Large numbers of growers are following this Mushroom farming buseiness and earn million of money. You can easily start this mushroom farming at home with less capital, less space and less time and earn a lot from it in a very short time period.

One cane even start this buseness at small scale rather than going for large scale business.Mushroom farming provide their livelihood nutritional food security in the Country.

Krishi Vigyan Kendra,Ambala (Tepla) is organising trianing on Commercial Mushroom Farming and the numbers of farmers different blocks of Ambala district, Naraingarh,Ambala,Saha,Barara,Shahzadpur,Ambala-II participating and getting success in Mushroom farming.

Mushroom training inaugurated by Dr.M.S.Meena,Principal Scientist (Agril.Extn.)ATARI,Jodhpur

KVK Interventions :

Sh.Mohan Lal small farmer having few land. He grow Wheat and Paddy crops. Sh.Mohan lal S/o Sh.Ramdiya village Holi, Distrct Ambala approached to KVK to establish the Mushroom Farming Unit and he got training onMushroom cultivation in 2018.He constructed seasonal Mushroom unit from 500 Mushroom bags in his village Holi.

Govt.Schemes & Subsidies for Mushroom Unit : Lecture delivered by DHO,Ambala

Scientist helped in Compost preparation, spawn purchase and timely visit the unit. Scientists gave the information related to insect and disease in Mushroom farming and their management.

KVK team visited Mushroom Unit

Output :

He purchased FYM prepare Bags @ 100/bag and setup seasonal Button Mushroom Unit on his village. Our KVK made a video for its popularization. The main out put in Mushroom unit selling of fresh button Mushroom Rs.80-90 /per kg. in market. He invest Rs.70000/- for FYM bags and unit structure.

Outcome :

Sh.Mohal Lal every day take Button production 150-250 gm. Every day per bags. He have 500 bags take approx. production 100-125 kg. per day. He sell his production in local market, Saha,Shahbad & Ambala.

He invested Rs.70000/- and net profit gain Rs.60000/- in one season.

IMPACT :

This success has been achieved distinetly over the short period of time in a sustainable manner. He has also provided full time employment to a family at his unit.

Looking to this success more number of un-employed educated rural yoth have been motivated and approaching to KVK to establish Mushroom unit in the village.

XIII. STATUS OF REVOLVING FUNDs

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2016 to March 2017	42,94,848.93	25,83,224.00	20,07,118.00	48,70,954.93
April 2017 to March 2018	48,70,954.93	21,38,475.00	20,48,154.00	49,61,275.93
April 2018 to March 2019	49,61,275.93	22,57,651.00	17,60,979.00	54,57,947.93

XIV. Others

(NARI & Doubling Farmers Income)

I. NARI

India has a rich heritage of indigenous fruits & vegetables. They are not only rich in minerals & vitamins but also contribute in a big way in maintaining health, overcoming hunger & nutrition. Among rural community, their consumption is very low due to lack of purchasing power, ignorance & other factors including unavailability. Cultivation of these crops by gardening in systematic manner in small piece of land available in household is known as Nutrition garden. The Nutrition garden ensures access to healthy diet with adequate macro & micronutrients at doorstop. For household food security, family health, sustainable livelihood & to link agriculture with nutrition, the scheme launched by Government on Nutri Sensitive Agricultural Research & Innovation (NARI) will be initiated by KVK,Ambala with the selection of two adopted villages (Akbarpur & Phulelmajra) & with the involvement of group of farm women, aanganwadies & school children.

Initiative will be undertaken :

- Survey & interaction with farm families to assess socio economic & nutritional status of family through prepared Interview schedule
- To assess the availability of land for the establishment of Nutrition gardens
- Knowledge & skill upgradation by trainings, method demonstrations & the establishment of Nutrition gardens with improved seed and layout plan
- Enhancement of Nutritive value of food through prepared training schedule (Course Plan enclosed)
- Advisory services & skill upgradation : Post harvest processing of products received from Nutri gardens
- Feedback survey & Impact analysis

Note : Programme will continue in adopted villages (2017-18 to 2019-20)& action taken report already send vide KVK Ref.No.KVK/Zone-II/2018/1009 dated 7.8.2018 and Ref.No.KVK/NARI/2018/1057 dated 14.8.2018.

Progress Report on NARI

Sr.No.	Project	Action Photographs	Details
1	**NARI Project**	 Social Mapping : Village Phulelmajra	1. Social Mapping of Village Phulelmajra under Village Adoption Programme by NIFTEM Team 2. Selected two villages Phulelmajra & Akbarpur where already doubling farmers income programmes is in operation and functional 3. Improved Lay-out Plan and vegetable seeds of recommended varieties for Household Food Security and good health 4. Knowledge & Skill upgradation by trainings, method demonstration and with the establishment of Nutrition Gardens 5. 100% skill adoption by farm women 6. Save family Income upto 80% (approx Rs. 150-Rs.200/ month /season from Nutrition gardens). Annually Rs. 1800-2400 approximately. **7.** Knowledge & skill upgradation regarding Post harvest Processing of Products received from Nutrition gardens.
			
			
		Distribution of recommended improved vegetable seeds for Nutrition gardens	
			
		Post harvest Processing of Tomato	
		 Post harvest Processing of Mango 	

Programmes continued with further adoption of new village

Kitchen Gardens in villages :

02 आज समाज
अंबाला/चंडीगढ़, शुक्रवार, 20 अप्रैल 2018

खबर एक्सप्रेस

कृषि विज्ञान केंद्र ने दी सब्जियां उगाने की जानकारी

मुलाना। कृषि विज्ञान केंद्र तेपला द्वारा अग्र पंक्ति प्रदर्शन के तहत घर के आंगन या पिछवाड़े में फल सब्जियां उगाने के बारे में जानकारी दी गई। यह जानकारी केंद्र की प्रभारी डा. उपासना ने दी। उन्होंने बताया कि ज्यादातर लोग जानकारी के अभाव में कुपोषण से होने वाली बिमारियों के शिकार हो जाते हैं। इसके अलावा बाजार से लाई जाने वाली सब्जियां कम ताजी एंव कीटनाशक युक्त होती हैं। इन समस्याओं को ध्यान में रखते हुए महिलाओं को घर के पिछवाड़े में सब्जियां उगाने के बारे में जानकारी दी गई। इसके साथ ही मौसम स्वरूप सब्जियों के बीज वितरित किए गए। डॉ. उपासना ने बताया पौष्टिक एंव स्वास्थयवर्धक सब्जियों से परिवार स्वस्थ रहेगा और इन सब्जियों को बचे कर घर की आमदन भी बढेगी। इसके साथ ही उन्होंने बताया कि घर में उगाई सब्जियां विटामिन व मिनिज भरपूर होती है। गर्मियों में लगाई जाने वाली सब्जियां घीया, तोरी, खीरा, ककड़ स्वास्थय के लिए लाभदायक हैं। कार्यक्रम के दौरान देवी रानी पूर्व सरपंच, रोशनी, रेखा, आदि उपस्थित रही।

कृषि विज्ञान केंद्र में महिलाओं को पोषण की जानकारी दी

कृषि विज्ञान केंद्र तेपला में सितंबर का महीना पोषण माह के रूप में मनाया गया। अंबाला सिटी। कृषि विज्ञान केंद्र तेपला में सितंबर का महीना पोषण माह के रूप में मनाया गया। इस दौरान महिलाओं को राष्ट्रीय पोषण मिशन जानकारी दी गई। इसी कड़ी में सपहेड़ा गांव के सीनियर सैकण्डरी स्कूल में कार्यक्रम में अटारी-जोधपुर से प्रधान वैज्ञानिक (कृषि प्रसार) डॉ. एमएस मीना ने बच्चों को जागरूक किया कि फास्ट फूड शरीर के लिए हानिकारक है। इस दौरान उन्होंने बच्चों को शपथ दिलवाई कि वह पोषक आहार लेंगे। महिलाओं और बच्चों को विभिन्न पोषण से संबंधित फिल्में भी दिखाई गई। केंद्रीय विज्ञान केंद्र की प्रभारी डॉ. उपासना ने कहा कि पोषण मिशन का उद्देश्य देश से कुपोषण की समस्या दूर करना-है व महिलाओं प्रसव पूर्व देखभाल, जन्म के पहले घंटे में स्तनपान, पूरक आहार, रक्ताल्पता, बच्चों के विकास पर निगरानी, बालिका शिक्षा, उचित आहार, विवाह की सही उम्र, स्वच्छता जैसे विषयों पर जानकारी देना है। फुलेलमाजरा गांव की महिलाओं को भी प्रशिक्षण के तहत विशेष जानकारी दी कि कुपोषण जैसी बिमारियों से बचने के लिए दूध, दही, दाल, चावल का जरूर प्रयोग करें। इस दौरान रमेश कुमार, इंजीनियर गुरूप्रेम, डा.अमित कुमार एवं अभय कुमार उपस्थित रहे।

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समसामायिक | कृषक आराधना | ग्वालियर, सोमवार 17 सितम्बर से 23 सितम्बर 2018 | 9

केविके तेपला-अम्बाला द्वारा राष्ट्रीय पोषण मिशन के तहत महिलाओं को दी जानकारी

तेपला-अम्बाला। कृषि विज्ञान केन्द्र की तरफ से महिलाओं को, सरकार की तरफ से सितम्बर,2018 पोषण माह के रूप में मनाया जा रहा है, की जानकारी दी। जिसका उद्देश्य देश से कुपोषण की समस्या दूर करना है व महिलाओं आदि को विभिन्न जानकारी देना जैसे- प्रसव पूर्व देखभाल, जन्म के पहले घंटे में स्तनपान, पूरक आहार, रक्ताल्पता, बच्चों के विकास पर निगरानी, बालिका शिक्षा, उचित आहार, विवाह की सही उम्र, स्वच्छता आदि। केविके की प्रभारी डा.उपासना ने महिलाओं और बच्चों को यह भी बताया की इस संदर्भ में विशेष जानकारी हेतु महिला एवं बाल विकास अधिकारी से समर्क कर सकते हैं। इसी सन्दर्भ में फुलेलमाजा गांव की महिलाओं को भी प्रशिक्षण के तहत विशेष जानकारी दी गई कि वह दिनभर की भागदौड़ व घरेलु कामकाज की व्यस्तता के कारण अपने खान-पान का ध्यान नहीं रख पाती जिसके कारण कुपोषण जैसी बीमारियां बहने का खतरा रहता है।इसी कड़ी में सपहेड़ा गांव के सीनियर सैकण्डरी स्कूल में आयोजित कार्यक्रम में अटारी-जोधपुर से आये प्रधान वैज्ञानिक (कृषि प्रसार) डा.एम.एस.मीना ने बच्चों को जागरूक किया कि फास्ट फूड शरीर के लिए हानिकारक है एवं उसे शपथ दिलवायी कि वो पोषक आहार लेंगे व भारत को कुपोषण मुक्त करने में अपना योगदान देंगे। बच्चों को शपथ लेने को कहा कि वह भारत को कुपोषण मुक्त करने में अपना योगदान दें। इस कार्यक्रम में रमेश कुमार, ईजी गुरूप्रेम, डा.अमित कुमार एवं श्री अभय कुमार भी मौजूद रहे।

KRISHI VIGYAN KENDRA,AMBALA

COURSE PLAN -I

Title : Women & Child Care for good Health & to reduce under Nutrition through Behavioural changes

No. of Days : 2 days

Objectives :

- To upgrade knowledge & to make behavioural changes for reducing malnutrition , anaemia & other health related problems
- To spread message of Poshan

Course Content :

- Good health
- Food groups, functions of food and Deficiency Diseases
- To upgrade knowledge & to make behavioural changes for reducing malnutrition, anaemia etc. in adolescent girls

Teaching Techniques : Lecture, Discussion & Audio Visual aids

Impact Indicators

Gain in knowledge & feedback response

LESSON PLAN

Registration : 45 min.

Unit-I **Good Health**

Duration : 45 min.

Teaching Method : Lecture & Discussion

Unit-II **Food Groups, Mal Nutrition & Causes**

Duration : 2 hr.

Teaching Method : Lecture & Discussion

Unit-III **Functions of Food & Deficiency Diseases, Symptoms & Cure**

Duration : 2 hr.

Teaching Method : Lecture & Discussion

Unit-IV **Kitchen garden for family health, nutrition & sustainable livelihood**

Duration : 45 min.

Unit-V **Aim for launching Poshan Abhiyaan a National Nutrition Mission**

Duration : 2 hr.

Teaching Method : Method Lecture, Discussion & Video films

Course Plan-II

Title : Enhancement of Nutritive value of Food

No. of Days : Three days

Objectives :

To conserve nutritive value of food through : knowledge & skill upgradation and improved cooking techniques .

Course Content :

- Food selection, purchase & fundamental of meal planning
- Objectives & methods of cooking food
- Conserve nutritive value of food through improved cooking techniques

A.V.Aid for imparting Trainings /Teaching Techniques : Lecture,Method Demonstration Printed Literature

Trainers Kit : 1. Cooking Utensils
2.Printed Literature for distribution

Trainees Kit : Note Pad & Pen

Impact Indicators

Farm women Reaction & Technical observation	:	Gain In knowledge & Adoption of skill

Feed-back

Lesson Plan

Day : I

Registration : 30 min.

Unit-I Meal Planning

Lesson : 1

Title : Fundamentals of Meal Planning
Time : 45 min.
Method : Lecture & Discussion

Lesson : 2

Title : Meal Planning for Breakfast, Lunch & Dinner
Time : 1 hr.
Method : Lecture & Discussion

Day : II

Unit-II Food Selection, Purchase & Method of Cooking

Lesson : 1

Title : Food selection & Purchase
Time : 45 min.
Method : Lecture & Discussion

Lesson : 2

Title : Objectives & method of cooking Food
Time : 2 hrs.
Method : Lecture & Discussion
Method Demonstration

Day : III

Unit-III Enhancement of Nutritive value of Foods

Lesson : 1

Title : Improved cooking techniques to conserve nutritive value of Food
Time : 2 hrs.
Method : Lecture & Discussion
Method Demonstration,Printed Literature

Feedback of Training : 30 min.

II. DOUBLING FARMER'S INCOME

Name of KVK	**Krishi Vigyan Kendra, Ambala**
Details of Villages :	
A. Model Village	Village Sapeda Block Ambala-II District Ambala- 133104 (Hry.)
B. Adopted Villages **(Panchayat villages on which KVK has been established : Tepla,Phulelmajra & Akbarpur)**	**i. Village Phulelmajra** **Block Saha** **District Ambala** **Pin-133101 (Hry.)** **ii. Village Akbarpur** **Block Saha** **District Ambala** **Pin-133101 (Hry.)**

A. Model Village : Sapeda

Mode village with full mailing address & pin code	Village Sapeda Block Ambala-II District Ambala- 133104 (Hry.)
No.of farmers targeted in the village	50
Baseline Survey Report	**Name of Sarpanch : Smt. Rajni Devi** **W/o Sh.Sukhwinder Singh** School : 2 (i. Primary ii.Sr.Sec.) Anganwadi : 2 Vayayam Shala: 1 Veterinary Hospital : 3 km. Distance Coop. Society : 2 km. Distance Geographical Area : 240 ha Cultivated Area : 220 ha **Population : 3000** (Farmers 60) **Major Crops :**Paddy ,Wheat, Sugarcane (Planted & Ratoon) **Area :** • Paddy : 170 ha • Wheat : 160 ha • Sugarcane : 60 ha **Av.Yield :** • Paddy : 62.0 qtl/ha • Wheat : 50.0 qt/ha • Sugarcane : 750-875 qt/ha (Planted) 500-625 qt/ha (Ratoon) **Soil Status (kg./ha) :** N : 90-150 P : 8.50 to 18 K : 100-140 **pH level :** 7.50 to 8.20 **Animal & Livestock : 1500** • Buffaloes : 400 • Cows : 250

	• Poultry Birds : 7000 (3 Broiler Poultry Farm)
Action Plan for Doubling Farmer Income	➢ Soil Health Enhancement : -Through Soil test based balanced fertilizer application -Crop Residue Management ➢ Package practices for crops production & management ➢ Crop Diversification : -Through Inter-cropping Lay-out (Horticulture crops) -Promotion of Pulse & Oilseed crops ➢ Livestock production & management: -Mineral mixture supplementation -Fodder production -Improved breed promotion ➢ Group formation , mobilization & Entrepreneurship Development : -Formation of Kisan Clubs - Establishment of Custom Hiring Centres
Present status of implementation of planned Work	KVK has conducted base line survey and identified the activities to be implemented in the village for increase the income of farmers and popularises KVK activities through Social & Print Media for sustainable farming.
Major interventions undertaken	Activities like crop production RCT, vegetable cultivation & allied sectors i.e. Livestock production & Management, Vermi compost production etc.
Market linkages established	Not yet; but efforts are being made to train farmers
Any other (Linkages under Projects)	i. VATICA Project ii. ARYA Project iii. CRM Project
Name of other partners involved	The Agriculture & Farmer Welfare, Horticulture, Agril.Engg. Departments,Child & Women Development Department, Bankers , Gram Panchayat ,Progressive Farmers & farm women etc.
Involvement of ICAR Institute	ATARI,Zone-II, Jodhpur (KVK Budget, CRM Project, VATICA Project etcARYA Project etc.

B. Information of Adopted Villages : Phulelmajra & Akbarpur

Mode village with full mailing address & pin code	**Village Phulelmajra Block Saha District Ambala Pin-133101 (Hry.)**	**Village Akbarpur Block Saha District Ambala Pin-133101 (Hry.)**
No.of farmers targeted in the village	30	30
Baseline Survey Report		
Sarpanch	Sh.Vijay Kumar	Sh.Mukesh Kumar Saini
School	1 (Middle)	1 (Primary)
Aanganwadi	1	1
Veterinary Hospital	2 km. Distance (Tepla)	2 km. Distance (Tepla)
Coop.Society	2 km. Distance (Mithapur)	2 km. Distance (Mithapur)
Geographical Area	44 ha	200 ha
Cultivated Area	30 ha	172 ha
Population	900 (Landless)	1000
Family Occupation	- Labour /Farm labour - Dairy - Secondary agriculture (Kitchen gardening, Back-yard Poultry etc.)	- Labour/Farm labour - Farming - Secondary agriculture (Kitchen gardening, Back-yard Poultry etc.)
Major Crops	--	Paddy ,Wheat & Sugarcane
pH level **Soil Status (kg./ha) :**	-- --	8.05 to 8.30 N : 145.5 to 155 P : 11.25 to 13.0 K : 180.0 to 210
Animal & Livestock	• Buffaloes : 100 No. • Cows : 25 No. • Goat : 10 No. • Poultry Birds : 700 No. (1 Broiler Poultry Farm)	• Buffaloes : 240 No. • Cows : 30 No. • Poultry Birds : 2000 No. (2 Broiler Poultry Farm)
Action Plan for Doubling Farmer Income	➢ Livestock production & management: -Mineral mixture supplementation -Improved breed promotion etc. ➢ Promotion of secondary agriculture : - Kitchen gardening & value addition - Back-yard poultry etc.	➢ Livestock production & management: -Mineral mixture supplementation -Fodder production -Improved breed promotion ➢ Package practices for crops production & management ➢ Soil Health Enhancement : -Through Soil test based balanced fertilizer application ➢ Crop Diversification : -Promotion of Pulse & Oilseed crops ➢ Group formation , mobilization & Entrepreneurship Development : -Formation of SHGs

Present status of implementation of planned Work	KVK has conducted base line survey and identified the activities to be implemented in the village for increase the income of farmers and popularises KVK activities through Social & Print Media for sustainable farming.	KVK has conducted base line survey and identified the activities to be implemented in the village for increase the income of farmers and popularises KVK activities through Social & Print Media for sustainable farming.
Major interventions undertaken	Activities undertaken : Dairy, Secondary agriculture (Kitchen gardening, Back-yard Poultry etc.)	Activities undertaken : Crop production & management, vegetable cultivation, Dairy & Secondary agriculture (Kitchen gardening, Back-yard Poultry etc.)
Market linkages established	Not yet; but efforts are being made to train farmers	Not yet; but efforts are being made to train farmers
Any other (Linkages under Projects)	i. NARI Project ii. ARYA Project	i. NARI Project ii. ARYA Project
Name of other partners involved	Child & Women Development Department, Bankers , Gram Panchayats, Progressive Farm Women etc.	The Agriculture & Farmer Welfare, Horticulture, Agril.Engg. Departments,Child & Women Development Department, Bankers , Gram Panchayat ,Progressive Farmers & farm women etc.
Involvement of ICAR Institute	ATARI,Zone-II, Jodhpur (KVK Budget, NARI Project ARYA Project etc.	ATARI,Zone-II, Jodhpur (KVK Budget, NARI Project, CRM Project, ARYA Project etc.

Annexure-I

KRISHI VIGYAN KENDRA, AMBALA

Proceedings of Scientific Advisory Committee Meeting

Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Ambala was convened on 7th September,2018 in Conference Hall of KVK, Ambala under the Chairmanship of Sh.Akhil Bakshi, President, Society for Creation of Heaven on Earth. The following members participated in the SAC Meeting.

Sr. No.	Name & Designation	Department
1.	Sh.Akhil Bakshi, President	Society for Creation of Heaven on Earth
2.	Dr.M.S.Meena, Principal Scientist (Agril.Extn.)	ICAR-ATARI,Zone-II,CAZRI,Jodhpur
3.	Dr.Surinder Kumar, Representative/Incharge KVK,Karnal	KVK,NDRI,Karnal
4.	Dr.Kulbir Singh,ACTO	KVK,NDRI,Karnal
5.	Dr.Girish Nagpal,Deputy Director Agriculture	Agriculture Department, Ambala
6.	Smt.Vijay Luxmi, Additional Director	District Industries Centre, Ambala
7.	Sh.D.K.Garg, District Development Manager	NABARD,Ambala
8.	Sh.Naresh Singla, Chief Lead District Manager	PNB,Lead Bank Office, Ambala City
9.	Mrs.Meenu Choudhan, Supervisor	Women & Child Development, Tepla
10.	Mrs.Sumneet Kaur,Sarpanch	Gram Panchayat,Tepla
11.	Mrs.Debo Rani, Ex.Sarpanch	Gram Panchayat, Akbarpur
12.	Sh.Bhupinder Singh Cheema, Ex.Sarpanch	Village Tepla,Ambala
13.	Dr.Upasana Singh, Member-Secretary	Krishi Vigyan Kendra, Ambala
14.	Sh.Ramesh Kumar, SMS (Agril.Extn.)	Krishi Vigyan Kendra, Ambala
15.	Er.Guru Prem, SMS (SWM)	Krishi Vigyan Kendra, Ambala
16.	Dr.Amit Kumar, SMS (Horticulture)	Krishi Vigyan Kendra, Ambala
17.	Sh.Abhay Kumar, Farm Manager	Krishi Vigyan Kendra, Ambala
18.	Sh.K.N.Chaudhary, O.S.-cum-Acctt.	Krishi Vigyan Kendra, Ambala
19.	Mrs.Meera Sharma, Computer Programmer	Krishi Vigyan Kendra, Ambala
20.	Sh.Charanjeet Singh, Steno	Krishi Vigyan Kendra, Ambala
21.	Sh.Harwinder Singh, President	Kisan Club, Sapeda
22.	Sh.Sukhminder Singh, Member	Kisan Club, Sapeda
23.	Mrs.Maya Devi, Farm Women	Village Akbarpur
24.	Sh.Gurjeet Singh, Progressive Farmer	Village Sapeda,Ambala
25.	Sh.Baljinder Singh, Progressive Farmer	Village Sapeda,Ambala
26.	Sh.Manpreet Singh, Progressive Farmer	Village Sapeda,Ambala
27.	Sh.Prince Rana, Progressive Farmer	Village Khudda Kala, Ambala
28.	Sh.Vijay Pal, Progressive Farmer	Village Khudda Kala, Ambala
29.	Sh.Ghola Singh, Progressive Farmer	Village Sapeda,Ambala
30.	Mrs.Urmil Rani, Aanganwari Worker	Village Phulelmajra,Ambala

Dr.Upasana Singh, Programme Coordinator, KVK,Ambala welcomed the members of the Scientific Advisory Committee. She presented an overview of activities of KVK during the year (2017-18) including-OFTs, FLDs, training's as well as extension activities conducted throughout the year like – Swacchta Mission, Swachhta hi Sewa, Sankalp Se Siddhi : New India Manthan, World Honey Bee Day, Kisan Mahila Diwas, Campaign against Residue Burning & Chetna Mass, Vigilance Awareness Day, Nutrition Day, International Yoga Day etc. She laid emphasis on the Cluster Front Line Demonstration alloted to KVK for 2018-19. She also presented Action taken report of the previous SAC Meeting :

Suggestions in SAC Meeting held on 14-11-2017	
Dr.P.P.Rohilla, Principal Scientist , ICAR-ATARI, Zone-II, CAZRI, Jodhpur	
Salient Recommendations	**Action taken**
Work Plan of Agriculture Extension may include (a) Selection of model & adopted village (b)Impact study of KVK activities,PRA, Survey, District Data, collection, Organising & Reporting extension activities, Linkages etc.	(a)Selected: Model village: Sapeda Adopted village : Tepla,Phulelmajra & Akbarpur (b)To be followed in 2018-19 with the implementation of Action Plan (2018-19)
Action Plan according to Need & problem of area.	Revised Action Plan submitted
Azola Demo.Unit may be established at KVK	Will establish in 2018-19
Year Calendar in Live Stock discipline may be prepared	Will start in 2018-19 as post vacant
SAC proceedings may be send within a week	SAC proceedings submitted within a week
Income generating activities may be taken Up at KVK to increase Revolving Fund	Following directions by making sale of KVK farm produce (seed, vegetables, fruit, livestock etc.)
Dr.Dalip K.Gosain, Senior Scientist & Head, KVK, NDRI,Karnal	
Suggested new varieties for the trials : Berseem (BL-10 of PAU) & (HB-2 of CCSHAU), Onion (L-28) NHRDF, Mustard (CS-58) & Paddy (PB-1718) IARI	New varieties included. Revised Action Plan 2018-19 submitted to Zonal Office.
Dr.Aditya Pratap Dabas, DDA , Agri.Deptt., Ambala	
(a)Focus should be on doubling farmers Income–Vision2022. (b)Include activities related to regional problems, Crop Residue management etc.	(a)Participation: Awareness Programmes at Distt. Level viz.Gram Swara Abhiyan etc. (b)Organising : CRM awareness prog. Television shows, Trainings etc
Dr.Hawa Singh, DHO,Hort. Deptt., Ambala	
1. Vocational trainings on Mushroom may be informed to Hort. Deptt. for deputing linked farmers. 2.Economics of Potato crops to be calculated & aware to the farmers of the district.	1. Information will be send in this year (2018-19) 2. Awareness created among the farmers regarding economics of potato crop during trainings and extension activities
Dr.B.R.Kamboj, Sr. Coordinator, Krishi Vigyan Kendra, Ambala (CCSHAU)	
1. Sugarcane variety Co-5011 may be skipped 2. Trainings on Major crops of the district may be increased in the Action Plan of Agronomy 3 New varieties in Muskmelon may be included in trials 4 Include trainings on Line sowing method in major crops.	1.With the consultation of Sugarcane Institute we had continued the variety at KVK farm 2. Training's increased in the Action Plan of 2018-19. 3 New var. of Muskmelon viz. Punjab Sunheri Included in OFT 4 Training's included in Action Plan
Sh.Naresh Singla, Chief LDM, Punjab National Bank, Ambala	
1.Cost benefit analysis of farmers crop may be calculated 2.Bankers may be called in trainings for highlighting bank schemes	1.Already calculating B:C ratio of different crops & reporting done in APR 2.Bankers are already invited in various KVK activities
Dr.B.R.Kamboj, Sr. Coordinator, Krishi Vigyan Kendra, Ambala (CCSHAU)	
1. Sugarcane variety Co-5011 may be skipped 2. Trainings on Major crops of the district may be increased in the Action Plan of Agronomy 3 New varieties in Muskmelon may be included in trials 4 Include trainings on Line sowing method in major crops.	1.With the consultation of Sugarcane Institute we had continued the variety at KVK farm 2. Training's increased in the Action Plan of 2018-19. 3 New var. of Muskmelon viz. Punjab Sunheri Included in OFT 4 Training's included in Action Plan

Deliberations:

During the meeting all KVK SMS presented Achievements (2017-18) , Achievements (Kharif-2018) & Action Plan (Rabi 2018-19) of their related field alongwith the acheivements of In-situ Management of Crop Residue Project through video, caller tunes etc.Technical session proceed with discussion and later SMS were suggested to modify their Action Plans according to Need & Problems of the area.

The major recommendations of the SAC Meeting is as under :

Recommendations/Action Points

Dr. M.S.Meena ,Principal Scientist (Agril.Extn.), ICAR-ATARI,Zone-II,Jodhpur

- Impact of selected technologies demonstrated by KVK should be presented i.e. Increase in area, contribution in district economy due to KVK plays important role to increase the Country economy. The data may be published in documentary and also submit to ATARI,Jodhpur.
- Livestock activity Calendar may be prepared and submitted at the earliest.
- KVK produce (Production units) may be sent to ATARI,Jodhpur for updation on Web-site of ATARI for sale purposes.
- All information i.e. variety name, release year, potential & district yield may be shown in all the presentations.
- The old varieties (10 years old) not to be included in FLDs/OFTs.
- Feed-back on Front line demonstration in slides may be presented i.e. production of old & new varieties.
- The data may be recorded on the harvesting time of crop of one or two best plot of FLD and data on branches/pods/yield/disease etc. should be recorded at the place.
- The soil analyses under FLDs may be presented.
- The increase in yield below 10% should not be taken in FLD .
- The area should be increased (above 4.0 ha) in FLD of RCT/Popular varieties.
- Timely seed procured from Sources (CFLD/FLD/OFT) and non availability of seed may be timely reported to ATARI,Jodhpur for needful arrangements.
- Banner to be fixed at FLD plot and no cut/ paste pages on banners.
- Varieties/breed released and demonstrated in other state should be assessed at KVK .
- The proven technologies may be taken in FLD's instead of On Farm Trials in Home Science. Kitchen gardens FLDs may be increased and OFTs may be skipped.
- Variety/Breed/District Yield/Egg production/release year should be displayed at Demo.Unit/Seed production unit .
- Practising farmers training should be 3-4 days and numbers may be five nos. & rural youth may be one for each discipline for 21 days.
- Health camp may be organised for farm women (10-20 farm women).
- FLD board on Kitchen garden may be fixed with KVK Name, Contact No.,Total Demonstration etc. in villages for extension of KVK activities.
- Hindi slides may be presented in SAC Meeting for Farmers knowledge.

- Photographs should be of best quality .
- Training schedule should be sent to District Horticulture Department for Mushroom training.
- In Horticulture slides the full name of University may be mentioned and weed name should be mentioned in OFT.
- Dr.Meena suggested to invite as Expert of Progressive farmers and give incentives of amount i.e. Rs.1000/- per lecture/Exposure visit at his farm.
- Report to be sent to ATARI,Jodhpur after completed the Advance training / Summer School /Winter School . Send the report /work done on certificate taken in Summer School "Advances in Water Management practices for enhancing water productivity in Agriculture" by SMS (SWM).
- SMS will present the report before SAC Meeting in front of Senior Scientist & Head.

Dr.Girish Nagpal, Deputy Director Agriculture, Ambala)

- KVK played an important role in villages due to door step facility in the area.
- The best coordination between Agriculture Department & KVK,Ambala for upliftment of the farmers of area .
- He appealed to NABARD giving the financial assistant to Kisan Club,Sapeda for making purchase of machinery (Baller & Rake etc. for CRM).
- He suggested the platform for sale of value added products at Chandigarh.

Sh.Naresh Singla (Chief Lead Bank Manager, PNB)

- Farmers invited for Loan or any Banking problems to Lead Bank officer.
- He appealed to farmers for No burning of Crop residue due to bad effect on pollution in nearby states i.e. Delhi as per experience of the year 2017.

Sh.D.K.Garg (DDM,NABARD,Ambala)

- Sale counters will be provided by NABARD to SHG & Kisan Club members, if required.
- NABARD helps for establishment of Farmer Producer Organisation.

Sh.Sukhminder Singh, (Progressive Farmer, Sapeda)

- Sale outlet in KVK for pure Pesticides.

Dr Upasana Singh proposed vote of thanks to SAC Members.

Photographs of Scientific Advisory Committee Meeting (7-9-2018)

ATTENDENACE OF SAC MEETING (7-9-2018)

KRISHI VIGYAN KENDRA,AMBALA
SCIENTIFIC ADVISORY COMMITTEE MEETING (7-9-2018)
ATTENDANCE SHEET

S.No.	Name & Designation	Department	Mob.No.	Signature
1.	MEENU CHOUHAN Supervisor	Tepla	9999187986	
2.	Dr M S Meena Principal Scientist	ICAR-ATARI zone-II, Jodhpur	8875827538	
3.	AKHIL SAKSHI	SCHE	9810087383	
4.	देवी	अकबरपुर	9255352514	देवी
5.	माया देवी	अकबरपुर		माया देवी
6.	SURINDER KUMAR I/C KVK Karnal	KVK NDRI KARNAL	9812077005	
7.	Kuldip Singh ACTO	KVK, NDRI Karnal	9996666905	
8.	Harvinder Singh	V. Sapphera	9729342774	
9.	Gurjeet Singh	V. Sapphera	8168897347	
10.	Balwinder singh	V Sapphera	9466629383	

No.	Name & Designation	Department	Mob.No.	Signature
11.	D.K. Garg AGM(DD)	NABARD	9896340560	
12.	Manpreet Singh	Saphera	9813700109	Manpreet Singh
13.	Prince Rana	Khudda Kalan	8685982162	
14.	VIJAY PAL	Khudda Kalan	9416278429	
15.	Bhupinder Singh	Tepla	9416029454 9996894549	
16.	Dr GIRISH NAGPAL ZAM AMBALA	Department of Agri Aff	9416776729	4/9/18
17.			9416429334	
18.	SUKHMINDEIL SINGH	KISSAN CLUB SAPHERA	9996942693	Sukhminder Singh
19.		Phulel Majra	8930126648	
20.	Naresh Singla	LDM	9053045227	
21.	Vijay Laxmi	JD DIC Ambala	9466843009	
22.	Sumeet Kaur	Sarpanch Tepla	8950515 45	

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13.	Prince Rana	Khudda Kalan	8685982162	
14.	VIJAY PAL	Khudda Kalan	9416278429	vijay
15.	Bhupinder Singh	Tehsil	9416029454 9996894549	
16.	Dr GIRISH NAGPAL ADM AMBALA	Department of Agri Afw	9467717729	7/9/18
17.	[illegible]	[illegible]	9416429334	[illegible]
18.	SUKHMINDER SINGH	KISSAN CLUB SAPHERA	9996942693	Sukhminder Singh
19.	[illegible]	Phulel Majra	8930126648	
20.	Naresh Singla	LDM	9057045227	
21.	Vijay Laxmi	JD DIC Ambala	9466843009	
22.	Sumeet Kaur	Sarpanch Tehsil	8950515 45	

Detail of Trainings (2018-19) **Annexure -II**

(Practicing farmers, Rural Youth and Extension Functionaries)

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
PRACTICING FARMERS															
22-24 May,18	**PF**	Package of practices of improved variety of Paddy (PR-126)	Agronomy	Integrated Crop Management	3	Kapoori Sapeda KVK	19	0	19	0	0	0	**19**	**0**	**19**
16-18 Oct.,18	**PF**	Integrated Crop Management in Oilseed crops	Agronomy	Integrated Crop Management	3	KVK	65	0	65	0	0	0	**65**	**0**	**65**
11-14 March,19	**PF**	Crop Diversification in Rice-wheat	Agronomy	Crop Diversification	4	KVK	70	0	70	0	0	0	**70**	**0**	**70**
2-5 Nov.2018	**PF**	Integrated Crop Management in Wheat	Agronomy	Integrated Crop Management	4	KVK	15	0	15	0	0	0	**15**	**0**	**15**
	Total (4)						**169**	**0**	**169**	**0**	**0**	**0**	**169**	**0**	**169**
9-11 May,18	**PF**	Scientific Management of Wheat straw through green manuring & summer ploughing	Soil & Water Management	Resource Conservation Technologies	3	Sapeda	16	0	16	0	0	0	**16**	**0**	**16**
17-18 May,18	**PF**	Method of taking soil samples and importance of its analysis	Soil & Water Management	Soil & Water Testing	2	Rachhedi	23	0	23	0	0	0	**23**	**0**	**23**
1-4 June,18	**PF**	Calibration, operation & maintenance of DSR-Drill	Soil & Water Management	Farm machinery & its maintenacne	4	Kharu-khera Samalehri	13	0	13	0	0	0	**13**	**0**	**13**
10.7.18	**PF**	Crop Residue Management Techniques	Soil & Water Management	Farm machinery & its maintenacne	1	Landha	14	0	14	2	0	2	**16**	**0**	**16**
20-24 July,18	**PF**	Importance of Soil testing based Fertilzier application in Paddy	Soil & Water Management	Balanced use of Fertilizer	5	KVK	13	0	13	2	0	2	**15**	**0**	**15**
27-31 Aug.18	**PF**	In-situ Crop Residue Management	Soil & Water Management	Farm machinery & its maintenacne	5	KVK	25	0	25	0	0	0	**25**	**0**	**25**

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
20.9.18 to 26.9.18	**PF**	In-situ Crop Residue Management by innovative farm machinery	Soil & Water Management	Farm machinery & its maintenacne	7	KVK	23	0	23	0	0	0	**23**	**0**	**23**
11.9.18 to 14.9.18	**PF**	In-situ Crop Residue Management by innovative farm machinery	Soil & Water Management	Farm machinery & its maintenacne	4	KVK	311		311	70	0	70	**381**	**0**	**381**
26-28 Dec.18	**PF**	Soil Testing based fertilizer application in Rabi crops	Soil & Water Management	Balanced use of Fertilizer	3	Gheldi	14	0	14	0	0	0	**14**	**0**	**14**
	Total (9)						**452**	**0**	**452**	**74**	**0**	**74**	**526**	**0**	**526**
2-5 Nov.2018	**PF**	Seed Treatment by Fungicide & Pesticide	Plant Protection	Integrated Disease Management	4	KVK	28	0	28	0	0	0	**28**	**0**	**28**
9-12 Jan.19	**PF**	Management of Early and Late blight of Potato	Plant Protection	Integrated Disease Management	4	Magarpura & Jawahargarh	27	0	27	0	0	0	**27**	**0**	**27**
	Total (2)						**55**	**0**	**55**	**0**	**0**	**0**	**55**	**0**	**55**
22-24 May,18	**PF**	Balanced application of Fertilizer in vegetable crops	Horticulture	Production of low value and high volume crops	3	Hamidpur	3	0	3	5	6	11	**8**	**6**	**14**
19-21 July,18	**PF**	Organic Farming of vegetable crops	Horticulture	Production of low value and high volume crops	3	Topkhana	15	0	15	0	0	0	**15**	**0**	**15**
2-4 Aug.18	**PF**	Crop Management in Tomato	Horticulture	Production of low value and high volume crops	3	KVK	19	0	19	0	0	0	**19**	**0**	**19**
26-28 Nov.18	**PF**	Integrated Crop Management in Potato	Horticulture	Production of low value and high volume crops	3	KVK	10	0	10	0	0	0	**10**	**0**	**10**
14-17	**PF**	Role of Kitchen garden in	Horticulture	Nursery raising	4	Akbarpur &	0	2	2	0	17	17	**0**	**19**	**19**

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
March,19		human life & Nutsery raising				KVK									
	Total (5)						**47**	**2**	**49**	**5**	**23**	**28**	**52**	**25**	**77**
4-6 Dec.18	**PF**	Feed & Fodder Management	Livestock	Feed & Fodder	3	Khudda	34	0	34	0	0	0	**34**	**0**	**34**
29-3-19 to 1-4-19	**PF**	Back-yard Poultry	Livestock	Poultry	4	Akbarpur	0	0	0	0	19	19	**0**	**19**	**19**
	Total (2)						**34**	**0**	**34**	**0**	**19**	**19**	**34**	**19**	**53**
18-21 April,18	**PF**	Kitchen gardening for Family health & sustainable livelihood	Home Science	Household food security by kitchen gardening	4	Akbarpur & Phulelmajra	0	0	0	0	30	30	**0**	**30**	**30**
12-17 July,18	**PF**	Value addition (Vegetables & Fruits preservation)	Home Science	Value addition	6	Keshopur	0	10	10	0	17	17	**0**	**27**	**27**
5-6 Sep.18	**PF**	Women & Child care for good health & to reduce under nutrition through behavioral changes	Home Science	Women & Child Care	2	Akbarpur & Phulelmajra	30	40	70	0	16	16	**30**	**56**	**86**
28.9.18	**PF**	Income generating activities for Empowerment of Farm Women	Home Science	Women Empowerment	1	Shahzadpur	0	0	0	0	28	28	**0**	**28**	**28**
11-15 Oct.18	**PF**	Skill knowledge upgradation through trainings on Rural Craft	Home Science	Rural Crafts	5	Tepla	0	4	4	0	10	10	**0**	**14**	**14**
	Total (5)						**30**	**54**	**84**	**0**	**117**	**117**	**30**	**155**	**185**
11-13 June,18	**PF**	Entrepreneurship Development through Custom Hiring Centre	Agril.Extn.	Entrpreneurship development of farmers/youth	3	Kapoori & Sapeda	11	0	11	0	0	0	**11**	**0**	**11**
12-14 Sep.18	**PF**	Doubling of Farmer's Income (Waste to Best) through CRM	Agril.Extn.	Group dynamics	3	KVK	108	0	108	7	0	7	**115**	**0**	**115**

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
24-26 March,19	**PF**	Youth Leadership & Community Development (NYK)	Agril.Extn.	Leadership development	3	KVK	12	20	32	4	4	8	**16**	**24**	**40**
	Total (3)						**131**	**20**	**151**	**11**	**4**	**15**	**142**	**24**	**166**
		Grand Total (30)	--	--	--	--	**918**	**76**	**994**	**90**	**147**	**237**	**1008**	**223**	**1231**

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							Male	Female	Total	Male	Female	Total	Male	Female	Total
RURAL YOUTH															
10-15 Oct.18	**Rural Youth**	Back-yard Poultry Management	Animal Science	Poultry Production	6	KVK	0	0	0	0	37	37	**0**	**37**	**37**
5-31 Oct.18	**Rural Youth**	Mushroom Cultivation and Marketing techniques	Plant Protection	Mushroom Production	27	KVK	13	0	13	2	0	2	**15**	**0**	**15**
26.11.18 to 26.12.18	**Rural Youth**	Assistant Gardener (ASCI)	Horticulture	Planting material production (Gardener)	32	KVK	13	1	14	6	0	6	**19**	**1**	**20**
Nov.18 to Feb.2019	**Rural Youth**	Stitching & Emboridery (Three months)	Home Science	Women Empowerment	90	KVK	0	7	7	0	32	32	**0**	**37**	**37**
19.12.18 to 8.1.19	**Rural Youth**	Commercial Dairy Farming	Animal Science	Dairying	21	KVK	27	0	27	8	0	8	**35**	**0**	**35**
13-24 Dec.2018	**Rural Youth**	Value addition (Fruit &Vegetable)	Home Science	Value Addition	12	KVK	**0**	**7**	**7**	0	28	28	**0**	**35**	**35**
14.2.19 to 6.3.19	**Rural Youth**	Commercial Pig Farming	Animal Science	Piggery	21	KVK	17	1	18	14	0	14	**31**	**1**	**32**
28 Feb.8 March,19	**PF**	Rural Craft :Dolls & Toys making	Home Science	Rural Craft	9	KVK	0	4	4	0	20	20	**0**	**24**	**24**
11.3.19 to 16.3.19	**Rural Youth**	Poultry Production & Management (CPDO)	Animal Science	Poultry Production	6	KVK	30	0	30	1	0	1	**31**	**0**	**31**
		Grand Total (9)	--	--	--	--	**100**	**20**	**120**	**31**	**117**	**148**	**131**	**135**	**266**

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							Male	Female	Total	Male	Female	Total	Male	Female	Total
EXTENSION FUNCTIONARIES															
17.5.18	**Extension Functionaries**	Life Skill Education for Stress Management	Home Science	Women & Child care	1	Bihta	0	17	17	0	10	10	**0**	**27**	**27**
27.9.18	**Extension Functionaries**	Balanced use of Fertilizer in Wheat & Sugarcane	Agronomy	Integrated Nutrient Management	1	KVK	65	0	65	0	0	0	**65**	**0**	**65**
		Total (2)	--	--	--	--	**65**	**16**	**82**	**0**	**10**	**10**	**65**	**27**	**92**