PROGRESS REPORT FOR THE YEAR 2024-2025

Profile of KVK Srinagar

Address	Telephone		E mail
KVK Srinagar (Near Railway Bridge Humhama, Nambli Narkara, Nadergund)	Office	FAX	
	9149602036	-	**kvksrinagar786@gmail.com**

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-190025	01942464028	-	vc@skuastkashmir.ac.in deeskuastk@gmail.com

Name of the KVK Head with phone, mobile No & e-mail

Name	Telephone / Contact		
Dr. Shamim A. Simnani	Residence	Mobile	Email
	Qasbayar, Rajpora Pulwama	9149602036	drsimnani@skuastkashmir.ac.in

Year of sanction: 2002-2003

Total land with KVK (water logged/Marshy) : 19.35 ha
Cultivable Land (Filled with fertile soil) : 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	0.125
5.	Others (Wetland)	18.85

District Srinagar at Glance

S. No	Particulars	Magnitude	Source
01	Total geographical area of the district	1979 kms	Statical Handbook
02	Cultivable area (Irrigated/un-irrigated)	9411 ha (7042 ha/2369 ha	Statical Handbook

03	Uncultivable area	3919 ha				Statical Handbook
04	No. and names of Tehsils/Blocks/Panchayat Halqa's/Villages	Tehsils	Blocks	Halqa's	Villages	Statical Handbook
		07	04	21	183	DPO
05	No. and names of municipal wards					

Tehsil Details

S. No	Name of the Tehsil
01	Srinagar South
02	Eidgah
03	Srinagar North
04	Panthachowk
05	Shalteng Central
06	Chanapora
07	Khanyar

Block Details

S. No	Name of the Block
01	Qamarwari
02	Harwan
03	Srinagar
04	Khonmoh

S. No	Name of the Village	Panchayat	Block
01	Dara	Dara-A	Harwan
	Dara	Dara-B	Harwan
02	Faqirgujri	Faqirgujri A	Harwan
	Faqirgujri	Faqirgujri B	Harwan
03	Muftibagh	Gundthal	Harwan
04	Murinderbagh	Gundthal	Harwan
	Murinderbagh	Saidpora	Harwan
05	Khimber	Khimber	Harwan
06	Takiya Sangreshi	Khimber	Harwan
07	Mulnar	New Theed A	Harwan
08	Theed	New Theed A	Harwan
	Theed	New Theed B	Harwan
09	Darbagh	Saidpora	Harwan
10	Saidpora Bala	Saidpora	Harwan
11	Balhama	Balhama A	Khonmoh
	Balhama	Balhama B	Khonmoh
12	Khonmoh	Khonmoh A	Khonmoh
	Khonmoh	Khonmoh B	Khonmoh
	Khonmoh	Khonmoh C	Khonmoh
13	Panzinara	Panzinara A	Qamarwari
	Panzinara	Panzinara B	Qamarwari
14	Lasjan	Lasjan A	Srinagar
	Lasjan	Lasjan B	Srinagar
15	Nowgam	Nowgam A	Srinagar
	Nowgam	Nowgam B	Srinagar

16	Soiteng	Soiteng	Srinagar

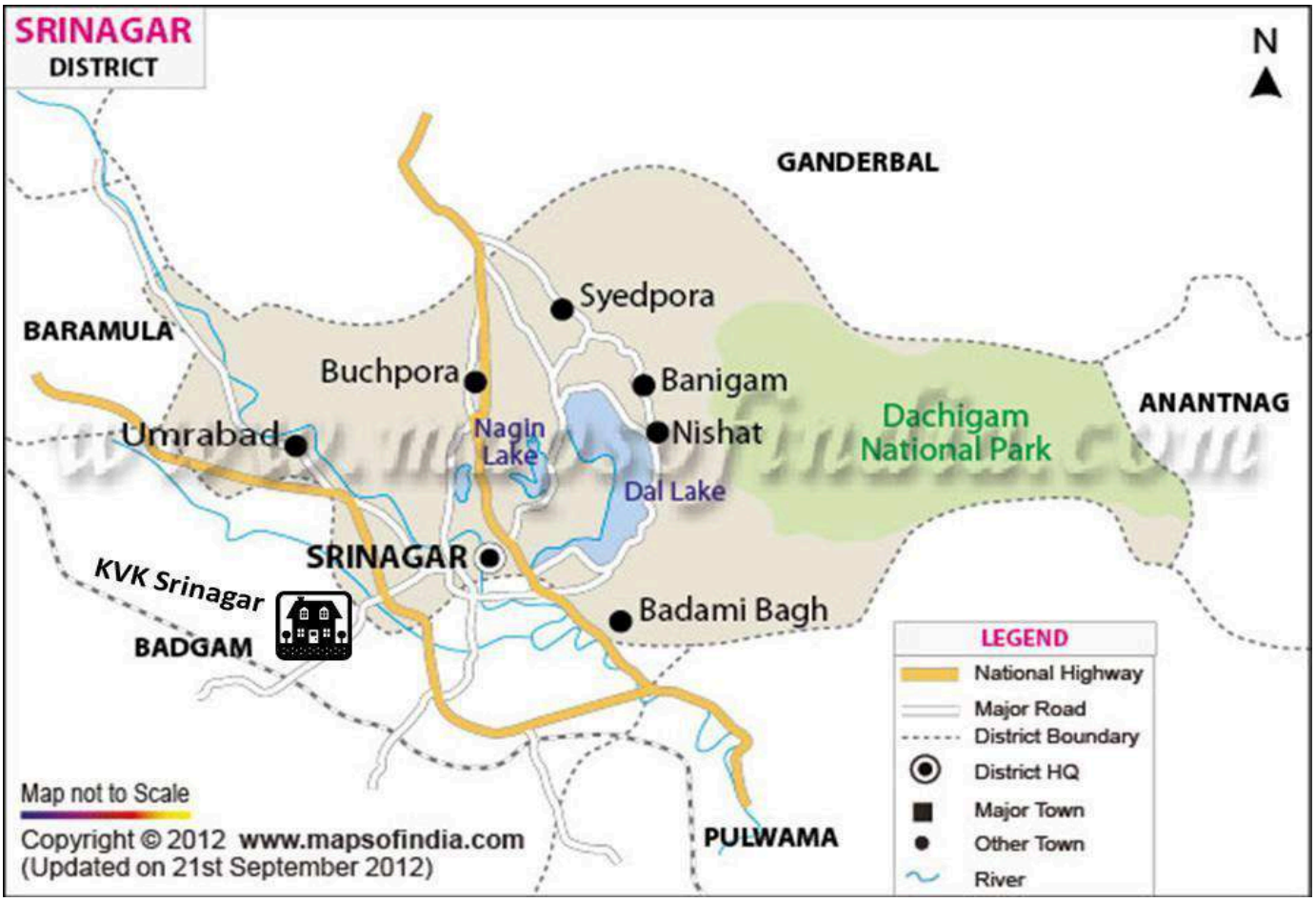
As per census 2011, there are only 11 villages but 137 at present as reported by CPO Srinagar

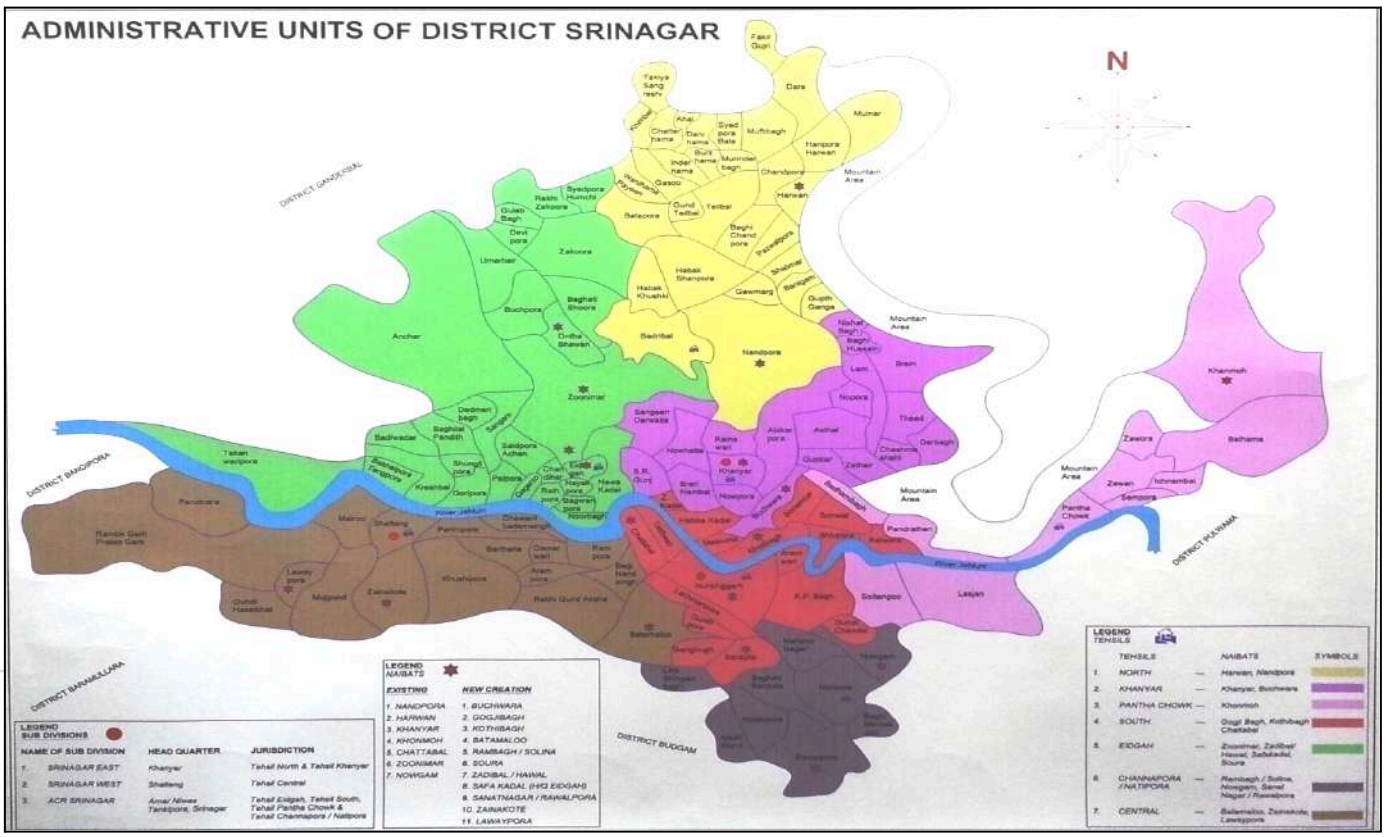
List of Municipal Wards

S. No	Name of the Ward	S. No	Name of the Ward	S. No	Name of the Ward
01	Harwan (W-1)	13	Bagh Barzulla (W-13)	25	Qamarwari (W-25)
02	Nishat (W-2)	14	Rawalpora (W-14)	26	Bemina East (W-26)
03	Brane (W-3)	15	Hyderpora (W-15)	27	Bemina West (W-27)
04	Dalgate (W-4)	16	Humhama (W-16)	28	Nund Reshi Colony (W-28)
05	Pantha Chowk (W-5)	17	Hamdania Colony (W-17)	29	Parimpora (W-29)
06	Lalchowk (W-6)	18	Solina (W-18)	30	Zainakote (W-30)
07	Rajbagh (W-7)	19	Alochi Bagh (W-19)	31	Lawaypora (W-31)
08	Ikhrajpora (W-8)	20	Sheikh Dawood Colony (W-20)	32	Mujgund (W-32)
09	Mehjoor Nagar (W-9)	21	Ziyarat Batamaloo (W-21)	33	Tankipora (W-33)
10	Natipora (W-10)	22	Shhaeed Gunj (W-22)	34	SyedAli Akbar (W-34)
11	Chanapora (W-11)	23	Karan Nagar (W-23)	35	Basant Bagh (W-35)
12	Budshah Nagar (W-12)	24	Chattabal (W-24)	36	Fateh Kadal (W-36)

S. No	Name of the Ward	S. No	Name of the Ward	S. No	Name of the Ward
37	Munawarabad (W-37)	50	Rathpora (W-50)	63	Kathi Darwaza (63)
38	Khanigah-E-Mula (W-38)	51	Iddgah (W-51)	64	Locut Dal (W-64)
39	Mahraj Gunj (W-39)	52	Pallapora (W-52)	65	Bud Dal (65)
40	Jamia Masjid (W-40)	53	Tarabal (W-53)	66	Hazratbal (W-66)
41	Makhdoom Sahab (W-41)	54	Kawdara (W-54)	67	Tailbal (W-67)
42	Khawja Bazar (W-42)	55	Hawal (W-5)	68	Habbak (W-68)
43	Aaqilmeer (W-43)	56	Alamgiri Bazar (W-56)	69	Soura (W-69)
44	Rozbal (W-44)	57	Gil Kadal (W-57)	70	Buchpora (W-70)
45	Daulatbad (W-45	58	Nowshera (W-58)	71	Ahmad Nagar (W-71)
46	Islam Yarbal (W-46)	59	Lal Bazar (W-59)	72	Zakura (W-72)
47	Nawab Bazar (W-47)	60	Butshah Mohalla (W60)	73	Chatterhama (W-73)

48	Nawa Kadal (W-41)	61	Umer Colony (W-61)	74	Baghi-Mehtab (W-74)
49	Safa Kadal (W-49)	62	Jogi Lankar (W-62)		





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

S. No	Crop	Area (ha)	Production (MT)	Source
1.	Fresh Fruit:-Apple, Pear, Cherry, Plum, Apricot, Strawberry	2613	23327	Department of Horticulture-Kashmir (2021-22)
2.	Dry Fruit	477	3091	
3.	Rice	3400	0.587	Department of Agriculture-Kashmir (2021-22)
4.	Maize	450	0.059	
5.	Oilseed	434	0.588	
6.	Vegetable	2500	65169	
7.	Fodders	284	1.776	
8.	Floriculture	46.04	-	Department of Horticulture-Kashmir (2021-22)

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)	Lawaypora Mirgund 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 availability 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 Nishaat Gupkar Khanyar S Zakura, Gulab Bagh Ahmad Nagar Buchpora Mallabagh Saderbal Lalbazar Nigeen East Nigeen West Dargah	Poultry Cattle Apple, Pear, Paddy Maize. Vegetables Saffron Almond Cherry Fisheries Nadroo. Craft. Apple Pomegranate Pear Quince Fisheries Mushroom Sheep Medicinal plants Nadroo Poultry	Collar rot, root rot, Papery bark, Blast brown spot, Non availability of quality seed Insect pests, Anar butterfly	Imparting Trainings on disease and nutrient management, Laying FLD's. Training and pruning of fruit trees. Vocational training's 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 training's, 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

Priority thrust areas

Crop/Enterprise	Thrust area
Paddy and Vegetables	Seed replacement and Integrated Crop Management
Vegetable Crops	Introduction and popularizing of HYVs and INM Popularization of Exotic Vegetables Development of Peri-urban agriculture

	• Off-season vegetable cultivation under protected conditions. • Nutrition Kitchen gardening.
Temperate Fruit Crops **Apple** **Grapes** **Cherry** **Kiwi**	• Pollination management, Canopy management & plant architecture. • Promotion of high density plantation • Crop Diversification • IDM, INM and promotion of organics and natural farming
Floriculture	• Nursery management • Cut flower Production • Vertical gardening for urban/sub-urban areas
Poultry and Dairy	• Profitable and commercial dairy and poultry farming.
Home Science	• Balanced Diet • Drudgery reduction • Formation of self help group (SHG) • Vocational training
Capacity Building	• Emphasis on Argo-based Income generating activities for mitigation of rural unemployment.
Soil and Water Conservation	• Awareness on Natural Resource conservation, environmental protection and efficient resource management. • Special emphasis on Dal and Anchor Lakes and Hill areas.

Technology Intervention

- Rejuvenation of senile orchards

- Promotion of HDP orcharding systems
- Integrated management of disease and pest of fruit/vegetable/cereal crops
- Introduction and popularization of SKUAST-K released varieties.
- Commercial cultivation of vegetable/flowers in Peri-urban areas.
- Organic farming
- Promotion of vertical gardening for floriculture/vegetable crops
- Integrated farming system approach.
- Value addition in fruits and vegetables.

Staff Position

Sl. No.	Sanctioned post	Filled	Vacant
01	Sr. Scientist (Associate Professor)	**01**	**00**
02	Subject Matter Specialist	**06**	**00**
03	Programme Assistant	**01**	**01**
04	Programme Assistant (Computer)	**01**	**00**
05	Accountant/ Superintendent	**01**	**00**
06	Steno	**01**	**00**
07	Drivers	**01**	**01**
08	Supporting staff 1 (Cook)	**01**	**00**
09	Supporting staff 2 (Gardner)	**01**	**00**
	Total	**14**	**02**

Action Taken Report of 20th SAC Meeting conducted on 25-06-2024

Salient Recommendations	Action taken
To undertake a comprehensive soil profiling and soil mapping of the district in addition to the soil zonation at Panchayat, Block and Zonal level to make location specific nutrient management recommendations for enhancing farmer's income.	As per the assigned task, soil profiling and mapping were conducted across 78 geo referenced sites covering all the blocks of district Srinagar using standard sampling protocols. The analysis revealed high organic carbon across the district and medium to high available nitrogen. Acidic pH was observed at certain locations. A notable potassium deficiency was identified in several areas. The data will aid in location-specific nutrient recommendations to enhance farmers income
Each KVK to publish and display a well labeled Lab Brochure depicting the analytical facilities available	A detailed and well-structured laboratory brochure has been prepared, outlining the analytical capabilities of the soil testing laboratory, including instrument specifications, analytical parameters (Soil pH, EC, OC, available NPK etc.), and standard methodologies followed. The brochure is designed for display at the laboratory entrance to ensure visibility to stakeholders and facilitate awareness regarding the laboratory's functional infrastructure and services.
Make the existing soil analytical Lab operational and maintenance of the log book of each equipment/tool which shall be the indicator of functioning of each equipment.	To enhance the operational capacity of the soil analytical laboratory, multiple instruments have been received under HADP. The critical components viz; water and Electric supply has been addressed to make the lab operational.The basic analytical apparatus like Kjeldahl and Spectrophotometer are lacking. The intend for the same has been submitted to HADP Project No. 20.
The number of soil samples analysed and the revenue generated per month shall be the guiding indicators for the performance of the soil scientist. Further the chair advised to charge nominal fee for soil analysis of Farmer samples to meet repair and maintenance exigency.	Due to ongoing infrastructural constraints, the soil analytical facility at KVK Srinagar is not yet fully functional. Consequently, soil samples collected under KVK activities are currently being analyzed at the Soil Testing Laboratory, Division of Soil Science. In District Srinagar, farmers generally avail soil testing services through the Soil Health Card Scheme facilitated by the Department of Agriculture and Farmers Welfare, which offers analysis free of cost. As advised, nominal user charges for soil testing at KVK will be considered only after the laboratory becomes fully operational and self-sustaining.
Make all demo units functional round the year at respective campuses.	The KVK has strengthened the exiting demo units and striving hard to make them commercially sustainable and economically viable.
Popularization of Vertical gardening in respect of KVK Srinagar being located in urbanized area.	❖ To popularize vertical gardening in the district Srinagar, Kendra laid 12 no. of FLDs at various locations representing different Blocks (03 in each Block). ❖ Kendra organized 04 awareness programmes/camps to popularize vertical gardening. ❖ Carried skill development for rural youth (STRY) on floriculture and its role in entrepreneurship development during the year 2024.
To carryout impact analysis of Skill Training's in the shape of success stories	09 number of trainees have established their commercial enterprizes under Skill India Mission.

S. No	Entrepreneur /Unit	Enterprise	Year of Establishment	Gross Returns (Lacs)
01	Graceful Givings	Craft	2024	2.5
02	New Lucky Nurseries	Floriculture/Vegetable Seedlings	2023	3.5 - 4.5
03	Afzal Poultry	Poultry/Duckery	2024	13.5
04	Rakim Royals	Floriculture/Crafts/ Landscaping	2024	
05	Al Infaq	Food Processing	2023	
06	Foodly	Mushroom	2024	62.25
07	Sohail Hajam	Apiculture	2024	
08	M. Muzamil Rather	Dairy	2024	
09	Dar Poultry	Poultry and Feeds	2023	20.5

In response to a query from Dairy holders; Director Extension advised the animal scientist to layout latest recommendation based OFTs/FLDs on Mastitis and repeat breeding.	❖ To address the mastitis problem in dairy cows, Teat dip for prevention of mastitis in dairy cattle was taken as FLD. ❖ To address the repeat breading problems in dairy cattle mineral mixture supplements were distributed among the dairy farmers during animal clinical camps.
Director Extension, further underscored the need to make strong efforts towards transforming our growers as Champion farmers.	During the period, the Kendra conducted several Skill Entrepreneurship Development Programmes in collaboration with Defence Forces, Higher Education Institutions, SGH, FPOs and Rural/Urban Youth to provide technological backstopping and skill oriented certificate courses to make them self reliant to ensure their livelihood and economic security.

DETAILS OF ACHIEVEMENTS OF MANDATORY ACTIVITIES BY KVK DURING 2024-25

OFT				FLD (including CFLD on Oil Seeds)			
A				B			
Number of OFTs		*Number of farmers*		*Area under FLDs*		*Number of farmers*	
Targets	*Achievement*	*Targets*	*Achievement*	*Targets*	*Achievement*	*Targets*	*Achievement*
10	10	42	42	50.0	55.6	200	221

Training	Other Extension Activities

(Practicing Farmers + Rural Youth + In-service)							
C				D			
Number of Courses		*Number of Participants*		*Number of Programmes*		*Number of participants*	
Targets	*Achievement*	*Targets*	*Achievement*	*Targets*	*Achievement*	*Targets*	*Achievement*
75	81	2500	2597	600	656	10000	12187
	60+20+1		2102+630+20				

On Farm Trails laid during 2024-25

S. No	Title of the OFT	Locations (No.)	Beneficiaries (No.)
01	Management of pre-harvest fruit drop in apple by the use of PGRs cv. Red Delicious and American Apirouge.	03	09
02	Pre-harvest application of nutrients for improvement of fruit quality and storage.	03	09
03	Scientific approach for the propagation of geranium pot plants	03	03
04	Scientific approach for transplanting annual seedlings (Hybrid) into polybags	03	03
05	Evaluating the Efficiency of Natural Farming Practices in leafy vegetables	03	03
06	Soil test based fertilizer application in rice	03	03
07	Effect of number of seedling/hill on growth and yield of transplanted rice in lowlands of District Srinagar	03	03
08	Preparation of green chilli powder	03	03
09	Effect of edible coating on post-harvest quality of Capsicum at ambient storage	03	03

10	Impact of feeding creep ration on the performance of lambs	03	03

On-Farm Trials 2024-2025

OFT-1: Management of pre-harvest fruit drop in apple by the use of PGRs cv. Red Delicious and American Apirouge.

1	Title	Management of pre-harvest fruit drop in apple by the use of PGRs cv. Red Delicious and American Apirouge
2	Problem Diagnose/defined	Excessive fruit drop Lower marketable yield
3	Details of technologies selected for assessment/refinement	T0: Farmers Practice T1:Application of NAA @ 10 ppm about 20 days before anticipatory harvest.
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	Apple
7	Performance of the Technology with performance indicators	Decreased fruit drop significantly
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Working well under selected growing area
10	Process of farmer's participation and their reaction	Positive response

Results of On Farm Trials

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
Apple	Darbagh, Khanmoh and Zakura	Excessive fruit drop, lower yields	Management of preharvest fruit drop in apple by the use of PGRs cv. Red Delicious and American Apirouge	03	Application of NAA @ 10 ppm about 20 days before anticipatory harvest	Fruit drop Productivity Economics	Fruit Drop T0: 32% T1: 7% Productivity T0: 11.5t/ha T1: 15.4t/ha BC ratio T0: 1.98 T1: 2.32	Fruit drop percentage= 7% Increase in productivity = 34% BC ratio reached from 1.98 to 2.32	Satisfied

OFT-2: Pre-harvest application of nutrients for improvement of fruit quality and storage.

1	Title	Pre-harvest application of nutrients for improvement of fruit quality and storage.
2	Problem Diagnose/defined	Inferior fruit quality and less shelf life
3	Details of technologies selected for assessment/refinement	T0= Farmers Practice T1 = Three foliar spray of Calcium @ 0.3% + Boron (0.1%) First Spray= 21 days after petal fall 2nd Spray= 21 days after 1st Spray 3rd Spray= 5 g/ liter, 30 days before expected harvest
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	apple
7	Performance of the Technology with performance indicators	Improved fruit quality significantly
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Working well under selected growing area
10	Process of farmer's participation and their reaction	Positive response
11	Yield improvement	35% over control
12	A-grade % improvement	28% over control
13	Economics (B:C ratio)	2.25

Results of On Farm Trials

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
Apple	Darbagh, Khanmoh and Zakura	Inferior fruit quality and less shelf life	Pre-harvest application of nutrients for improvement of fruit quality and storage	03	T0= Farmers Practice T1 = Three foliar spray of Calcium @ 0.3% + Boron (0.1%) First Spray= 21 days after petal fall 2nd Spray= 21 days after 1st Spray 3rd Spray= 5 g/ liter, 30 days before expected harvest	Fruit quality Shelf life in days	A grade %: T0= 42.8 T1= 67.5 Shelf-life (days): T0= 13 T1= 22	% improvement of A grade apple in T1 by 24.7% over T0 Shelf-life extended by 9 days over T0.	Satisfied

OFT-3: Scientific approach for the propagation of geranium pot plants.

1	Title	Scientific approach for the propagation of geranium pot plants.
2	Problem Diagnose/defined	Unscientific approach towards media and type of cutting used
3	Details of technologies selected for assessment/refinement	Farmer practice:- T0:-Use of Soil media and non herbaceous cutting T1 : Use of herbaceous cuttings (20 days old) in soilless media (Cocopeat 2 parts: Vermiculite 1 part: Perlite 1 part)
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	Geranium
7	Performance of the Technology with performance indicators	Propagation coefficient %
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Non availability of potting mixture
10	Process of farmer's participation and their reaction	Positive response

Results of On Farm Trials

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
Flowers	Irrigated	Unscientific approach towards media and type of cutting used	Scientific approach for the propagation of geranium pot plants.	03	Farmer practice:- T0:-Use of Soil media and non herbaceous cutting T1 : Use of herbaceous cuttings (20 days old) in soil less media (Cocopeat 2 parts: Vermiculite 1 part: Perlite 1 part)	Propagation coefficient %	T0 : 32% T1: 85.0%	T1 Increased propagation coefficient by 155%	Satis-fied

OFT-4: Scientific approach for transplanting annual seedlings (Pansy, Snapdragon & Gazania) into polybags.

Results of On Farm Trials

1	Title	Scientific approach for transplanting an seedlings (Pansy, Snapdragon & Gazania) polybags
2	Problem Diagnose/defined	Mortality above economic threshold level
3	Details of technologies selected for assessment/refinement	Farmer practice:- T0:-Use of poor soil media and aged seedli T1 : Optimum aged seedling (20 days ol rich soil media (2 parts soil: 1 part VC a part sand)
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	Annual seedlings (Pansy, Snapdragon Gazania)
7	Performance of the Technology with performance indicators	Success and mortality %age after transplan
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Identification of hybrids at seedling stage
10	Process of farmer's participation and their reaction	Positive response

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

Annual seedlings (Pansy, Snapdragon & Gazania)	Irrigated	Mortality above economic threshold level	Scientific approach for transplanting annual seedlings (Pansy, Snapdragon & Gazania) into polybags	03	T0:-Use of poor soil media and aged seedlings T1 : Optimum aged seedling (20 days old) in rich soil media (2 parts soil: 1 part VC and 1 part sand)	Success and mortality %age after transplanting	Mortality %age: T0= 45 T1= 18 Success %age: T0= 55 T1= 82	Decreased mortality by 150%. Where as success increased by 49.09%	Satisfied

OFT-5: Evaluating the Efficiency of Natural Farming Practices in leafy vegetables.

1	Title	Evaluating the Efficiency of Natural Farming Practices in leafy vegetables.
2	Problem Diagnose/defined	Deteriorated Soil Health More cost of cultivation Ill effects of Inorganic fertilizers
3	Details of technologies selected for assessment/refinement	T1: Farmers Practice T2: Waaphasa + Beejamrita + Jeevamrita +Agniastra
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	Leafy vegetables
7	Performance of the Technology with performance indicators	Soil and Yield Parameters and Economics
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Quality & yield maintenance under natural farming conditions
10	Process of farmer's participation and their reaction	Positive response

Results of On Farm Trials

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
Leafy vegetables	Irrigated	Deteriorated Soil Health More cost of cultivation Ill effects of Inorganic fertilizers	Evaluating the Efficiency of Natural Farming Practices in leafy vegetables	03	T1: Farmers Practice T2: Waaphasa + Beejamrita + Jeevamrita +Agniastra	Soil Yield Parameters Economics	Yield/ ha (qtls): T0= 53.6 T1= 41.8 BC ratio: T0= 3.24 T1= 2.69 SFI: T0= 69.4 T1= 78.3	T1 decreased the yield by 22% over T0	Satisfied

OFT-6: Soil test based fertilizer application in rice.

1	Title	Soil test based fertilizer application in rice.
2	Problem Diagnose/defined	Low yield
3	Details of technologies selected for assessment/refinement	T1: Farmers Practice T2: Soil Test Crop Response based fertilizer application
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	Rice
7	Performance of the Technology with performance indicators	Pre & Post Soil analysis Yield
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Cost effective soil testing kit
10	Process of farmer's participation and their reaction	Positive response

Results of On Farm Trials

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
Rice	Irrigated	Low yield	Soil test based fertilizer application in rice	03	T1:Farmers Practice T2: Soil Test Crop Response based fertilizer application	Pre & Post Soil analysis Yield	Yield/ ha (qtls): T0= 54.6 T1= 71.5 BC ratio: T0= 1.32 T1= 1.74	T1 improved yield by 30.95% over T0	Satisfied

OFT-7: Effect of number of seedling/hill on growth and yield of transplanted rice in lowlands of District Srinagar.

1	Title	Effect of number of seedling/hill on growth and yield of transplanted rice in lowlands of District Srinagar.
2	Problem Diagnose/defined	Irrational number of seedlings
3	Details of technologies selected for assessment/refinement	T0: Farmers Practice (>8) T1: 2-3 seedling per hill
4	Source of technology	SKUAST-K
5	Production system thematic area	Production constraint
6	Thematic area	Rice
7	Performance of the Technology with performance indicators	Yield and BCR
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Positive response

Results of On Farm Trials

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
Rice	Irrigated	Irrational number of seedlings	Effect of number of seedling/hill on growth and yield of transplanted rice in lowlands of District Srinagar.	03	T1: Farmers Practice (>8) T2: University Recommendations 2-3 seedling per hill	Yield and BCR	Yield/ ha (qtls): T0= 51.8 T1= 73.5 BC ratio: T0= 1.32 T1= 1.84	T1 Improved yield by 41% over T0	Satisfied

OFT-8: Preparation of green chilli powder.

1	Title	Preparation of green chilli powder.
2	Problem Diagnose/defined	Poor Shelf Life Value Addition
3	Details of technologies selected for assessment/refinement	T0: Farmer's Practice T1:Destaking, washing, blanching + dipping in sodium chloride solution (2%) for 2–3 h, followed by solar drying to reduce the moisture content to less than 10% and grinding
4	Source of technology	SKUAST-K
5	Production system thematic area	Value addition
6	Thematic area	Chilli
7	Performance of the Technology with performance indicators	Colour retention, preservation of nutrients
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	The dried green chilli pieces were ground and the powder was stored in airtight container upto 8–10 months at room temperature (22–30°C) without loss of green colour, nutrients and sensory attributes
10	Process of farmer's participation and their reaction	Farmers showed a good response and were satisfied with the technology

Results of On Farm Trials

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
Chilli	Irrigated	Poor Shelf Life and no value addition	Preparation of green chilli powder.	03	T0: Farmer's Practice (No value addition) T1:Destaking, washing, blanching + dipping in sodium chloride solution (2%) for 2–3 h at 40–50°C, followed by drying at 50–60°C for 8–10 h to reduce the moisture content to less than 2%.	**Ascorbic acid (%)** Before Drying: 7.88 After Drying: 2.80 **Chlorophyll Content(mg/100g)** Before Drying: 1.25 After Drying: 1.125 **Capcasin content (µg/g)** Before Drying: 128.5 After Drying: 105.37	-	The dried green chilli pieces were ground and the powder was stored in airtight container upto 8–10 months at room temperature (22–30°C) without loss of green colour, nutrients and sensory attributes	Farmers showed a good response and were satisfied with the technology

OFT-9: Effect of edible coating on post harvest quality of Capsicum at ambient storage.

1	Title	Effect of edible coating on post-harvest quality of Capsicum at ambient storage.
2	Problem Diagnose/defined	Shrinking of Capsicum during storage
3	Details of technologies selected for assessment/refinement	T0: Farmer's Practice T1: Dipping of Capsicum in 1% chitosan solution for 3 mins, air dried and stored in plastic crates
4	Source of technology	SKUAST-K
5	Production system thematic area	Storage
6	Thematic area	Capsicum
7	Performance of the Technology with performance indicators	Physiological Weight Loss, Shriveling, Decay Incidence
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Storage at ambient conditions (25.51 ± 0.72 °C and 79.00 ± 5.98% RH)
10	Process of farmer's participation and their reaction	Positive response

Results of On Farm Trials

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
Capsicum	Irrigated	Shrinking of Capsicum during storage	Effect of edible coating on post harvest quality of Capsicum at ambient storage	03	T1: Farmer's Practice T2: Capsicum will be dipped in 2% chitosan solution for 3 mins, air dried and stored in plastic crates Note: Dissolve 10g of chitosan in 5ml of glacial acetic acid and make volume	See Table Below	**Shriveling rating:** 1: no shriveling 5: extreme shriveling (50% or more of the surface area shriveled) **Decay rating:** 1: No decay 5: extreme decay (16% or more of the surface area decayed)	Chitosan coating (T1) enhanced shelf life in terms of visual quality, reduced shriveling and PLW significantly over control.	Satisfied

Storage at ambient conditions (25.51 ± 0.72 °C and 79.00 ± 5.98% RH)

Parameters		Day 0	Day 5	Day 10	Day 15
Physiological Weight Loss (%)	T0	-	35.70±1.01	61.96±1.45	65.01±1.03
	T1	-	20.41±1.23	30.09±2.01	45.01±2.01
Shriveling (Rating 1-5)	T0	1	4	5	-
	T1	1	1	2	4
Decay Incidence (Rating 1-5)	T0	1	2	5	5
	T1	1	1	2	3

OFT-10: Impact of feeding creep ration on the performance of lambs

1	**Title**	Impact of feeding creep ration on the performance of lambs
2	Problem Diagnose/defined	Poor performance of lambs
3	Details of technologies selected for assessment/refinement	T0:Farmers Practice = No Creep feeding T1= Creep ration @1.5% body weight up to 3 months
4	Source of technology	SKUAST-K
5	Production system thematic area	Livestock

6	Thematic area	Sheep
7	Performance of the Technology with performance indicators	36.53% increase in weight gain over Farmers practice. Achieved marketable weight 2 months early as compared to lambs reared in farmers practice group
8	Final recommendation for micro level situation	Adopting Creep ration feeding @1.5% body weight up to 3 months of age in lambs, starting from 2 weeks of age improves the body weight gain and achieve early marketable body weight.
9	Constraints identified and feedback for research	Availability of creep ration at higher rates
10	Process of farmer's participation and their reaction	Farmers were highly satisfied with the intervention of introducing creep ration feeding in lambs

Results of On Farm Trial

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
Livestock	Extensive	poor performance of lambs and lamb mortality	Impact of feeding creep ration on the performance of lambs	3 (15 ewes each)	T1= Creep ration @1.5% body weight up to 3 months	Weight gain Marketable weight Marketable age %Mortality	8.25Kg 25Kg 12 months 5.0	Lambs in T1 attained marketable weight 2 months early as compared to T0. T1 registered 53.49 % increase in weight gain against 33% in T0.	Farmers were highly satisfied with the intervention of introducing creep ration feeding in lambs
				3 (15 ewes each)	Farmers Practice = No Creep feeding	Weight gain Marketable weight Marketable age %Mortality	13Kg 24.3Kg 10 months Nil		

FRONTLINE DEMONSTRATION LAID DURING 2023-24/2024-25

Title	Variety	Area (ha/No.)	Beneficiaries (No.)
Popularization of in Brown Sarson	(Brown Sarson SS-2)	35.0 ha	87
Popularization of high yielding SKUAST-K varieties of paddy (SR-4)	Rice	0.8 ha	05
Demonstration of Shalimar Fodder Maize	SFM-1	0.8 ha	06
Foliar application of Calcium for improving quality and storability of Cherry	Cherry	01 ha	08
Vertical gardening and its different components (Vertical gardening Frame, Containers used, plants and media to be used.)	Vertical gardening	01 ha	12
Formulation of Multigrain Atta for making chapattis at household	Multigrain Atta	-	10
Nutri garden for management of better health	Vegetables	03	05
Management of collar rot through bio-control agents	Apple	0.25	09
Organic Management of fruit cankers	Apple	0.25	09
Management of physiological disorders of Apple	Apple	0.25	09
Impact of Foliar Application of Potassium Sulphate on Color Development of Apple	Apple	0.25	09
Impact of Teat dip for prevention of mastitis in dairy cattle	Dairy Cows	10	05
Popularization of improved varieties of backyard poultry birds (Keystone gold)	Keystone gold	250	25

Performance of Frontline Demonstrations: 2023-24/2024-25

CFLD 1: Popularization of Brown Sarson (Shalimar Sarson-2)

Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Yield (q/ha)		% Increase
						Demo	Check	
Brown Sarson	Crop Production/ Management/ Protection and INM	Shalimar Sarson-2	Irrigated	87	35.0	16.2	8.9	82.02

* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)			
Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
73600	132000	58400	1.79	68400	101000	32600	1.47

FLD 1: Popularization of SKUAST-K released varieties of Paddy

Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Yield (q/ha)		% Increase
						Demo	Check	
Paddy	Popularization of high yielding SKUAST-K varieties of paddy (SR-4)	SR-4	Irrigated	05	01	82.50	51.2	61.13

* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)			
Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
142600	231200	88600	1.62	145000	173000	28000	1.19

FLD 2: Popularization of SKUAST-K released varieties of Fodder Maize

Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Yield (q/ha)		% Increase
						Demo	Check	
Maize	Variety, Crop Production, Plant Protection Measures and INM	Shalimar Fodder Maize-1	Rainfed	06	01	442	325	36

* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)			
Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
102000	255000	153000	2.5	96000	172800	76800	1.8

FLD 3: Impact of Foliar Applications of Calcium for improving quality and storability of Cherry												
Crop	Name of the technology demonstrated		Variety	Farming Situation	No of Demo	Area (ha)	A grade %age		Shelf Life (days) at room temp	
							Demo	Check	Demo	Check
Cherry	Foliar application of Calcium for improving quality and storability of Cherry		Napolean Noir Grossa	Rainfed	05	0.25	90.2	62.3	13.2	8.6
* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)						
Production Cost	Gross Return	Net Return	BCR	Production Cost	Gross Return	Net Return	BCR			
175000	320000	145000	1.82	163000	215000	52000	1.32			

FLD4: Introduction and Popularization of Vertical Gardening Concept in Urban areas									
Crop	Name of the technology demonstrated		Variety	Farming Situation	No of Demo	Area (ha)	Area expansion under vertical gardening		% Increase
							Demo	Check	
Hanging Pot Plants	Vertical Gardening		Vertical Gardening	Irrigated	10	-	240 sq.feet	-	100
* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)					
Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR		
Nil	Nil	Nil	-	Nil	Nil	Nil	-		

FLD 5: Demonstration on Nutri garden for management of better health								
Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Adaptability %		% Increase
						Demo	Check	
Vegetables	Nutri garden for management of better health	-	Irrigated	06	0.2	80	65	15%
* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)				
Gross Cost	Gross Return	Gross Cost	Gross Return	Gross Cost	Gross Return	Gross Cost	Gross Return	
NA	NA	NA	NA	NA	NA	NA	NA	

FLD 6: Demonstration on formulation of Multigrain Atta for making chapattis at household								
Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Adaptability %		% Increase
						Demo	Check	
Multigrain atta	Multi grain Atta for making chapattis at household	-	-	01	01 No.	-	-	-
* Economics of demonstration (Rs/ha)				* Economics of Check (Rs/ha)				
Gross Cost	Gross Return	Gross Cost	Gross Return	Gross Cost	Gross Retur n	Gross Cost	Gross Return	
NA	NA	NA	NA	NA	NA	NA	NA	

FLD 7: Management of collar rot through Bio-Control Agents									
Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Recovery (%)		Yield (kg/plant)	
						Check	Demo	Check	Demo
Apple	Management of collar rot through bio-control agents	Apple	Irrigated	09	0.25	17.3	68.6	36.2	70.4

FLD 8: Organic Management of Fruit Cankers											
Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Recovery (%)		Yield (t/ha)		Economics (B:C ratio)	
						Check	Demo	Check	Demo	Check	Demo
Apple	Organic Management of fruit cankers	Apple	Irrigated	09	0.25	23.3	75.6	9.62	16.5	1.62	2.35

FLD 9: Impact of Foliar Applications on Color Development of Apple								
Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Color %		% Increase
						Demo	Check	
Apple	Foliar application of Potassium Sulphate@ 5g/liter of water	Red Delicious	Irrigated	03	0.25	>80%	60-70%	10-12%

FRONTLINE DEMONSTRATION (ANIMAL SCIENCE) CONDUCTED DURING 2023-24/2024-25

Crop	Variety	Area (ha/No.)	Beneficiaries (No.)
Popularization of improved varieties of backyard poultry birds (Keystone gold).	Keystone gold	250	25
Impact of Teat dip for prevention of mastitis in dairy cattle	Dairy cows (CJ/HF)	10	5

FLD-1: Popularization of improved varieties of backyard poultry birds (Keystone gold)

Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Yield (No. of eggs /Cycle)		% Increase
						Demo	Check	
Poultry	Backyard Poultry	Keystone Gold	Subsistence Farming System	25	250 no	195	92	103%

FLD-2: Impact of pre and post milking, Iodine and glycerin based teat dip on prevention of mastitis in dairy cows.

Crop	Name of the technology demonstrated	Variety	Farming Situation	No of Demo	Area (ha)	Incidence of Mastitis (%)		% Increase
						Demo	Check	
Dairy cattle	Impact of pre and post milking, Iodine and glycerin based, teat dips on prevention of mastitis in dairy cows.	Dairy cows (CJ/HF)	Subsistence farming system	05	10	20%	50%	-30%

Practicing Farmer Training Programmes conducted during 2024-25

Title of the Training Programme	Beneficiaries (No.) MALE			Beneficiaries (No.) FEMALE			Grand Total
	SC/ST	Others	Total	SC/ST	Others	Total	
Importance of Pollination in Fruit Crops especially Apple at Bongam Khonmoh, Balhama & Ranbirgrah on 4th, 19th and 26th April 2024 respectively.	5	109	114	1	5	6	120
Management of Nutrient Deficiencies in Apple Orchards at Dargah on 16-04-2024	4	42	46	1	3	4	50
Kitchen Garden Layout and its Sowing of Different Nutritionally Rich Crops" at Peerbagh on 12-04-2024	0	8	8	0	5	5	13
"Identification of Indoor and Outdoor Plants" at Foreshore Road Shalimar on 24-04-2024	0	20	20	0	12	12	32
Infectious & Metabolic Diseases of Economic Importance in Diary Animals & their Prevention at Noorbagh on 30-04-2024	0	25	25	0	0	0	25
Importance of FYM, Green Manure, Enriched Compost, Vermicompost at Latipota Rainawari on 31-05-2024	0	10	10	0	20	20	30
Sanitization Programme with FPO, Dal Lake Lotus Stem under Meri Life Portal on Waste to Wealth at Habak on 17-05-2024	0	32	32	0	18	18	50
Drip Irrigation and Fertigation in HDP Orchards of Apple at Harwan on 01-05-2024	10	24	34	4	16	20	54
Production Technology and Disease Management of Silkworms in Collaboration with COTS, SKUAST-K and Department of Sericulture Solina Srinagar at New Theed on 03-05-2024	25	13	38	6	4	10	48
Importance of Rooting/Mist Chamber for the Propagation of Landscape Plants on Commercial Scale at New Theed on 22-05-2024	0	10	10	0	7	7	17
Physiological Disorders of Fruit Crops at Harwan on 10-06-2024.	0	16	16	0	8	8	24
Scientific Methods of Packaging to enhance Shelf life of Foods at Shalimar on 15-06-2024.	0	0	0	0	20	20	20
Nursery Raising of Summer and Winter Annuals at Peerbagh on 14-06-2024	0	16	16	0	0	0	16
"Management of Invasive Leaf Miner" in collaboration with Department of Horticulture at Mulpaq Harwan on 23-07-2024	0	25	25	0	5	5	30

"Management of Invasive Leaf Miner" in collaboration with Department of Horticulture at Zakura on 25-07-2024	0	25	25	0	3	3	28
Stakeholders Consultation Meet on Nano Fertilizers for Next Generation Agriculture at SKUAST-Kashmir on 24-07-2024	17	70	87	12	58	70	157
Introduction of Sweet Corn, Pop Corn and Baby Corn among Farmers at village Qamarwari on 21-08-2024	0	10	10	0	10	10	20
Importance of FYM, Green Manure, Enriched Compost & Vermicompost at village Maloora on 21-08-2024	0	5	5	0	7	7	12
Importance of Mist Chamber for the Propagation of Landscape Plants on Commercial Scale at village Theed on 20-08-2024	0	17	17	0	5	5	22
Upscaling of Existing Ornamental Nurseries on Scientific Guidelines at Foreshore Road on 13-08-2024.	0	13	13	0	0	0	13
Training Programme on "Techniques of Summer Pruning in High Density Orchards for Income Generation" at village Ranbirgrah on 13-08-2024.	2	20	22	4	3	7	29
Awareness Programme on " Nutritional Management of Fruit Crops" at Khanmoh Srinagar on 14-08-2024.	2	16	18	2	2	4	22
Hands on Budding Techniques of different Pome, Stone and Nut Fruit Crops at Gandtal Dara Harwan w.e.f. 06-12th of September 2024.	5	19	24	1	4	5	29
Handling, Storage and Marketing of Fresh Fruits at Gandtal Dara Harwan on 26-09-2024	7	18	25	2	7	9	34
Winter Management of Pot/House Plants at Foreshore Road Habak on 03-09-2024	0	22	22	0	6	6	28
Management of Cutflower Crops under Protected Structures on Scientific guidelines at Shalimar on 12-09-2024	0	17	17	0	5	5	22
Backyard Poultry Rearing at KVK Campus on 04-09-2024	0	15	15	0	10	10	25
Diagnosis of Nutrient Deficiencies in Vegetable Crops (Cucumber, Kale, Brinjal) at Maloora on 24-09-2024	0	16	16	0	4	4	20
Integrated Nutrient Management in Field Crops at Harwan on 17-09-2024	0	18	18	0	5	5	23
Skill Training Programme on "Innovative Strategies for Raising of Quality Planting Materials for Entrepreneurship Development in Horticulture Crops" at Harwan Block w.e.f. 16-22 October, 2024.	2	20	22	4	3	7	29
Skill Development Programme in "Hazard Analysis & Risk Preventive Controls in Perishable Food Products"	0	0	0	0	50	50	50

by MSME at GHSS Chanapora on 28-10-2024.							
"Popularization of Water-Chestnut Products for Diabetic People" at Division of FST, SKUAST-K on 08-10-2024.	0	16	16	0	16	16	32
Awareness Programme on Infectious Diseases of Sheep at Nowshera on 09-10-2024.	0	17	17	0	8	8	25
Mitigating Fodder and Seed Scarcity through best Management Practices at Theed on 31-10-2024.	0	20	20	0	10	10	30
Integrated Nutrient Management in Vegetable Crops i.e Garlic, Shallots, Onion at Brain Nishat on 25-10-2024.	0	12	12	0	8	8	20
Importance of Farm Yard Manure, Green Manure, Enriched Compost and Vermicompost at Khonmoh on 31-10-2024.	0	5	5	0	10	10	15
Skill Training Programme on "Innovative Strategies for Raising of Quality Planting Materials for Entrepreneurship Development in Horticulture Crops" at Harwan Block w.e.f. 16-22 October, 2024.	2	20	22	4	3	7	29
MSME –MDP Skill Training Programme on "Nursery Management of Fruit Crops" at Centre of Excellence for Temperate Fruit Crops, Zawoora Srinagar w.e.f. 26th November-02 December, 2024.	7	2	9	20	2	22	31
05 days Skill training program on commercial floriculture entitled" Establishment of ornamental nursery" w.e.f. 4th to 8th Nov, 2024 at Lal Mandi Srinagar	5	5	10	50	0	50	60
05 days Skill training program on commercial floriculture entitled" "Cut flower production under protected conditions"" w.e.f. 11th to 15th Nov, 2024 at DRR Lal Mandi Srinagar".	5	0	5	48	0	48	53
Conducted One Day EAP on "Skill Development in Hazard Analysis and Risk-Based Preventive Controls (HARPC) in Perishable Food Products Sponsored by MSME at GHSS Chanapora on 6th Nov 2024	1	0	1	0	20	20	21
05 days Skill training program on "Profitable Dairy Farming" w.e.f. 4th to 8th Dec, 2024 at Lal Mandi Srinagar.	5	0	5	45	0	45	50
Mitigating Fodder and Seed Scarcity through best Management Practices at Theed on 31-10-2024.	1	0	1	20	0	20	21
Integrated Nutrient Management in Vegetable Crops i.e Garlic, Shallots, Onion at Brain Nishat on 25-10-2024.	1	0	1	12	0	12	13

Importance of Farm Yard Manure, Green Manure, Enriched Compost and Vermicompost at Khonmoh on 31-10-2024.	1	0	1	5	0	5	6
Training programme on "Feed Management and Fodder Technologies" on 28th November. 2024 at Brandkin Faqir Gujri Srinagar	1	23	24	23	12	35	59
"Canopy management of Fruit Crops" at SKUAST-K Shalimar Srinagar w.e.f. 4th December-13 December, 2024.	4	16	20	3	4	7	27
15 days Skill Training programme entitled" Agripreneurship in horticulture" w.e.f. 10th to 24th December, 2024 at SKUAST-K Shalimar Srinagar	2	32	34	3	5	8	42
10 days Skill training program entitled "Agripreneurship in Beekeeping"" w.e.f. 26th Dec, 2024 to 06th Jan., 2025 at Pollination Centre, Division of Entomology SKUAST-K".	0	48	48	0	2	2	50
Awareness program on Importance of Winter feeding for animals 11th and 18th of Dec, 2024	0	22	22	0	2	2	24
Nutri Mix Formulla for Lactating and Pregnant Women across UT of J & K w.e.f.14-16 January 2025	0	0	0	11	39	50	50
10 days Skill Training programme entitled" Agripreneurship in Bee Keeping" w.e.f. 26th December, 2024 to 5th January, 2025 at KVK Srinagar	15	28	43	3	4	7	50
Training programme on, "Canopy Management of Fruit Crops" at SKUAST-K Shalimar from 7th to 14th January, 2025	12	30	42	2	4	6	48
Training programme on, "Basin Management of Fruit Crops" at Harwan from 20th to 24th Dec, 2024	12	18	30	0	0	0	30
Training programme on, " Orchard Sanitation " at New Theed 30th to 31st Dec, 2024	11	15	26	4	8	12	38
12 days ESDP on "Agripreneurship in High Value Mushroom production" at KVK Srinagar in collaboration with 41 BN BSF and IMDC {D o A & FW) GoJK w.e.f. 12 -24 Feb, 2025 (Sponsored by 41 Bn BSF Humhama Srinagar)	4	38	42	2	6	8	50
One Week MDP MSME training programme on, "FOOD Safety sustainability and entrepreneurship in special reference to Mushroom w,e,f, 22-28 Feb, 2025. (Sponsored by Ministry of Micro, Small and Medium Enterprises)	3	40	43	2	5	7	50
One day Farmers awareness programme cum Input Distribution	24	0	24	6	0	6	30

Event under Tribal sub Plan in collaboration with AICRP on Forages DARS Rangret at Nagbal Dara Srinagar							
12 days Skill Certificate Course on Bakery and Bread craft w.e.f.27 Feb-11 March 2025	3	25	28	9	13	22	50
Five days Training programme for Krishi Sakhis under NMNF w.e.f. 20th to 26th March, 2025 under the aegis of SAMETI Srinagar at KVK Srinagar	0	0	0	6	0	6	6

Rural Youth Training Programmes conducted during 2024-25

Title of the Training Programme	Beneficiaries (No.) MALE			Beneficiaries (No.) FEMALE			Grand Total
	SC/ST	Others	Total	SC/ST	Others	Total	
Assessment of Training on RPL at Habak Hazratbal on 24-04-2024	0	25	25	0	5	5	30
Livelihood & Income Generation through Profitable Dairy Farming at BVO Batapora on 24th-29th April 2024	0	28	28	0	0	0	28
Nutritional Deficiencies in School going Children at Shalimar on 05-06-2024	0	0	0	0	18	18	18
Preparation of Mixed Vegetable Pickle at KVK Campus on 06-06-2024	0	0	0	0	15	15	15
Nutritional Deficiencies in Women and Importance of Balanced Diet at Baghi-Mehtab on 18-07-2024	0	0	0	0	15	15	15
Post Harvest Management & Value Addition of Fruits & Vegetables at Bagh i Methab w.e.f 2nd of September 2024 to 6th of September 2024.	0	0	0	0	30	30	30
Training programme on, "Canopy Management of Fruit Crops" at Shalimar 4th to 8th Nov, 2024	10	15	25	0	0	0	25
Training programme on, "Canopy Management of Fruit Crops" at Rambirgarh 11th to 13th Nov, 2024	10	18	28	2	2	4	32
Training programme on, "Orchard Sanitation" at Shalimar 19th to 21st Nov, 2024	12	13	25	3	7	10	35
Training programme on, "Canopy Management of Fruit Crops" at Centre of Excellence, Zawoora from 24th to 27th December, 2024	10	15	25	0	0	0	25
Training programme on, "Canopy Management of Fruit Crops" at Zakura from 18th to 20th Dec, 2024	10	18	28	0	0	0	28
Training programme on, "Orchard Sanitation" at New Theed 30th to 31st Dec, 2024	11	15	26	4	8	12	38
Training programme on, "Orchard sanitation of Low density Apple orchards" at Harwan from 11-17, Feb, 2025	10	34	44	1	5	6	50

Training programme on, "Hands on Training on pruning techniques of Fruit Crops" at Khonmoh from 3-to 8 Feb, 2025	9	31	40	4	6	10	50
Training programme on, Nursery raising of Fruit Crops 22th to 28st Feb, 2025.	10	15	25	6	12	18	43
Training programme on, "Scientific nursery Management for production of Quality planting material of fruit crops" at SKUAST-K Shalimar from 3rd to 13th March, 2025	12	30	42	2	4	6	48
STRY training programme on, "organic farming for strategic livelihood Opportunities" at Harwan Srinagar	0	28	28	0	0	0	28
Training programme on, "High density plantations ; augmenting farmer's income" at Chaterhama from 17th to 26th, March 2025	5	34	39	3	8	11	50
Training programme on, "Orchard Sanitation " at Ranbirgrah 27th to 31st March, 2025	0	35	35	0	5	5	40

In-Service Training Programmes conducted during 2024-25

Title of the Training Programme	**Beneficiaries (No.) MALE**			**Beneficiaries (No.) FEMALE**			**Grand Total**
	SC/ST	**Others**	**Total**	**SC/ST**	**Others**	**Total**	
Canopy management and Tree architecture of fruit trees under low and high density orchard systems at SKUAST-K Shalimar	02	15	17	01	02	03	20

OTHER EXTENSION ACTIVITIES CONDUCTED DURING 2024-25

Nature of Activity	No. of Activities	SC/ST (Farmers)			OBC/Other (Farmers)			Extension Officials			Grand Total		
		(I)			(II)			(III)			(I+II+III)		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	11	62	31	93	102	71	173	4	3	7	168	105	273
Kisan Mela	6	121	49	170	1127	568	1695	9	6	15	1257	623	1880
Kisan Ghosthi	7	51	46	97	97	56	153	4	3	7	152	105	257
Exhibition	23	68	41	109	198	172	370	7	2	9	273	215	488
Film Show	51	137	53	190	535	153	688	5	8	13	677	214	891
Method Demonstrations	39	162	41	203	388	276	664	8	5	13	558	322	880
Workshop	39	157	73	230	321	267	588	7	5	12	485	345	830
Lectures delivered as resource persons	68	352	137	489	547	264	811	31	21	52	930	422	1352
Newspaper coverage	19	0	0	0	0	0	0	0	0	0	0	0	0
TV talks	41	0	0	0	0	0	0	0	0	0	0	0	0
Popular articles	13	0	0	0	0	0	0	0	0	0	0	0	0
Extension Literature	17	156	62	218	412	155	567	27	19	46	595	236	831
Advisory Services	34	122	91	213	299	142	441	28	18	46	449	251	700
Scientific visit to farmers field	135	245	82	327	469	265	734	13	7	20	727	354	1081
Farmers visit to KVK	91	264	71	335	421	263	684	0	0	0	685	334	1019
Diagnostic visits	26	81	55	136	196	179	375	12	8	20	289	242	531
Exposure visits	19	152	59	211	516	235	751	11	5	16	679	299	978
Ex-trainees Sammelan	2	0	0	0	22	11	33	0	0	0	22	11	33
Soil health Camp	1	0	0	0	19	8	27	3	2	5	22	10	32
Animal Health Camp	2	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	12	15	11	26	74	26	100	3	2	5	92	39	131
Total	**656**										**8060**	**4127**	**12187**

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