Action Taken Report of 14th SAC Meeting of KVK Srinagar held on 24-04-2018.

S. No	Agenda Items	Action Taken
01	Hon'ble Vice Chancellor directed to reflect the areas covered under different crops in the district map along with live stock population.	All important crops grown in the district have been reflected in the map along with livestock population have also been reflected in the map.
02	Hon'ble chairman asked to take OFT on dormancy breaking in the potato in Noorbagh area.	OFT on dormancy breaking in potato was conducted at three locations viz., Palpora, Noorbagh and Narkara. Results are reflected in the OFT report.
03	The Hon'ble Vice-Chancellor emphasized to provide trainings to youth for preservation of vegetables and provide innovative ideas to people for rotation based vegetable demonstration at KVK level	10 training programmes on vegetable and fruit preservation were conducted involving youth of the district for obtaining skill for income generation. Innovative ideas for crop rotational cultivation of Pea at KVK has been developed under protected as well as under open conditions.
04	Hon'ble Vice Chancellor directed SMS (VS) to take OFT on low tunnel system not hot bed.	The OFT on low tunnel system was conducted at KVK campus and results are reflected in the OFT report.
05	Hon'ble Vice Chancellor directed to lay FLD,s with SR technology demonstration four location and one at Mr. Mohammad Sultan Bhat Progressive farmer field	Since the sowing of paddy seeds was done earlier prior to SAC meeting, hence the FLD's on SR technology demonstration will be conducted this year.
06	Hon'ble Vice Chancellor stressed to lay FLD,s on SR-5 paddy and PB-89 Variety of Pea.	An area of 1.5 ha was brought under FLD Pea variety PB-89 at village Nowshadbagh, Lasjan, Ranbirgrah and FLD on SR-5 was laid at Faqirgujri.
07	Representatives of Poultry department suggested that training on backyard poultry should be conducted during winter	03 training programmes on backyard poultry were conducted during winter.
08	House asked to arrange Chinese cabbage seed for distribution among the farmers of the district	500 g of Chinese cabbage has been procured from division of vegetable science SKUST-K and will be distributed accordingly among farmers well in time.

09	Hon'ble Vice Chancellor directed to concentrate on peri-urban horticulture activities and promote vertical expansion of vegetable particularly in kitchen gardening.	06 training programmes were conducted and emphasizes was laid for vertical expansion of vegetables particularly in Kitchen gardens.
10	Hon'ble Vice Chancellor directed to Programme Coordinator to care of land filling and take-up matter with revenue officials for demarcation of KVK land.	03 kanals of land has been filled with soil and is under cultivation of different crops, regarding the demarcation. Matter has been taken up with District Development Commissioner Budgam and Tehsildar Budgam so many times for demarcation of remaining land but nothing concrete has yielded as yet.
11	Hon'ble Vice Chancellor stress to involve line department in conducting OFT,s and FLD,s to collect the data and directed Programme Coordinator to monitor OFT,s and FLD's personally.	All the activities of the Kendra including FLDs and OFTs are being monitored by Programme Coordinator and officers of line departments were actively involved in the said programme.
12	The Hon'ble Vice-Chancellor stressed for providing training to the youth at different locations of the district other than village Nadergund.	08 skill development programmes on training and pruning involving 150 youths, 02 programmes on Hybrid Seed Production for 15 youth, 01 Fashion Designing programme of 45 days for18 girls and 10 days Skill Development programme for 35 youth were conducted at Zakura, Ranbirgrah, Shalimar, Balhama, SKUAST-K and at Damping sites of Dal lake

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK Srinagar (Narkura)	Office	FAX	
	9419079152	-	kvksrinagar@hotmail.com

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

Address	Telephone		E mail
	Office	FAX	
Sher- e- Kashmir University of Agricultural Sciences and Technology of Kashmir	0194-461258	0194-461260	vc@skuastkashmir.ac.in deeskuastk@gmail.com

1.3. Name of the Programme Coordinator with phone, mobile No & e-mail

Name	Telephone / Contact		
Dr. Rekhi Singh	Residence	Mobile	Email
	Green View Colony Allochi Bagh Srinagar	9419078638	rekhiextension@gmail.com

1.4. Year of sanction: 2002-2003

1.5. Total land with KVK (in ha): 19.35 ha
Land Filled: 0.5 ha

S. No.	Item	Area (ha)
1	Under Buildings	0.1
2.	Under Demonstration Units	0.1
3.	Under Crops	0.2
4.	Duckery/Fishery	0.1
5.	Others (Wetland)	18.85

2. District Profile of Srinagar.

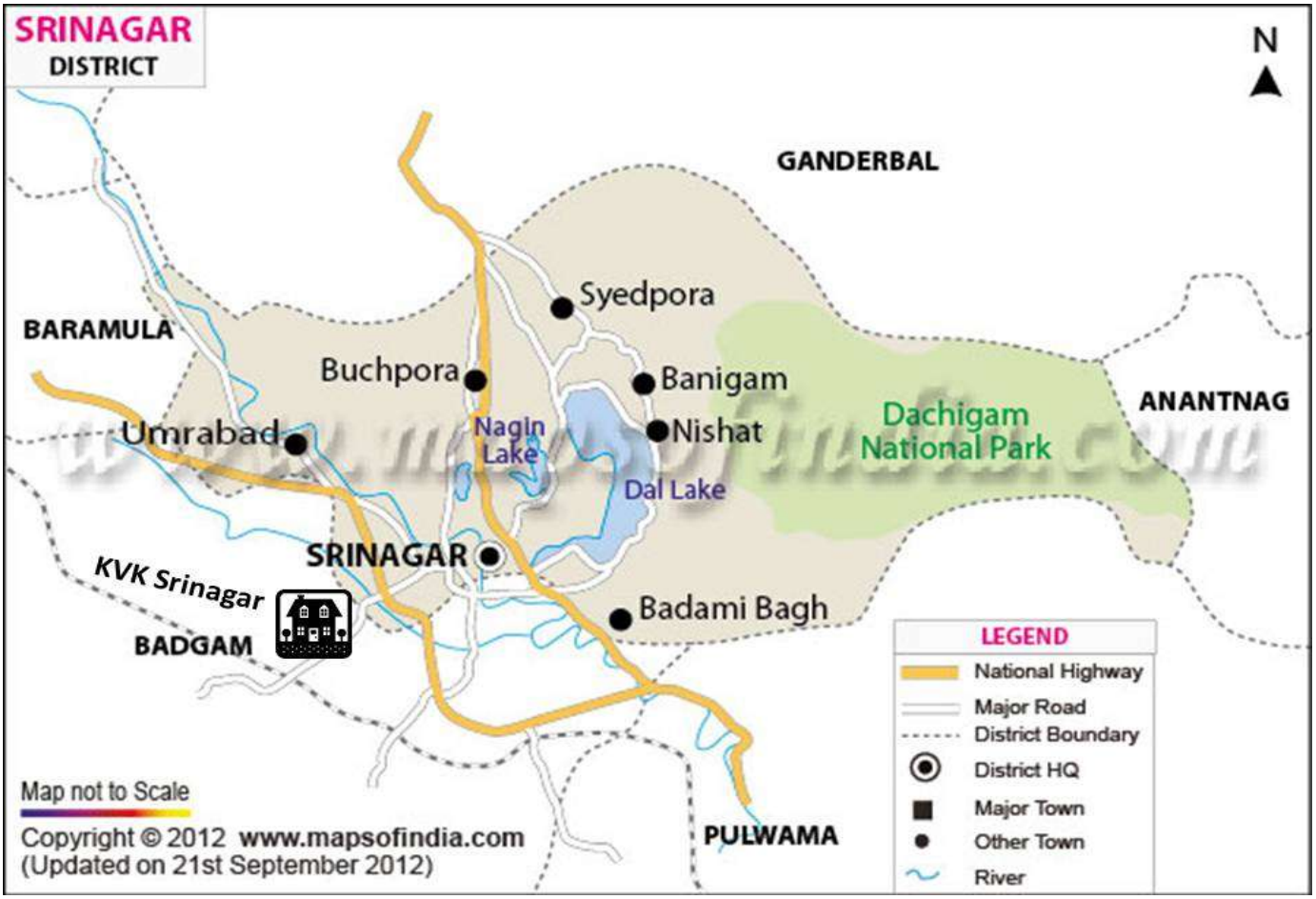
Srinagar district, situated in the centre of Kashmir Valley, is surrounded by five districts. In the north it is flanked by Kargil and Ganderbal, in the South by Pulwama and in the north-west by Budgam. The average altitude is about 1600m amsl .The district with a population of around 1325443 lacs, is spread over an area of 1979 Sq. Kms. It comprises of 07 Tehsils/ towns viz; Srinagar North and Srinagar South, Central, Khanyar, Idgah, Chanapora, Natipora and Panthachowk, four blocks (Srinagar), besides 137 Revenue villages.

The data is given here under;

Geographical area	1979 Sq. km
Number of Tehsils	07
No. of Blocks	04
No. of Panchayat	21
No. of Sub Division	02
No. of Villages	137
Literacy	71.21 %
Male Literacy	78.01 %
Female Literacy	63.47 %
Population	1325443 lacs
Avg. Rainfall	770.6 mm
Cultivable Area	9750 ha
Irrigated Area	5910 ha
Rainfed Area	750 ha
Area under Paddy	3400 ha
Area under Vegetables	2500 ha
Area under Maize	450 ha
Cattle Population	43166
Sheep Population	57994
Goat Population	6485

Area under Fruit Plants

1) Fresh Fruits 2613 ha
2) Dry Fruits 477 ha


SRINAGAR
DISTRICT
N
GANDERBAL
Syedpora
BARAMULA
Buchpora
Banigam
ANANTNAG
Umrabad
Nagin Lake
Nishat
Dachigam National Park
Dal Lake
SRINAGAR
KVK Srinagar
Badami Bagh
BADGAM
LEGEND
National Highway
Major Road
District Boundary
District HQ
Major Town
Other Town
River
Map not to Scale
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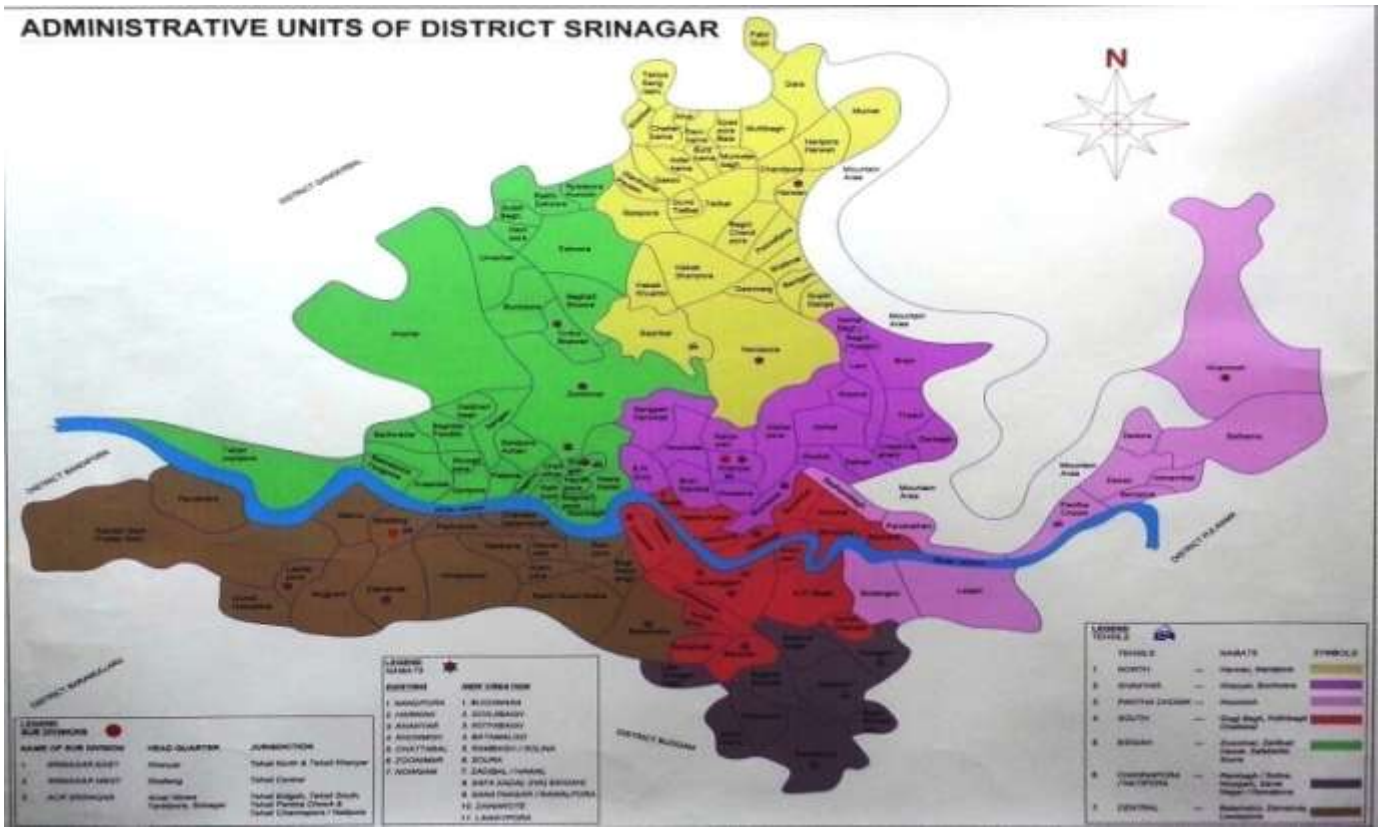
(Updated on 21st September 2012)
PULWAMA


ADMINISTRATIVE UNITS OF DISTRICT SRINAGAR
N

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

S. No	Crop	Area (ha)	Production (Qtls/ha)	Productivity (Qtls /ha)
1.	Fresh Fruit	2613	23327 M. Tonnes	8.92 M.T/ha
2.	Dry Fruit	477	3091 M. Tonnes	6.48 M.T/ha
3.	Rice	2.511	0.587	6000
4.	Maize	0.101	0.059	4500
5.	Oilseed	0.434	0.588	1350
6.	Fodders	0.284	1.776	1200
7.	Pulses	0.073		800
8.	Wheat	0.003		4000

4. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)
		Maximum	Minimum	
April 2018	109.2	22.1	8.6	68
May 2018	31.5	25.0	10.9	64
June 2018	60.9	28.4	15.2	66
July 2018	85.1	29.1	18.1	78
August 2018	50.9	30.5	18.3	75
September 2018	23.7	27.8	13.1	74
October 2018	7.4	21.6	4.9	75
November 2018	118.1	12.5	1.7	86
December 2018	2.4	9.6	- 3.5	89
January 2019	83.8	5.2	-1.7	86
February 2019	122.2	8.4	-0.3	86
March 2019	75.4	14.5	3.5	76

5. Details of Operational area / Villages

S. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Srinagar	Srinagar (Zone Qamarwari)	Lawpora Mirgung Zainakote Khusipora Dandergah Noorbagh Palpora Kreshbal Soura Anachar Narkura Batmallo Bemina Gangbug Barzulla Rambagh Solina Lalmandi Hyderpora Nowgam Rawalpora Channpora Bagi Mahtab Gogo Rangreth Humhama	Paddy, Mustard, Pulse, Vegetable Potato Sericulture Cattle, Kitchen gardening Protected cultivation High density apple plantation Nutrition gardens Backyard poultry	Paddy Blast, Water logging Non avaibility of quality seed Insect pests , Disease management, low productivity, Less awareness about training and pruning	Awareness about Paddy Blast, formation of growers association/ cooperative societies. Vegetable seed production. Seed replacement. Popularization of Exotic vegetable. Area expansion under high value vegetable crops. Value addition of fruits and vegetables. Imparting training on disease management, Awareness cum training on pruning and training. Dairy management, Cultivation of high value vegetables under protected conditions. Organic farming.

2.	Srinagar	Srinagar (Zone Brain)	Rajbagh Khonmoh A & B,Zevan Miskeenbagh Nayedyar Abnivpora Brain Dalgate Nishat Gupkar Khanyar S Zakura, Gulab Bagh Ahmad Nagar Buchpora Mallbagh Saderbal Lalbazar Nigeen East Nigeen West Dargah	Poultry Cattle Apple, Pear, Paddy Maize. Vegetables Saffron Almond Cherry Fisheries Naduru. Craft. Apple Pomegranate Pear Quince Fisheries Mushroom Sheep Medicinal plants Nadru Poultry	Collar rot, root rot, Papery bark, Blast brown spot, Non avaibility of quality seed Insect pests, Anar butterfly	Imparting Trainings on disease and nutrient management, Laying FLD's. Training and pruning of fruit trees. Vocational trainings on local craft Integrated insect/pest management Cultivation of exotic vegetables. Commercial cultivation of floriculture crops. Pollination management of horticulture crops.
3	Srinagar	Srinagar (Zone Harwan)	Dhara Fakirgujri Shalimar Batapora Mulfaq Chatterhama Burzahama Gassu Telbal Khimber Tikke Sangrassi	Sheep Cattle Floriculture Paddy Strawberry Maize Pulses Apiculture Medicinal plants Pear, Vegetable, Apple Cherry,	Poor pruning and trainings, Low productivity, Root rot. Collar rot Pollination problem Rice blast Papery bark Traditional varieties	Awareness cum training on pruning and training, vocational training on disease management. Integrated nutrient and water management. Integrated disease and insect/pest management in horticulture crops. Commercial cultivation of floriculture crops

6. Priority thrust areas

S. No	Thrust Area
01	Area expansion under high value vegetable crops.
02	Pollination management and scientific training & pruning in fruit plants.
03	Commercial cultivation of floriculture crops.
04	Soil health maintenance and soil conservation.
05	Integrated disease and pest management in fruits and vegetables.
06	Vocational trainings for income generation.
07	Integrated farming system.
08	To provide quality seeds, Planting material and nursery of different vegetables to farmers.

7. Technology Intervention

- Value addition in fruits and vegetables.
- Integrated management of disease and pest of various vegetable & fruit crops.
- Introduction and popularization of SKUAST-K released varieties.
- Integrated nutrient management of vegetables, field and fruit crops.
- Rejuvenation of senile orchards, scientific layout and training & pruning and canopy management of orchards.
- Commercial cultivation of vegetable in peri-urban areas.
- Scientific cultivation of commercially important floriculture crops.
- Integrated farming system approach.

8. Details of achievements of mandatory activities by KVK during 2018-19

OFT				FLD			
1				2			
Number of OFTs		*Number of farmers*		*Area under FLDs*		*Number of farmers*	
Targets	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***
10	**10**	**25**	**25**	**38.0**	**38.1 ha**	**240**	**283**
				Animals	**200 No.**	**-**	**27**

Training				Extension Programmes			
3				4			
Number of Courses		*Number of Participants*		*Number of Programmes*		*Number of participants*	
Targets	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***
-	**95**	**-**	**2580**	**-**	**254**	**-**	**5469**

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	***Achievement***	***Target***	***Achievement***
To provide quality seedlings and planting material of vegetables & fruit plants.	**(Vegetable/Seeds)** Garden Pea: 13.67 kg Onion: 239 kg Garlic: 80 kg Tomato: 80 kg Bottle Gourd: 30 kg/02 kg Brinjal: 39 kg/1.2 kg Okra: 24 kg/02 kg Oats: 10 kg Rajmash: 06 kg Maize: 24 kg	-	Tomato: 8470 Onion Seedlings: 11650 Brinjal: 4900 Chilli: 925 Capsicum: 4320 Bottelguard: 85 Cucumber: 170 Squash: 53 Knol Khol: 2665 Cauliflower: 1135 Fruit Plants: 2307
-	**(Others)**	-	
-	Button Mushroom: 61.4 kg	-	
-	Vermicompost: 05 Qtls	-	
-	Honey: 13 kg	-	
-	Fish: 47 kg	-	
-	Ducks: 40.5 kg	-	

9. On-Farm Trials laid on 2018-19

OFT-1

1	Title	**Dormancy breaking in Potato**
2	Problem Diagnose/defined	Sprouting in Potato
3	Details of technologies selected for assessment/refinement	Soaking of whole tubers in a solution containing 1% thiourea and 1 ppm GA3
4	Source of technology	SKUAST -K
5	Production system thematic area	Crop production
6	Thematic area	Crop Production
7	Performance of the Technology with performance indicators	Satisfactory
8	Final recommendation for micro level situation	Two crops of potato can be cultivated by adopting the said technology
9	Constraints identified and feedback for research	Incidence of rodents damage is more which results in loss of yield
10	Process of farmer's participation and their reaction	Satisfactory

Results of On Farm Trial-1

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Potato	Irrigated	Sprouting	Dormancy breaking in Potato	03 Palpora Noorbagh KVK Sgr	1% thiourea and 1 ppm gibberlic acid	Yield	See table -1	Satisfactory	Steps should be taken to control rodent damage

Area: 5 Marlas

Table-1

	Location 1 Palpora		Location 2 Noorbagh		Location 3 KVK Srinagar	
Crop	Treated (Kgs)	Untreated (Kgs)	Treated (Kgs)	Untreated (Kgs)	Treated (Kgs)	Untreated (Kgs)
Kufri girdhari	312.5	250	302	237	307	229
Kufri surya	225	192	213.7	187	217	179
Kufri giriraj	262.5	202	257.4	200	270	198.6

OFT-2

1	Title	**Clotches for early seedling production**
2	Problem Diagnose/defined	Nursery failure
3	Details of technologies selected for assessment/refinement	Black polythene, paddy straw and white polythene
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	Crop production
7	Performance of the Technology with performance indicators	Satisfactory
8	Final recommendation for micro level situation	Clotches with white polythene showed better results
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers participation was active as the results were satisfactory

Results of On Farm Trial –2

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Tomato (S-II)	Irrigated	Nursery failure	Clotches for early seedling production	01 KVK Sgr	Use of black polythene, paddy straw & white ploythene	Yield	See table -2	Table 2	Satisfactory and with higher rate of adoption

Table-2

Crop	Parameters	T1	T2	T3
		Black Polythene	Paddy Straw	White Polythene
Tomato (S-II)	Germination %	81%	87%	90%
	Days taken to 50% germination	12 days	17 days	15 days
	%age mortality	19%	13%	10%

OFT-3

1	Title	**A study on Farmers Practice and Recommended Nutrient Management Practices in Brown Sarson (KS-101)**
2	Problem Diagnose/defined	Low adaptation of soil test based recommended practice by farmers.
3	Details of technologies selected for assessment/refinement	Application of soil test based nutrient management
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	Crop production
7	Performance of the Technology with performance indicators	Crop production increased using nutrient management which resulted in increase of yield.
8	Final recommendation for micro level situation	Soil test based fertilizer application
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers were involved learning by doing

Results of On Farm Trial -3

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Brown Sarson	Irrigated	Low adaptation of soil test based recommended practice by farmers.	A study on Farmers Practice and Recommended Nutrient Management Practices in Brown Sarson	02 Telbal Khonmoh	Soil test based nutrient management	Yield	See table-3	Increase in yield & yield attribute characters	Satisfactory

Table-3

Treatment	Plant height(cm)	Branchplant^{-1}	Siliquae plant^{-1}	Seed siliqua^{-1}	1000 seed weight (g)	Seed yield (q ha $^{-1}$)
T1=(Farmers practice)	85.52	7.06	112	9.2	3.62	7.39
T2= (Recommended NPK)	90.22	9.92	138	9.6	3.68	10.70
T3=STB fertilizer application	94.30	10.28	144	10.2	3.71	12.06

OFT -4

1	Title	**Evaluation of feed supplement on milk production and reproductive performance in dairy Cattle**
2	Problem Diagnose/defined	Poor production performance. Anestrous and repeat breeding
3	Details of technologies selected for assessment/refinement	Mineral mixture supplementation
4	Source of technology	SKUAST-K
5	Production system thematic area	Milk yield
6	Thematic area	Dairy
7	Performance of the Technology with performance indicators	Increased milk production and low incidence of repeat breeding
8	Final recommendation for micro level situation	Supplementation by mineral mixtures enhance milk yield.
9	Constraints identified and feedback for research	Farmers felt difficultly in giving intra muscular injection.
10	Process of farmer's participation and their reaction	Farmers prefer supplementation for increased milk production and profitability

Results of On Farm Trial – 4

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Dairy animal	Un balanced feeding of animals	Poor production performance, Anestrous & repeat breeding	Evaluation of feed supplement on milk production and reproductive performance in dairy Cattle	02 08 cows/trial/ treatment	Mineral mixture supplementation & incidence of repeat breeding	Milk yield	Increased milk production from 12.3 lts/day to 15.3lts/day/animal	Increased production	Farmers are satisfied with the results

Yield data: Yield (liters/animal/day

Treatments		**Yield (liters /animal/day)**	
T1	No mineral mixture	12.3	High incidence of anestrous (30 % of cows came into heat within 03 months period of observation.
T2	Mineral mixture (30 g/ day)	14.1	Very low level of anestrous (60 % of cows came into heat within 03 months period of observation.
T3	Mineral mixture (30 g/ day)+ Tonophosphan	15.3	Low incidence of anestrous (80 % of cows came into heat within 03 months period of observation.

OFT -5

1	Title	**Integrated Nutrient Management on growth and yield parameters of Maize (Variety:- SMC7)**
2	Problem Diagnose/defined	Low yield
3	Details of technologies selected for assessment/refinement	Integrated Nutrient Management.
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	Crop production with reference to nutrient management.
7	Performance of the Technology with performance indicators	Increase in yield.
8	Final recommendation for micro level situation	Integrated nutrient management
9	Constraints identified and feedback for research	No constraint for the technology-advocated
10	Process of farmer's participation and their reaction	Learning by doing & seeing is believing

Results of On Farm Trial – 5

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Maize	Irrigated	Low yield	Integrated Nutrient Management on growth and yield parameters of Maize	Total: 05 Gund Hasibhat(03) Check Dhara (02)	INM 1. Inorganic ferlizer 2.Vermicompost 2.Bioferilizer (Azotobacter and PSB)	Increase in yield & yield attribute characters	See table-4	Increase in yield	Satisfied

Table-4

Variety	Plant height (cm)	Cob length (cm)	No of cobs/plant	Kernal row/cob	No. of grains/cob	100 seed weight(g)	Yield q/ha
T1: Farmers practice	150.3	16.00	1.00	12.00	478	23.90	45.00
T2: Recommended NPK application	196.8	20.00	2.00	14.00	523.79	26.57	53.40
T3:Recommanded NPK + Vermicompost +Biofertilizer	200.4	23.60	2.00	18.00	550.2	30.33	56.00

OFT-6

1	Title	**Nutrient fungicide compatibility in apple**
	Problem Diagnose/defined	water core, bitter pit
3	Details of technologies selected for assessment/refinement	Calcium with fungicide
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	Fruit Quality
7	Performance of the Technology with performance indicators	Satisfactory
8	Final recommendation for micro level situation	Needs repeated trial
9	Constraints identified and feedback for research	Adoptability
10	Process of farmer's participation and their reaction	Satisfactory

Results of On Farm Trial – 6

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Irrigated & un-irrigated	water core, bitter pit	Nutrient fungicide computability in apple	03 Faqirgujri Darbagh Tailbel	Use of nutrient with fungicide	Compatibility and physical disorders	Table-5	Continued	Satisfied

Table-5

Yield: kg/tree				Disease incidence %			Effect of Ca on fruit firmness (lb.psi)		
Variety	**Faqigujri**	**Darbagh**	**Taibal**	**Faqigujri**	**Darbagh**	**Taibal**	**Faqirgujri**	**Darbagh**	**Taibal**
T1:	149.24	146.52	155.78	17.2	21.9	18.3	16.16	15.36	16.06
T2:	155.36	159.43	163.57	1.3	2.7	2.1	16.76	16.46	17.01
T3:	158.87	162.81	165.43	0.7	1.6	1.1	17.09	16.67	17.19

OFT-7

1	Title	**Management of pre harvest fruit drop**
	Problem Diagnose/defined	Fruit abscise from the tree to harvest
3	Details of technologies selected for assessment/refinement	NAA
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	Yield
7	Performance of the Technology with performance indicators	Increase fruit yield.
8	Final recommendation for micro level situation	Application of NAA controls fruit drop
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Adopted satisfactorily by progressive farmers

Results of On Farm Trial – 7

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Irrigated & un-irrigated	Pre mature fruit drop	Management of pre harvest fruit drop	03 Chitrihama Harwan Ranbirgrah	Use of NAA for control of fruit drop	Yield estimate	See table-	See table	Satisfied

Table- Age of the tree = 25 years, Crop: (Apple)
Variety = Red delicious

Time of spray	Effect of NAA on fruit drop %				Time of spray	Effect of NAA on yield of apple trees (kgs/tree)			
20 days harvest	NAA conc.	Darbagh	Faqigujri	Taibal	20 days harvest	NAA Conc.	Chatrehama	New theed	Ranbirgrah
	0	25.4	19.6	20.6		18.3	161.92	153.18	144.62
	10	2.9	2.4	2.8		2.1	172.44	158.87	159.03
	15	3.4	3.2	3.0		1.1	169.69	156.18	154.81

OFT-8

1	Title	**Management of cut worm in vegetables**
	Problem Diagnose/defined	Cut worm damage
3	Details of technologies selected for assessment/refinement	Drenching of Alphamethrin, carbofuron granules application.
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	IPM of cutworm
7	Performance of the Technology with performance indicators	Performance of the technology satisfactory in controlling cutworm damage
8	Final recommendation for micro level situation	In case of severe infestation / quick knockdown application of alphametrin may be carried out
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers were cooperating and got satisfied

Results of On Farm Trial – 8

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Chilli & Kale	Irrigated	Cut worm	Management of cut worm in vegetables	02 Noorbagh Narkura	Application of Alphametrin	Plant mortality	See table-	Satisfac tory	Satisfied

Treatments		**Plant Mortality (%)**
T1	Farmers practice	29
T2	Recommended practice	13
T3	Alphamethrin drenching @ 1.2 ml / liter of water	03

OFT-9

1	Title	**Management of Chilli Wilt**
	Problem Diagnose/defined	Fusarium wilt
3	Details of technologies selected for assessment/refinement	Carbendazium drenching and application of trigoderma harzianun
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	IDM in Chilli
7	Performance of the Technology with performance indicators	Application of trigoderma in compost & mixed with soil followed by carbendazium showed best results in management of chilli wilt
8	Final recommendation for micro level situation	Trigoderma application should be done in compost
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers were cooperating and got satisfied

Results of On Farm Trial –9

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Chlli	Irrigated	Wilting of seedlings	Management of chilli wilt	02 Noorbagh Narkura	Application of *trigoderma* followed by drenching of carbendazium	Plant mortality	See table-	Satisfac tory	Satisfied

Treatments		**Plant mortality (%)**
T1	Farmers practice	35
T2	Drenching of carbendazium	11
T3	Application of *trigoderma* followed by drenching of carbendazium	06

OFT-10

1	Title	**Effect of Boron on yield and quality of Saffron**
	Problem Diagnose/defined	Low yield
3	Details of technologies selected for assessment/refinement	Recommended NPK + 0.15% boron
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop production
6	Thematic area	Saffron production
7	Performance of the Technology with performance indicators	Yield
8	Final recommendation for micro level situation	Increase in the yield and yield attributed characters
9	Constraints identified and feedback for research	No constraints
10	Process of farmer's participation and their reaction	Farmers were cooperating and got satisfied by the results.

Results of On Farm Trial –10

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Saffron	Un irrigated	Low yield	Effect of Boron on yield and quality of saffron	02 Balhama	Recommended NPK + 0.15% boron	yield	See table-	Satisfactory	Satisfied

Results

Treatments	Plant height (cm)	No. of shoots/corm	Flower weight (g)	Length of stigma (mm)	Stigma weight (g)	Flower yield (kg/kanal)	Dry saffron yield(kg/kanal)
T1: Control	28.0	6.08	**0.200**	28.9	0.019	30	0.39
T2: Recommended NPK	29.9	7.17	**0.215**	29.0	0.022	35	0.47
T3: Recommended NPK+ 0.15% Boron	30.5	7.42	**0.250**	30.3	0.024	40	0.52

10. Details of Frontline Demonstrations laid during 2018-19.

Crop (Variety)	Title of FLD	Date of execution	Area (ha)	Achievements							
				No. of Beneficiaries							
				SC/ST		OBC		Others		Total	
				M	F	M	F	M	F	M	F
Oilseeds											
Brown Sarson	Popularization of HYV	01-11-2018	2.0	05	03	-	-	16	08	21	11
Pulses											
Rajmash (Local red)	-do-	28-05-2018	3.0							20	0
Rajmash (French yellow)	-do-	28-05-2018	1.5					12	0	12	0
Other crops											
Oats	Popularization of HYV	05-11-2018	08.0	12	05	-	-	35	20	47	25
Paddy Jehlum	Popularization of HYV	11-04-2018	08.3	02	-	-	-	15	0	15	0
SR-2	-do-	16-04-2018	1.92					06	0	06	0
SR-3	-do-	12-04-2018	2.3					05	0	05	0
SR-4	-do-	17-04-2018	3.48					07	0	07	0
Maize	Popularization of SKUAST-K released variety of Maize	11-05-2018	02.00	15	0	-	-	-	-	15	0
Pea	Popularization of variety	11-11-2018	01.5	03	01	-	-	35	20	47	25
Animal	Popularization of new poultry breeds	15-10-2018	630 Nos.	0	13-	-	-	0	14	0	27

11. Performance of Frontline Demonstrations laid during 2018-19.

Crop	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q/ha	Increase in yield (%)
				H	L	A		
Brown Sarson	KS-101	25	4.5	16.25	10.5	13.45	9.35	30.48
Paddy	Jehlum	15	8.3	79.00	66.00	72.15	57.00	20.99
	SR-2	06	1.92	70.00	59.00	68.00	50.00	26.47
	SR-3	05	2.3	73.00	68.00	70.00	55.00	21.42
	SR-4	07	3.48	82.00	73.00	79.5	60.00	24.52
Oats	Sabzar	72	5.0	18.95	15.00	16.75	10.55	37.01
Maize	C-4	35	5.5	60.00	54	57	45	
Peas	PB-89	23	1.25	165.00 Green	120.00 Green	150.0Green	95.00Green	36.66
Rajmash	L. Red	12	3.00	8.5	6.80	7.75	6.50	16.12
	French yellow	07	1.50	8.70	8.30	8.50	6.75	20.58

Poultry strain	No of birds distributed	Technology demons.	No of farmers	Performance (after one year)			Performance of local strains
				Highest (kg)	Lowest (kg)	Average (kg)	
Vanraja	600	Improved variety of dual purpose chicken	70	Wt.=4.5 Egg=154	Wt.=2.1 Egg=110	3.2 140/bird	Wt.= 1.2 Eggs=60 per bird
American white Pekin	30	Improved variety of duck breed	20	Wt.=2.8 kg at 4 month age.Egg production on going	Wt.=1.8 at 4 month age.Egg production on going	2.4 kg	Wt.=0.8 at 4 month age.Egg production 80/year/duck

FLD monitoring of Paddy at village Dardekhover and Umarhair Buchpora

FLD monitoring of Paddy (SR-5) at Faqirgujri

Monitoring of Maize at Lawaypora and Cheki-Dara

12. Trainings for Practising Farmers/Farm Women and Rural Youth

Crop Production

Name of the Training Programme	Date	No. of participants	Venue
Kissan Kalyan Divas	05-05-2018	55	Check Khonmoh
Scientific Cultivation of Legumes	09-05-2018	18	Noorbagh
Production Technology of Specially Corn (Baby, Sweet and Pop Corn)	28-05-2018	25	Khonmoh
Scientific Cultivation of Root Crops	09-08-2018	18	Faqirgujri

Crop Protection

Name of the Training Programme	Date	No. of participants	Venue
Management of Cherry Cracking	06-06-2018	30	Brandkani
Pest Management of Soloanaciuos Crops and Crucifers	11-06-2018	26	Panzinar
Fruit Fly Management in Cucurbits	24-07-2018	24	Tokenwari
Importance of Leaf Analysis and Techniques for Collection of Leaf Samples.	23-07-2018	25	Zakura
Management of Canker Disease in Fruit Crops	07-09-2018	21	Darbagh

Horticulture Production

Name of the Training Programme	Date	No. of participants	Venue
Pollination Management in Fruit Crops	11-04-2018	20	Nowshadbagh
Nutrient Deficiency Symptoms in Fruit Crops especially Cherry/Apple	17-05-2018	30	Zakura
Dem. On Shelf Life Extension of Seasonal Fruits (Cherry/Apricot)	07-06-2018	30	FPTC, SKUAST-K
Budding Techniques in Fruit Crops	30-07-2018	30	Faqirgujri
Grading, Packing and Handling of Fruits especially in Apple	30-07-2018	30	Faqirgujri
Pollination Management in Cucurbits & Training, Pruning & Staking in Tomato.	24-07-2018	15	Tokenwari and Noorbagh
Pre harvest Fruit Drop Management in Apple	06-09-2018	28	Ranbirgrah
Super High Density Plantation of Apple	08-09-2018	23	Shalimar
Awareness Programme on Climate Change in collaboration with NGO KE & SO	30-10-2018	70	KVK Campus
Orchard Sanitation	14-11-2018	22	Ranbirgrah
Canopy Management	21-11-2018	18	Ranbirgrah
Training & Pruning in Apple	24-11-2018	25	Zakura
Scientific Training and Pruning	07-12-2018 14-12-2018 26-12-2018	102	Balhama Ranbirgrah Shalimar

Scientific Training and Pruning of Fruit Crops	01-01-2019 02-01-2019 04-01-2019	82	Ranbirgrah Zakura SKUAST-K
Layout of High Density Apple Orchard	15-01-2019	20	SKUAST-K
Importance of Drip Irrigation in High Density Apple Orchard	16-01-2019	25	SKUAST-K
Raising of Quality Planting Material of Fruit Crops in Nurseries	19-02-2019	28	Khonmoh

Vegetable Science

Name of the Training Programme	**Date**	**No. of participants**	**Venue**
Practical Demonstration on Hybrid Seed Production in Vegetables	30-07-2018	14	SKUAST-K
Hybrid Seed Production of Solanacoius Vegetable Crops	30-07-2018	12	SKUAST-K

Soil Science

Name of the Training Programme	**Date**	**No. of participants**	**Venue**
Composting of Waste on Vegetable Farms	29-05-2018	25	Ranbirgrah
Manuring and Fertilizer Management of Flied Crops	12-06-2018	25	Khonmoh
Farm Waste Management	24-07-2018	15	Noorbagh
Application of Bio fertilizers in Peas	06-11-2018	22	KVK Campus
Demonstration on Soil Moisture Meter and its Uses	28-11-2018	30	Ranbirgrah
Kitchen and Farm Waste Composting	29-12-2018	26	SMC Srinagar
Method Demonstration on preparation of Vermicompost and Dal Weed Compost	31-12-2018	23	Shalimar
Composting of Agriculture Waste	29-12-2018	27	Ranbirgrah
Demonstration on Mridraprakishak Soil Testing Minilab	07-11-2018	25	KVK Campus
Importance of FYM, Green Manure, Enriched Compost and Vermi-Compost	01-01-2019	32	SKUAST-K
Agriculture and Animal Waste Management	01-01-2019	26	SKUAST-K
Proper Disposal of Household Waste	02-01-2019	26	SKUAST-K
Solid Waste Management with Effective Microorganism Technology to Kitchen Waste	03-01-2019	26	SKUAST-K
Awareness on recycling of Kitchen Waste into Compost	04-01-2019	26	SKUAST-K
Method Demonstration on Preparation of Dal Weed Compost	07-01-2019	32	SKUAST-K
Construction of Low Cost Vermicompost Unit	08-01-2019	25	SKUAST-K
Farm Waste Management	28-03-2019	20	Khonmoh

Home Science

Name of the Training Programme	Date	No. of participants	Venue
Health and Hygiene	17-04-2018	22	KVK Campus
Awareness Programme on Immunization, Health and Hygiene	12-05-2018	35	Check Khonmoh
Awareness Programme on Breast Feeding Week	11-08-2018	47	GGHS School Khotibagh
Awareness Programme on Nutritious Diet for Children	06-09-2018	30	Nishat/Telbal
Preparation of Low Cost Nutrition Recipes	08-09-2018	25	Nadergund
Demonstration of Mixed Vegetable Pickle	15-12-2018	18	KVK Campus
Vocational Training Programme on Cutting and Tailoring	12-01-2019	18	Ranbirgrah
Training Programme on Knol Khol Pickle Making	29-01-2019	20	KVK Campus
Value Addition of Vegetable making Knol Khol Pickle	16-05-2018	16	Gangbugh
Value Addition of Strawberry/Cherry Preserve	07-06-2018	23	PHT-SKUAST-K
Awareness Programme on Breast Feeding Week	07-08-2018	28	Noorbagh
Awareness Programme on Importance of Breastfeeding for Lacting Women	09-08-2018	16	Faqirgujri
Healthy Eating Habits	08-09-2018	20	Mujigund
Preservation of Apple Pickle/Pumpkin Preserve	23-10-2018	20	On Campus
Value addition/Preparation of Quince Apple Muraba	29-11-2018	30	Ranbirgrah
Cutting and Tailoring	10-12-2018	25	Ranbirgrah

Apiculture

Name of the Training Programme	Date	No. of participants	Venue
Importance of Migration in Beekeeping	23-09-2018	26	Faqirgujri
Winter Management & Migration of Honey Bees	10-11-2018	26	Faqirgujri
Winter Packing and Feeding of Honey bees	01-01-2019	22	Balhama
Importance of HMO/Diesel Oil Emulsion against the San Jose Scale	27-03-2019	24	Noorbagh
Scientific Rearing of Bees	29-03-2019	27	Balhama

Animal Science

Name of the Training Programme	Date	No. of participants	Venue
Nutritional Management of Dairy Cows	11-06-2018	23	KVK Campus
Awareness on Vaccination Schedules against Different Diseases in Dairy Cattle.	18-07-2018	20	Zainakote
Management of Sheep at Highland Pastures	10-08-2018	25	Sonmarg
Commercial Dairy Farming	24-09-2018	24	HMT Zainakote
Management of Backyard Poultry Birds	15-10-2018	30	KK Campus
Awareness Programme on Repeat Breeding	10-11-2018	32	Faqirgujri
Mastitis Prevention and Management.	15-11-2018	25	Zainakote
Residual Effect of Drugs in Milk & Meat	19-11-2018	25	Zainakote
Health Management of Backyard Poultry Birds during Winter	06-12-2018	18	Qamarwari
Formulation of enhanced Feed for Livestock	24-12-2018	24	Guzarbal
Disease Management of Backyard Poultry Birds during Winter Months	20-01-2019	15	HMT
Preparation of Cattle Feed using locally available Feed Ingredients.	08-01-2019	14	Gulabagh
Importance of Duck Rearing Supplementing Farm Income	01-02-2019	16	Anchar
Clean Milk Production	18-02-2019	18	Telbel
Cleaning and Sanitation of Animal Sheds	21-02-2019	22	Telbel
Commercial Poultry Farming	30-08-2018	24	Ranbirgrah
Importance of Sanitation and Cleaning of Animal Sheds	26-12-2018	23	Ranbirgrah

Farmers Training on Diesel Oil Emulsion at village Tailbel on 14-08-2018

Trainings imparted to rural youth on vermi-composting at SKUAST-K and Shunglipora

Value addition of Fruits (Quince Muraba Making) conducted on 29-11-2018 at village Ranbirgrah

13. In-Service Training Programmes

Name of the Training Programme	Date	No. of participants	Venue
Care and Management of Pregnant Animals	28-05-2018	26	(KVK Campus)
Update on Foot and Mouth Disease FMD	27-06-2018	17	(KVK Campus)
Preparation Low Cost Traps against Fruit Fly in Cucurbits	30-07-2018	31	(KVK Campus)
Soil Test Based INM & Site Specific Nutrient Management	30-07-2018	25	(KVK Campus)
Soil and Fertility Conservation in Site to Preserve Fertility.	30-07-2018	26	(KVK Campus)
Practical Demonstration on Hybrid Seed Production in Vegetables	31-07-2018	15	(SKUAST-K)
Awareness Programme on Breast Feeding Week	01-08-2018	30	(KVK Campus)
Preservation/Making of Tomato Puree and Tomato Sauce	14-08-2018	23	(Canning Center Lal Mandi)
Demonstration on Low Cost Recipe for Pregnant Women	01-08-2018	24	(KVK Campus)
Capacity Building Programme on Current Perspectives in Nutrition	04-09-2018	100	(DC Office)
Scientific Training & Pruning of Fruit Crops	12-02-2019	30	(Conference Hall Lal Mandi)
Livelihood Security through Sustainable Agriculture, Livestock Husbandry & Allied Sectors	25-02-2019 to 17-03-2019	65	(Govt. Degree Colleague Baramulla)

Training Programme for In-service Participants on Foot and Mouth Disease on 27-06-2018 at KVK Campus

Training Programme for Paravets from AHD/SHD on Care & Management of Pregnant & Lactating Cows on 28-05-218

14. Other Extension Activities

Name of Training Programme	No. of Trainings	No. of Participants
Exposure visits of Farmers	19	959
Animal Camps/Plant Camps	01	48
Field Day/ Kisan Goshtis	02	55
Other Result/Method Demonstration	35	986
Extension Literature distributed	06	747
Lecture delivered	48	1406
Film Show	36	0
Farmer scientist interaction	27	530
TV Talks/ Radio Talks	43	0
Paper/articles/Pamphlets/ Reports	21	0
Press releases/CDs	08	0
Soil Health Day	01	110
Swachta Hi Seva	02	216
National Nutrition Week	01	36
Breastfeeding	01	110
Mahila Kisan Divas	01	76
Seed Mela/Exhibition	01	150
SAC Meeting	01	40
Vigilance Awareness Week	01	32
Prime Ministers Telecast Programmes	04	205
Scientists Visit to KVK	192	1124
Farmers Visit to KVK	160	808

15. Important Events

1) The 14th Scientific Advisory Committee Meeting of Krishi Vigyan Kendra Srinagar was held on 24-04-2018 at KVK Campus under the chairmanship of Hon'ble Vice-Chancellor, SKUAST-Kashmir, Prof. Nazir Ahmad. Besides KVK staff, the meeting was attended by Prof. Sheikh Muzaffar Ahmad, Associate Director Extension, Associate Director Research MRCFC Khudwani, Deputy Director I&P, Sr. Extension Specialist Directorate of Extension, officers of line departments and progressive farmers of the district. Sr. Scientist cum Head, Dr. Rekhi Singh presented the Annual Progress Report 2017-2018 and Annual Action Plan 2018-2019. The Hon'ble Vice-Chancellor, SKUAST-Kashmir stressed on taking need based technologies to farmer's field and making them aware about integrated farming system to double their income. The officers of line departments and progressive farmers interacted with the scientists and appreciated the efforts of KVK for the farming community. On the occasion the Hon'ble Vice Chancellor released 6 publications on different crops.

2) Kendra organized interactive programme of Hon'ble Prime Minster of India with farmers through telecast on DD National Channel on 20.06.2018 at KVK Campus. The programme had started at 9:30 AM in which more than 150 Progressive/Farm women participated and got aware by the live telecast programme.

3) Kendra organized interaction programme of Hon'ble Prime Minster of India with Self Help Groups and Women Farmers through telecast on DD National Channel on 12.07.2018 at KVK Campus. The programme had started at 9:30 AM in which more than 85 Women Farmers participated and got awareness from live telecast programme.

4) Kendra Celebrated International Breastfeeding Week w.e.f 1st August to 11th of August 2018 at village Faqirgujri, Noorbagh and Govt. Girls Higher Secondary School Khotibagh and KVK Campus. The SMS (Home Science) demonstrate various No. of awareness programmes and other relevant information to Aganwari Supervisors, Rural girls, Colleague students and Pregnant/Lactating mothers. On this occasion, leaflets and pamphlets were distributed among the participants

5) Kendra Celebrated Swatchhta Hi Sewa programme w.e.f 15th of September to 2nd of October 2018 at various places of the district. On this occasion, various awareness programmes were conducted. KVK also celebrated National Nutrition Week on 05-09-2018 at village Noorbagh and Shounglipora in which 32 Aaganwari/Supervisors participated.

18-09-2018: An initiative was taken to clean KVK Srinagar premises under the patronage of Programme Coordinator with students from Faculty of Horticulture; SKUAST-K under Rural Horticulture Work Experience also participated fervently in this activity.

19-09-2018: A school rally was conducted in the Govt. Middle School Nadergund, Peerbagh. Students were apprised about the Swachhta Hi Sewa Mission 2018. Placards with slogans on cleanliness were chanted aloud by students. The cleanliness drive of the school campus was also undertaken by the students followed by compulsory hand wash. A rally for the same cause was also undertaken at the Campus. 40 students and 15 teachers participated along with seven KVKs scientists.

26-09-2018: Under Swatchhta Hi Sewa programme, writing on walls/gates of KVK Srinagar in Urdu and English was displayed for general awareness of public visiting KVK.

6. Kendra Celebrated Essay Competition on Swatchhta Hi Sewa programme on 3rd of October 2018 at Govt. Higher Secondary School Humhama in which more than 50 students showed their interest in the programme.
7. Kendra organized celebrations of Mahila Kisan Divas activities on 15-10-2018 at KVK Campus which covers lectures through PPT on women empowerment. Nutrition from different enterprises debate and drawing competition & exhibition of KVK technologies.

8. An awareness programme on Climate Change was organized today on 30-10-2018 by KVK Srinagar in collaboration with NGO "Kashmir Environmental and Social Organization, with Division of Environmental Sciences and Division of Agronomy, SKUAST-K. Mr. Sonam Lotus, Director Meteorological Department, Govt. of India as chief guest in which more than 100 farmers from different villages of district Srinagar participated.

9. Kendra celebrated Vigilance Awareness Week w.e.f 29th of October to 3rd of November 2018 at Govt. Primary School, Nadergund. Two interaction programmes were conducted in the said event, one for school teachers and the other for local population of the area. The teachers, students and the citizens of the said area pledged to refrain from corruption in any manner

10. Krishi Vigyan Kendra Srinagar organized "World Soil Day" today on 5th of December, 2018 in collaboration with Division of Soil Science, Directorate of Extension SKUAST-K and IFFCO fertilizers India Ltd. 75 farmers from different villages of district Srinagar and 30 Students from Faculty of Horticulture SKUAST-K participated in the event. The Programme started with address of Dr Rekhi Singh, Senior Scientist and Head who stressed on the need of maintenance of Soil health, causes of soil pollution and measures to maintain soil fertility for better crops which are in turn important for better human health. Dr Javid Ahmad, HOD, Soil Science also spoke on the occasion, he highlighted the different measures and recommendations undertaken by the Division of Soil Science on the ill effects of soil pollution and suggested various measures to control the soil pollution.

11. Kissan Divas was organized by this Kendra on 23-12-2018 at KVK Campus in which 43 farmers, students and employees participated. The farmers were made aware of various programmes of KVK in which scientists from different disciplines interacted with them. The on spot solutions/answers to questions po by them were provided. At the end fertilizers kits were distributed among the farmers.

12. Kendra organized Swachhta Pakkwada w.e.f 16-31 December 2018 at various locations of the district in which date wise Action Plan activities were conducted in the said event.

Celebration of Kissan Divas at KVK Campus on 23-12-2018

Organization of Swachhta Pakkwada w.e.f 16-31 December 2018

13. Kendra organized 07 days vocational training programme on “Scientific Training and Pruning of Fruit Crops” w.e.f. (3Ist December 2018 to 8th January 2019) in collaboration with Department of Horticulture, Division of Fruit Science and Faculty of Horticulture SKUAST-K Shalimar at villages of Ranbirgrah, Zakura in which 82 farmers got benefitted.

14. KVK organized one month vocational training programme on Cutting and Tailoring at village Ranbirgrah which started on 12th of January 2019 in which 18 farm women/girls participated. 03 days training programme was also organized by this Kendra at KVK Campus tiltled on “Knol Khol Pickle Making” on 29-01-2019 in which 20 farm women/girls got awareness about this.

“Scientific Training and Pruning of Fruit Crops”

“Cutting and Tailoring”

“Knol Khol Pickle Making”

15. Kendra organized Pre Rabi Campaign on 5th of December 2018 at KVK Campus in 105 progressive farmers and 19 extension personnel's participated in the said programme.