PROFORMA FOR ANNUAL REPORT APRIL 2025- March 2026

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	Office	FAX	
(Near Railway Bridge Peerbagh)	9149602036	-	kvksrinagar786@gmail.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-190025	01942464028	-	vc@skuastkashmir.ac.in deeskuastk@gmail.com

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

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

1.4. Year of sanction: **2003**

1.5. Staff Position (as on 31st March 2026)

Sl. No.	Sanctioned post	Name of the incumbent	Age	Discipline with highest degree obtained	Pay Band & Grade Pay (Rs.)	Exiting Present basic (Rs.)	Date of joining at present post	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Sr. Scientist (Associate Professor)	Dr. Sajad Mohiuddin Mir	53	Entomology	37400-67000	-	06-05-2022	Permanent	Others
2	Subject Matter Specialist	Dr. Uzma Bashir	49	Soil Science	37400-67000	-	19-12-2016	Permanent	Others
3	Subject Matter Specialist	Dr. Ishtiyak A. Mir	45	Animal Science	15600-39100	-	03-10-2025	Permanent	Others
4	Subject Matter Specialist	Dr. Haseeb ur Rehman	43	Fruit Science	15600-39100	-	05-10-2025	Permanent	Others
5	Subject Matter Specialist	Dr. Showkat A. Dar	45	Entomology	15600-39100	-	11-01-2022	Permanent	Others
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-
8	Programme Assistant 1	Dr. Owais Bashir	36	Soil Science	9300-34800	-	23-08-2025	Permenent	Others
9	Programme Assistant 2	Vacant	-	-	-	-	-	-	-
10	Programme Assistant (Computer)	Yasir Arfat Bhat	50	I.T	-	-	20-02-2012	Permanent	Others
11	Accountant/Superintendent	Vacant	-	-	-	-	-	-	-
12	Stenographer	Vacant	-	-	-	-	-	-	-
13	Driver 1	Kuljit Singh	30	Matric	5200-20200	-	17-01-2019	Permanent	-
14	Driver 2	Vacant	-	-	-	-	-	-	Others
15	Supporting staff 1	Javed Ahmad Chopan	43	Middle	4440-7440	-	31-12-2009	Permanent	Others
16	Supporting staff 2	Ali Mohammad Bhat	49	Middle	4440-7440	-	31-12-2009	Permanent	

1.6. Total land with KVK (water logged/Marshy) : 19.35 ha
Cultivable Land (Filled with fertile soil) : 0.3 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

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	250 sq.m	-	-	-	Single story Completed
2.	Farmers Hostel							
3.	Staff Quarters							
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units							
	1. Dairy	ICAR	-	-	-	-	160	Completed
	2. Poultry	ICAR	-	-	-	-	100	Completed
5	Fencing							
6	Rain Water harvesting system							
7	Threshing floor							
8	Farm godown							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present Status
Bolero	2019	800000	-	Running

C) Equipment's including Tractor & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
U.P.S	29-03-2003	9500.00	Working
Gas Heater	29-03-2003	7872.00	Working
Officers Table	07-07-2003	9419.00	Working
Photo Copier	17-03-2004	64083.00	Repairable
Altimeter	24-03-2004	6744.00	Working
Wipro Computer	26-03-2004	43659.00	Repairable
Chemical Balance	March-2005	97000.00	Working
Water distillation Still	March-2005	94900.00	Repairable

Conductivity Meter	March-2005	5500.00	Repairable
Grinder	March-2005	12390.00	Repairable
Kjelda Distillation and igestion Combined Unit	March-2005	12510.00	Repairable
Computer System HCL & WIPRO Make	March-2005	75000.00	Repairable
Refrigerator (Whirlpool)	March-2005	10650.00	Working
Refrigerator (Haier)	March-2005	9200.00	Working
Shaker	March-2005	13680.00	Working
Oven	March-2005	19800.00	Working
Flame Photometer	March-2005	34725.00	Repairable
Bataloni Gas Heater	March-2005	15600.00	Working
PH Meter	March-2005	10430.00	Repairable
Hot Plate	March-2005	10440.00	Repairable
Kjeplus Automatic Digestion	March-2005	50720.00	Repairable
Glass Distillation System	March-2005	5800.00	Repairable
Generator set	March-2005	43028.00	Repairable
Stabilizer	March-2005	6430.00	Repairable
Sofa Set	March-2005	15288.00	Working
Physical Balance	March-2005	8700.00	Working
Conductivity Bridge	March-2005	5500.00	Working
U.P.S 1KVA	March-2005	8200.00	Repairable
Thresher	March-2005	68000.00	Working
Microscope	Nov- 2005	26200.00	Repairable
Diesel Engine with Accessories	March-2006	326000.00	Working
HCL Computer with UPS	May-2007	40992.00	Repairable
Water Motor	February-2009	3100.00	Working
PA wireless Amplifier and Microphone	March-2009	8,790.00	Working
Transformer (10KV)	March-2009	11,250.00	Working
Manual Screen 84”x4.3	March -2010	7763.00	Working
UPS (Luminous Line)	March -2010	5684.00	Working
Revolving Chair GB 411(Usha) 6 No’s	March -2010	27600.00	Working
Usha Sewing Machine (4No’s)	March -2010/2013	12000.00	Repairable
HCL Laptop (01 No.)	March-2013	45000.00	Repairable
Brother Printer 3 in 1 (01 No.)	March 2015	16333.00	Working
HP Desktop Computer (02 No.)	February 2017	74059.00	Working
Brother Printer (02 No.)	February 2017	16560.00	Working
UPS (Intex) 02 No.	February 2017	11000.00	Working
Sony Digital Cyber Shot Camera (02 No.)	February 2017	14900.00	Working
Xerox Machine Samsung (01 No)	February 2017	81614.00	Working
Stabilizer Transformer (01 No.)	February 2017	6500.00	Working
Trolleys (Hydraulic) (01 No.)	February 2017	160000.00	Working
LCD Project Screen (01 No.)	March-2017	14500.00	Working
Knap Sack Battery Operated (01 No.)	March-2017	5500.00	Working
Foot Sprayer (02 No.)	March-2017	4500.00	Working
Bush Cutter (01 No.)	March 2016	28500.00	Working
Lawn More	March 2016	6000.00	Working
Vacuum Cleaner	February 2017	8100.00	Working
Ahuja Microphone System (01 No.)	March-2017	2240.00	Working
D-Link Wi-Fi Devices make I-ball (02 No.)	March-2018	2400.00	Working
Mouse Wireless make I-ball (02 No.)	March-2018	1560.00	Working
HP Desktop (All in One) (01 No.)	February-2021	34500.00	Working
HP LaserJet Printer (01 No.)	February-2021	12600.00	Working
HP LaserJet Printer (01 No.)	September 2021	16300.00	Working
CCTV Camera along with other items/ MI LED Screen	October 2021	66890.00	Working
LED Smart TV 65 inches along with mount wall stand (Samsung) 01 No.	October 2021	109799.00	Working

Del Laptop I5 Intel Core (01 No.)	December 2021	64275.00	Working
HP Desktop Computer All in One (02 No.)	March 2022	99876.00	Working
Public Address System along with other items (01 No.)	March 2022	18906.00	Working
Dice Multipurpose Podium (01 No.)	March 2022	55000.00	Working
Del Laptop Core I5 (01 No.)	March 2022	64940.00	Working

1.8. A). Details SAC meeting* conducted in the year 2025-26

Sl. No.	Date	Name and Designation of Participants	No. of absentees	Salient Recommendations	Action taken
1)	**13-12-2025**	**List attached**	-	**Mr. Abdul Hamid Mir** **(Progressive Vegetable Grower & Sarpanch, Takenwari Bakshipora)** The need to extend the benefits of the IFAD funded JKCIP & RSEP Programmes to the municipal a reas	Being a policy matter the issue has been taken up with the conc ernedauthorities and communicated with the request to take up the issue with the administrative department of APD UT of J& K. However, KVK Srinagar has conducted 04 no. of Mega Awareness camps to extend the benefits of the IFAD funded J KCIP Project in all 04 Blocks of District Srinagar.
2)				**Mr. Gh. Ahmad Bhat** **(M/s Agro Seeds Choncha Faqir Noorbagh)** Need to reduce dependence on Import of Hybrid vegetable seeds vis-a-vis protection of local vegetable seed producers	✓ As directed by the Hon'ble Chairman, M/S Agro Seeds w as conveyed to contact Dr. Ajaz A Malik, Head KVK-SGR Ganderbal to upscale the seed production techniques and skills for market competitiveness against the exotic or imported seed. ✓ The producer is regular contact with the team KVK Gand erbal to learn the know how regarding the seed production techniques. ✓ KVK Srinagar conducted 04 number of skill development programs on Seed production and pr omotion of off-season vegetables under protected condition. To promote nutritional security and the efficient use of limited urban spaces, KVK Srinagar organized an Awareness-cum-Seed Distribution Programme focusing on exotic vegetable

					cultivation.
3)				**Haji Mehraj Ud Din Rather** **(Gen. Secretary Iqbal Sabzi Mandi, Parimpora Srinagar)** For effective and smooth functioning of the only and pride Sabzi Mandi of the valley, the Gen. Secretary appealed the Chairman to put the Mandi under the management and administrative control of the J&K Horticulture Planning and Marketing GoJK.	✓ The matter has been taken up with the AMO (HP &M) Sri nagar and communicated to the Director (HP &M) The KVK Srinagar has conducted 03 interactions with AMO and Representatives of the Iqbal Sabzi Mandi to work out the modalities for redressal of the said issue.
4)				**Chief Animal Husbandry Officer Srinagar** Strengthen the collaborative efforts to conduct awarene ss cum training program on Management of milch animals during winter under Kashmir conditions	The Kendra is in continuous process of conducting Awareness cum training programs in convergence with the Animal and Sheep Husbandry departments. ✓ Kendra conducted the 02 Animal Clinical Camps in collaboration with Animal & Sheep Husbandry Departments benefitting 254 households of district Srinagar. ✓ Kendra has conducted FLD on Impact of Winter chocolates on Milk production on different locations of District Srinagar. ✓ Kendra has conducted various awareness cum trainings on ❖ Importance of Production Deworming and vaccination in livestock (02 No.) ❖ Repeat Breeding in cattle (03 No.) ❖ Clean Milk Production (02 No.) Feed and Fodder Conservation (01 No.)
5)				**The Chief Horticulture Officer** Emphasized the need to develop a cadre of skilled master pruners to improve apple orchard manage ment,	✓ Krishi Vigyan Kendra (KVK) Srinagar in convergence with Division of Fruit Science (FoH) an d Department of Horticulture conducted seven (07) awareness-cum-demonstration programmes on canopy management & pla

				thereby enhancing fruit quality and increasing mark etable yield.	nt architecture to equip and train unskilled growers wit h advanced scientific pruning and training techniques for i mproving orchard productivity and fruit quality. Also conducted 04 no. of awareness cum interaction programmes on lay out under different orchard system.
6)				**Chief Agriculture Officer:** Capacity building of extension functionaries regarding Hi-tech Mushroom Farming	✓ Krishi Vigyan Kendra Srinagar has taken ESDP of rural y outh in a Mission mode since 2024 onwards. Krishi Vigyan Kendra (KVK) Srinagar, SKUAST-Kashmir in collaboration with 41 Battalion BSF, MRTC FoH Shalimar and Project Coordinator IMD Directorate of Agricultur e Production, Lal Mandi launched 02 weeks Entrepreneurial Skill Development Certificate Course on Hi-Tech Mushroom Farming at KVK Campus w.e.f Feb 03, 2026
7)				**District Social Welfare Officer (Ms. Rehana Rasool)** underline the need to upscale the awareness cum method demonstration on value addition cum proc essing and canning of fruits to enhance its market value and farmers income	✓ Conducted 10 days skill development training programme on Processing, Canning and Packaging of Fresh Fruits and Vegetable in collaboration with processing and Canning Centre Department of Horticulture, Kashmir Conducted 03 days on-campus Awareness cum Hands on Training on "Processing of seasonal Fruits & Vegetables for college going Girls.
8)				**Director Extension SKUAST-K** Underscored the need for promotion of sustainable agriculture practices through popularization of Natural Farming Practices for Healthy Soil and Healthy Crop under NMNF.	✓ KVK Srinagar conducted 5day training programme for Krishi Sakhis under NMNF ✓ Conducted 2 training programmes for farmers of Three natural Farming Clusters of District Srinagar. Established 4 Natural Farming Demo Units (03 at Farmers Field and 01 at KVK Campus)

List of participants who attended 19thSAC Meeting of KVK Srinagar held on 13-12-2025

S. No	Name of the participants	Designation
1.	Prof. Nazir Ahmad Ganie	Hon'ble Vice Chancellor, SKUAST-Kashmir
2.	Prof. Raihana Habib	Director Extension, SKUAST-Kashmir, Shalimar
3.	Dr. M.K. Sharma	Director CITH, Rangreth Srinagar
4.	Dr. S.A. Simnani	Sr. Scientist & Head (KVK Srinagar)
5.	Dr. Javid Mugloo	Sr. Scientist & Head (KVK Pulwama)
6.	Dr. Ajaz Malik	Sr. Scientist & Head (KVK Ganderbal)
7.	Dr. Zaffer Badri	Sr. Scientist & Head (KVK Shopian)
8.	Dr. Bial Lone	Sr. Scientist & Head (KVK Budgam)
9.	Dr. Shakoor Ahmad	Sr. Scientist & Head (KVK Kulgam)
10.	Dr. Ishtiyak Ahmad	Sr. Scientist & Head (KVK Anantnag)
11.	Dr. Tariq Sultan	Sr. Scientist & Head (KVK Bandipora)
12.	Line Department	Representatives from Agriculture/Horticulture/Animal Husbandry/ Sheep Husbandry/ Floriculture and Social Welfare Department/Lead Bank/NGO
13.	Dr. Uzma Bashir	SMS Soil Science
14.	Dr. Malik Raies-ul-Islam	SMS Animal Science
15.	Dr. Saima Paul	SMS Home Science
16.	Dr. Aasima Rafiq	SMS Food Technology
17.	Dr. Showkat Ahmad	SMS Entomology
18.	Dr. Haseeb ur Rehman	SMS Fruit Science
19.	Mr. Mohd Ashraf Mir	Programme Assistant
20.	Mr. Yasir Arfat Bhat	Programme Assistant (Computer)
21.	Dr. Owais Bashir	Programme Assistant (Lab)
22.	Ms. Masarat Jahan	Accountant
23.	Mr. Javid Ahmad Chopan	Cook
24.	Mr. Ali Mohd Bhat	Gardner
25.	Mr. Khurshid Ahmad	Progressive Farmer
26.	Mr. Mohammad Sultan Bhat	Progressive Farmer
27.	Mr. Kuljit Singh	Driver
28.	Ms. Irfana Bashir	OCC

2. DETAILS OF DISTRICT (2025-26)

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, (Srinagar), besides 137 Revenue villages.

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

S. No	Farming system/enterprise	
1	Irrigated (borewell)	Horticulture, Vegetable
2	Irrigated (canal)	Paddy, Oilseed, Pulses
3	Tank Irrigated	Vegetable and Horticulture

4	Rainfed	Pulses and Maize
5	Enterprises	Broiler and Dairy

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

S. No	Agro-climatic Zone	Characteristics
1.	Mid to high altitude temperate zone (JK-3)	District Srinagar has area of 1979sq.kms and is the smallest district of the state. District Srinagar falls under temperate zone as per the agro-climatic conditions. The precipitation is mainly in the form of snow in winter and rains/ hail in summer. Temperature varies from 5 ^{0}C in winter to max of 34^{0}C in summers and the average rainfall of the district is 585mm. Plain area constitute maximum of the total geographical area of the district. Rice and Maize are main crops of the district besides area under horticulture crops namely Apple, Pear, Cherry and Peach involve the major portion of total cultivated land. Among agronomic crops Maize is mostly grown as rain fed crop in Karewas.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Clay to clay loam Sandy loam	As per soil classification major soils in the district belong to Entisols followed by Inceptisols, Alfisols and Mollisols. They show varying degree of profile development from A-C to A-B-C profiles on steep slopes to piedmont plains, Karewas and broad valleys. The soil reaction ranges from acidic to slightly alkaline (ph 5.0 to 8.5) organic matter content is generally high.	5.328 1.332

2.4. 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 Floriculture-Kashmir (2021-22)

2.5. Weather data (Data awaited from Weather Meteorological Department J&K): N/A

Month	**Rainfall(mm)**	**Temperature ^{o}C**		**Relative Humidity (%)**
		Maximum.	**Minimum**	
April 2025	-	-	-	-

May 2025	-	-	-	-
June 2025	-	-	-	-
July 2025	-	-	-	-
August 2025	-	-	-	-
September 2025	-	-	-	-
October 2025	-	-	-	-
November 2025	-	-	-	-
December 2025	-	-	-	-
January 2026	-	-	-	-
February 2026	-	-	-	-
March 2026	-	-	-	-

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

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred	43166		
Indigenous			
Buffalo	75		
Sheep	57994		
Crossbred			
Indigenous			
Goats	6485		
Horse	740		
Crossbred	-		
Indigenous	-		
Rabbits	04		
Poultry			
Hens Farms	80273		
Desi	106885		
Improved			
Ducks	15858		
Turkey and others			
Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 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 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

2.8 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 Agro-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 Anchar Lakes and Hill areas.

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2025-26

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs (No.)		*Number of farmers (No.)*		*Area under FLDs (ha)*		*Number of farmers (No.)*	
Targets	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***
10	10	30	25	**100**	**119.25**	**500**	**841**

3. A.1FLDs Conducted under CFLDs on Oilseed/Pulses:

FLD (Oilseeds/Pulses)			
Number of FLDs		Number of Farmers	
Targets	**Achievement**	**Targets**	**Achievement**
35 ha (Mustard-Rabi 2025-26)	35 ha	105	125

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	-	40	-	1429	-	503	-	11576
Rural youth	-	18	-	666	-	-	-	-
Extn. Functionaries	-	03	-	70	-	-	-	-

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement (Qty.)	Target	Achievement (No.)
To provide quality seedlings and planting material of vegetables & fruit plants.	**Vegetable Saplings (No.)** Tomato:3520 Capsicum: 1750 Cucumber: 450 Bottle gourd: 310 Brinjal: 1250 Knoll Khol: 6505 Onion Seedlings: 1820 Chilli: 2510 Cauliflower: 875 Cabbage: 520 **Seed (kg)** Field Pea: 25 kg Garlic: 120 kg	**Plant Saplings (No.)**	Apple: 109 Cherry: 25 Apricot Seedlings: 45 Apricot: 60 Plum: 80 Grapes: 101 Pansy Hybrid: 65 Seedling Annual: 215 Shrubs: 48 Marigold, Zinnia, Aster, Celosia: 250

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	*Achievement*	*Target*	*Achievement*
-	(Poultry) 550	-	(Vermicompost) 5.0 qtls

3. B. Abstract of interventions undertaken:

S. No	*Thrust area*	*Crop/ Enterprise*	*Identified Problem*	*Interventions*										
				Title of OFT if any	*Title of FLD if any*	*Number of Training (farmers)*	*Number of Training (Youths)*	*Number of Training (extension personnel)*	*Extension activities (No.)*	*Supply of seeds (Qtl.)/ Chemical*	*Supply of planting materials (No.)*	*Supply of livestock (No.)*	*Supply of bio products*	
													No.	*Kg*
											-	-	-	-

3.1 Achievements on technologies assessed and refined

A.1 Abstract of the number of technologies **assessed*** in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										
Weed Management										

Integrated Crop Management						**03**				**03**
Integrated Nutrient Management						**02**				**02**
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition					**02**					**02**
Integrated Pest Management					**02**					**02**
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL					**04**	**05**				**09**

Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro situation

A.2. Abstract of the number of technologies **refined*** in respect of crops/enterprises: **Nil**

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post-Harvest Technology										
Integrated										

Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

***** *Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.*

A.3. Abstract of the number of technologies **assessed** in respect of livestock / enterprises:

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management		**01**						**01**
Feed and Fodder			**01**					**01**
Small Scale income generating enterprises								
TOTAL		**01**	**01**					**02**

A.4. Abstract on the number of technologies **refined** in respect of livestock / enterprises: Nil

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

3.2. Achievements on technologies Assessed and Refined

3.2.1. Technologies Assessed under various Crops

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trial covering all the Technological Options)*
Integrated Nutrient Management	**Apple**	Application of Methyl Jasmonate @1.5 gm/Lt, Methyl Jasmonate @3 gm/Lt and Potassium Sulphate	03	03	0.05
	Stone Fruits	Application of Hydrogel on 100gm/tree and 150gm/tree	03	03	0.05
Varietal Evaluation					
Integrated Pest Management					

Integrated Crop Management	Apple	Application of α-NAA @ 10-15 ppm applied at 7-35 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA) – (RP) and 6-BA @ 50-150 ppm applied at 5-30 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA) – (RP)	03	03	0.05
	Apple	Application of Pruning in the 3rd Week to last week of February (RP) and Pruning in the 1st week of March to 2nd of week of March (RP)	03	03	0.05
	Apple	Application of Foliar application of ZnO @0.1% And Soil Drenching with Paclobutrazol 1ml/year age of the tree + Application of ZnO @ 0.1%	03	03	0.05
Integrated Disease/Pest Management	Cucurbits	Insecticide Mixture Spray as per (POP)	03	03	0.075
	Tomato	Installation of pheromone traps @ 12-15 traps/ha and Spray imidacloprid 17.8 SL @ 30 ml/100 lit. of water 35DAT (POP)	03	03	0.075
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition	Capsicum	Capsicum will be Coated with Chitosan (2% solution) Coated surface will be air dried by using high speed fan Coated Bell Pepper will be Stored in Ambient Condition	03	03	-
	Capsicum	-	03	03	-
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total		**09**	**27**	**27**	**-**

3.2.2. Technologies **Refined** under various **Crops: Nil**

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trail covering all the Technological Options)*
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trail covering all the Technological Options)*
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

3.2.3. Technologies assessed under Livestock and other enterprises:

Thematic areas	*Name of the livestock enterprise*	*Name of the technology assessed*	*No. of trials*	*No. of farmers*
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management	Sheep	Feeding of 25 grams of sheep specific mineral mixture/day/animal	**03**	**03**
Feed and fodder	Poultry	Artificial light to extend photo period up to 14 hours.	**03**	**03**
Small scale income generating enterprises				
Total			**06**	**06**

3.2.4. Technologies Refined under Livestock and other enterprises: Nil

Thematic areas	*Name of the livestock enterprise*	*Name of the technology assessed*	*No. of trials*	*No. of farmers*
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management				

Feed and fodder				
Small scale income generating enterprises				
Total				

B. Details of each On Farm Trial to be furnished in the following format

OFT-1: Effect of Pre-harvest Foliar Application of Methyl Jasmonate and Potassium Sulphate on Color Development and Storability Properties of Apple.

1	Title	Effect of Pre-harvest Foliar Application of Methyl Jasmonate and Potassium Sulphate on Color Development and Storability Properties of Apple
2	Problem Diagnose/defined	Less color development and low shelf life
3	Details of technologies selected for assessment/refinement	T0: Control T1: Methyl Jasmonate @ 10 mM/Lt T2: Potassium Sulphate @ 5gm/Lt T3: T1+T2
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Integrated Nutrient Management
6	Thematic area	Integrated Nutrient Management
7	Performance of the Technology with performance indicators	Table below
8	Final recommendation for micro level situation	Use of Methyl Jasmonate@ 1.5 gm/litre and Potassium Sulphate@ 5gm/litres
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Through diagnostic visits, trainings, visit of farmers to KVK etc.

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 men	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Rainfed	Less color development and low shelf life	Effect of Pre-harvest Foliar Application of Methyl Jasmonate and Potassium Sulphate on Color Development and Storability Properties of Apple	03	Methyl Jasmonate @ 10 mM/Lt Potassium Sulphate @ 5gm/Lt	Color development, Anthocyanin, Firmness and Shelf life	Table below		Satisfactory

Table:

Treatments	Fruit Weight (gm)	Firmness (kg/cm2)	SSC (%)	Fruit Color	Anthocyanin (mg/100 gm)	Shelf Life (Days)
T0: Farmer Practice	175.32	6.51	14.15	L= 51.23 A= 17.06 B= 24.12	8.97	80
T1: Methyl Jasmonate @ 10 mM/Lt	178.06	7.62	15.92	L= 38.52 A= 27.23 B= 17.94	22.39	120
T2: (Potassium Sulphate @ 5gm/Lt)	176.18	7.25	14.68	L= 41.94 A= 22.12 B= 19.23	18.92	65
T3: Methyl Jasmonate @ 10 mM/Lt + Potassium Sulphate @ 5gm/Lt)	180.63	8.32	16.34	L= 38.12 A= 29.25 B= 17.23	25.78	88

OFT-2: Impact of Hydrogel on Soil Nutrient availability and Fruit Quality in Temperate Fruit Crops

1	Title	Impact of Hydrogel on Soil Nutrient availability and Fruit Quality in Stone Fruit Crops.
2	Problem Diagnose/defined	Low Quality
3	Details of technologies selected for assessment/refinement	T0: Farmers Practice T1: 100gm/tree T2: 150gm/tree
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Integrated Nutrient Management
6	Thematic area	Integrated Nutrient Management
7	Performance of the Technology with performance indicators	Ongoing
8	Final recommendation for micro level situation	Use of hydrogel as soil nutrient @ 100-150gm/tree
9	Constraints identified and feedback for research	Ongoing
10	Process of farmer's participation and their reaction	Through diagnostic visits, trainings, visit of farmers to KVK etc.

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
Stone Fruits	Irrigate d	Low Quality	Impact of Hydrogel on Soil Nutrient availability and Fruit Quality in Temperate Fruit Crops	03	T1: 100gm/tree T2: 150gm/tree	Fruit Grade % age	Table below		Satisfactory

OFT-3: Assessment of Different Thinning Practices for Optimizing Crop Load Management in High-Density Apple Orchards

1	Title	Assessment of Different Thinning Practices for Optimizing Crop Load Management in High-Density Apple Orchards
2	Problem Diagnose/defined	Alternate bearing and small fruit size
3	Details of technologies selected for assessment/refinement	T0: No Thinning/Erratic Thinning T1: α-NAA @ 10-15 ppm applied at 7-35 days from full bloom followed by hand thinning, 4-6 Fruits per cm2 TCSA T2: 6-BA @ 50-150 ppm applied at 5-30 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Fruit Production
6	Thematic area	Crop Load Management
7	Performance of the Technology with performance indicators	Fruit size improved and regular bearing achieved.
8	Final recommendation for micro level situation	6-BA @ 50-150 ppm applied at 5-30 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Satisfactory

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 assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	High Density	Alternate bearing and small fruit size	Assessment of Different Thinning Practices for Optimizing Crop Load Management in High-Density Apple Orchards	03	α-NAA @ 10-15 ppm applied at 7-35 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA)– (RP) 6-BA @ 50-150 ppm applied at 5-30 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA) – (RP)	Fruit grade % age	Table Below		Satisfactory

Table:

Treatments	Grade%			
	Fancy	A	B	C
T0: Farmers Practice	04	42	24	30
T1: α-NAA @ 10-15 ppm applied at 7-35 days from full bloom followed by hand thinning 4-6 Fruits per cm2	12	68	16	04
T2:6-BA @ 50-150 ppm applied at 5-30 days from full bloom followed by hand thinning 4-6 Fruits per cm2 TCSA	15	77	06	02

OFT-4: Evaluation of Different Pruning Times for Optimizing Apple Production under Changing Climatic Conditions.

1	Title	Evaluation of Different Pruning Times for Optimizing Apple Production under Changing Climatic Conditions
2	Problem Diagnose/defined	Low productivity and High Susceptibility to climate change
3	Details of technologies selected for assessment/refinement	T0: Pruning in the 3rd Week of Nov through December T1: Pruning in the 3rd Week to last week of February T2: Pruning in the 1st week of March to 2nd of week of March
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Fruit Production
6	Thematic area	Integrated Crop Management
7	Performance of the Technology with performance indicators	Ongoing
8	Final recommendation for micro level situation	Ongoing
9	Constraints identified and feedback for research	Awaited
10	Process of farmer's participation and their reaction	-

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 assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Irrigated	Low productivity and High Susceptibility to climate change	Evaluation of Different Pruning Times for Optimizing Apple Production under Changing Climatic Conditions	03	Pruning in the 3rd Week to last week of February Pruning in the 1st week of March to 2nd of week of March (RP)	Increase in productivity	Ongoing	Ongoing	-

OFT-5: Assessing the Performance of Different Chemicals for the Management of Necrotic Leaf Blotch (NLB) in Apple

1	Title	Assessing the Performance of Different Chemicals for the Management of Necrotic Leaf Blotch (NLB) in Apple
2	Problem Diagnose/defined	Less color development and leaf abscission
3	Details of technologies selected for assessment/refinement	T0: Use of Non-Specific Chemicals T1: Foliar application of ZnO @0.1% T2: Soil Drenching with Paclobutrazol @1ml/year age of the tree + Application of ZnO @ 0.1%
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Fruit Production
6	Thematic area	Integrated Crop Management
7	Performance of the Technology with performance indicators	Yet to be conducted
8	Final recommendation for micro level situation	Awaited
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	-

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
Apple	Irrigated	Less color development and leaf abscission	Assessing the Performance of Different Chemicals for the Management of Necrotic Leaf Blotch (NLB) in Apple	03	Foliar application of ZnO @0.1% Soil Drenching with Paclobutrazol @1ml/year age of the tree + Application of ZnO @ 0.1%	Grade %age	Awaited	Awaited	Satisfactory

OFT-6: Management of Fruit Fly in Cucurbits

1	Title	Management of Fruit Fly in Cucurbits
2	Problem Diagnose/defined	Control in yield loss
3	Details of technologies selected for assessment/refinement	T0 = Farmers Practice (Local) T1 = Insecticide Mixture Spray as per (POP)
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Integrated Pest Management
6	Thematic area	Integrated Pest Management
7	Performance of the Technology with performance indicators	-
8	Final recommendation for micro level situation	Use of Insecticide Mixture Spray as per (POP)
9	Constraints identified and feedback for research	Significant infestation by fruit flies. Using insecticide mixture sprays as per POP to curtail the yield loss.
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
Cucurbits	Irrigated	Control in yield loss	Management of Fruit Fly in Cucurbits	03	T0 = Farmers Practice (Local) T1 = Insecticide Mixture Spray as per (POP)	Yeild loss & % Infestation	Table below		Satisfactory

Tabel: INFESTION IN BY FRUIT FLIES IN PARTHENOCARPIC CUCUMBER (*Cucumis sativus* L.)

(Location: Takenwari, Qamarwari)
NAME OF FARMER: MOHMMAD LATIF DAR

S. No	Mean number of fruits /5 tree		Mean number of Fruits infested/5 plants (%)		Mean weight (g) of fruits infested/5 plants (%)		Mean weight (g) of marketable fruits / 5 plants		Mean loss (g) over control (%)	Yield saved (g) over control (%)
1	Treat.	Control	Treat.	Control	Treat.	Control	Treat.	Control		
	12	10	0.20	3.20	31	443	1570	957	1.97	98.02
2	11	9	0.40	4.20	35	540	1699	1034	2.07	97.93
3	15	8	0.20	3.40	45	520	1756	1090	2.56	97.43
4	13	11	0.60	3.60	41	420	1873	975	2.19	97.81
5	14	10	0.20	2.80	56	310	1790	985	3.12	96.87

No. of trails taken=5; plants selected per treatment=5; N=25); mean damage under control ranges from 55-65%.
Result from 1st to 5th picking

OFT-7: Management of Fruit Borer in Tomato

1	Title	Management of Fruit Borer in Tomato
2	Problem Diagnose/defined	Yeild loss
3	Details of technologies selected for assessment/refinement	T0: Farmers Practice T1: Installation of pheromone traps @ 12-15 traps/ha and Spray imidacloprid 17.8 SL @ 30 ml/100 lit. of water 35 DAT (POP)
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Integrated Pest Management
6	Thematic area	Integrated Pest Management
7	Performance of the Technology with performance indicators	Ongoing
8	Final recommendation for micro level situation	Installation of pheromone traps @ 12-15 traps/ha and Spray imidacloprid 17.8 SL @ 30 ml/100 lit. of water 35 DAT (POP)
9	Constraints identified and feedback for research	Heavy yield loss and infestation
10	Process of farmer's participation and their reaction	Satisfactory

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 assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Tomato	Irrigated	Yeild loss	Management of Tomato Fruit Borer	03	Installation of pheromone traps @ 12-15 traps/ha and Spray imidacloprid 17.8 SL @ 30 ml/100 lit. of water 35 DAT (POP)	Yeild loss & % Infestation	Ongoing		Satisfactory

OFT-08: 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	Poor Shelf Life
3	Details of technologies selected for assessment/refinement	T0: Farmer's Practice T1: Capsicum will be Coated with Chitosan (2% solution) Coated surface will be air dried by using high speed fan Coated Bell Pepper will be Stored in Ambient Condition.
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Post-Harvest Management
6	Thematic area	Post-Harvest Management
7	Performance of the Technology with performance indicators	Table below
8	Final recommendation for micro level situation	Capsicum will be Coated with Chitosan (2% solution) Coated surface will be air dried by using high speed fan Coated Bell Pepper will be Stored in Ambient Condition.
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers were satisfied

Results of On Farm Trial-08

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	-	Poor Shelf Life	Effect of Edible Coating on Post-harvest Quality of Capsicum at Ambient Storage.	02 No.	Capsicum will be Coated with Chitosan (2% solution) Coated surface will be air dried by using high speed fan Coated Bell Pepper will be Stored in Ambient Condition	Weight Loss Firmness Fungal decay Sensory evaluation	Table below		Satisfactory

Treatment	PWL (%) at Day 15	Shrinkage Score	Decay Incidence (%)	Relative Cost	Overall Assessment
Control	18.0 ± 0.30	5.0	40	Very Low	Poor
0.5% Chitosan	13.5 ± 0.25	4.0	22	Low	Moderate
1.0% Chitosan	9.0 ± 0.20	2.8	08	Moderate	Best (Optimum)
1.5% Chitosan	8.5 ± 0.18	2.6	06	High	Slightly Better Quality but Less Economical

Shriveling rating: 1 = No shrinkage, 2 = Slight, 3 = Moderate, 4 = Severe, 5 = Very severe.

Decay Incidence (%) =Total number of fruits observed/ Number of decayed fruits×100

- Chitosan coating significantly reduced PWL, shrinkage, and decay compared with the control.
- 1.5% chitosan produced the lowest values for all deterioration parameters.
- However, the difference between 1.0% and 1.5% chitosan was relatively small, suggesting that 1.0% chitosan may be considered the optimum concentration when both effectiveness and economic feasibility are considered.
- Thus, for commercial application, 1.0% chitosan is recommended, whereas 1.5% chitosan provides maximum shelf-life extension.

OFT-09: Mineral Mixture Supplementation on production Performance of Sheep

1	Title	Mineral Mixture Supplementation on production Performance of Sheep
2	Problem Diagnose/defined	Lack of sheep specific mineral mixture
3	Details of technologies selected for assessment/refinement	T0= Farmers Practice T1= Feeding of 25 grams of sheep specific mineral mixture/day/animal
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Feeder Management
6	Thematic area	Feeder Management
7	Performance of the Technology with performance indicators	Table below
8	Final recommendation for micro level situation	Feeding of 25 grams of sheep specific mineral mixture/day/animal
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers were satisfied.

Results of On Farm Trial-09

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
Sheep	-	Lack of sheep specific mineral mixture	Mineral Mixture Supplementation on production Performance of Sheep	03 No.	Feeding of 25 grams of sheep specific mineral mixture/day/ animal	Growth performance (Monthly Weight gain, wool production), Health parameter (BCS, incidence of diseases), Reproductive parameters (conception rate, Lambing percentage, Birth weight of lambs). Economics	Table below		Satisfactory

Table:

Parameters	T0	T1
Average Initial Body weight (kgs)	12.48	12.24
Average final body Weight (kgs)	20.16	31.32
Average Monthly Body weight (kgs)	1.28	3.18
Total weight gain in 6 months (kgs)	7.68	19.08
BCS	2.0 to 2.5	2.5 to 3.5
Mortality	4-5%	Nil
Conception rate	65-75%	85-90%
Lambing %	85-90%	105-120%
Birth weight Kgs	2.5 -2.84	3.26-3.86
Lamb mortality 0 to 3 month	15-20%	5-10%
BCR	1.65:1	2.45:1

- Age of Sheep: **4-8 Months**
- Start Date of mineral mixture: **1st June 2025**
- Date of Completion: **30th**

OFT-10: Effect of Extended Photo period on Growth and Egg Production in Backyard Poultry.

1	Title	Effect of Extended Photo period on Growth and Egg Production in Backyard Poultry
2	Problem Diagnose/defined	Drop in egg production /less egg production
3	Details of technologies selected for assessment/refinement	T0: No artificial light; birds exposed to natural light during day time (around 8 hours) T1: Artificial light to extend photo period up to 14 -16 hours.
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Production and Management
6	Thematic area	Production and management
7	Performance of the Technology with performance indicators	Induces early maturation (18 weeks) and Increased egg production
8	Final recommendation for micro level situation	Artificial light to extend photo period up to 14 -16 hours
9	Constraints identified and feedback for research	Increased Photo period has increased the egg Production and Positive impact on bird health
10	Process of farmer's participation and their reaction	Farmers were satisfied.

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
Backyard Poultry		Drop in egg production /less egg production	Effect of Extended Photo period on Growth and Egg Production in Backyard Poultry	03 No.	Artificial light to extend photo period up to 14 -16 hours.	Egg production; Growth rate, Feed consumption, Development of vices	Table Below	➢ Induces early maturation by 6 to 7 weeks in T1 ➢ Increased Average body weight gain by 45.45% in T1 ➢ Increased Average egg production by 48. 98% in T1 ➢ FCR better in T1	Satisfactory

Table:	Parameters		T0	T1
	Average Initial Body weight grams		34.75	37.25
	Average Final Body weight grams		1461.05	2652.13
	Average Body weight grams		1426. 30	2614.88
	Average Adult body weight Kg		1.46±0.043	2.65±0.032
	Age at first Point Of Lay (PoL) weeks		24-25	17-18
	Annual Egg production		125±13.55	245±12.45
	Growth rate grams per weeks	0 to 14 weeks	65.34±7.52	97.43±12.45
		14 to 72weeks	16.26±3.62	27.45±13.61
	FCR		3.23±0.36	2.27±0.25
	Development of vices (Feather pecking)		Nil	3-5%

PART 4 - FRONTLINE DEMONSTRATIONS

4. A. Summary of FLDs implemented during 2025-26

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration				Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	OBC	Others	Total	
	Oilseeds	Rainfed/ irrigated	2025-26 (Rabi)	Brown Sarson	SS-2	-	Crop Production	Variety, IDM, INM & Plant Geometry	-	35.0	-	-	125	125	Non avaibility of seed
	Pulses														
							Crop Production								
	Cereals	Irrigated	2025 (Kharief)	Paddy	SR-2 SR-4	-	Crop Production	IDM, INM &variety	-	13.75	-	-	71	71	
		Poor nutrient management in families	2025	Multigrain Atta	Commercial varieties	-	Value addition	Multigrain Atta	-	-	-	-	10	10	
	Millets														
	Vegetables														
	Flowers														
	Fruit														
	Spices and condiments														
	Commercial														
	Medicinal and aromatic														

	Fodder	Rainfed	2025-26 (Rabi)	Oats	SFO-3	-	Fodder Production	Variety IDM, I NM	-	4.0	-	-	25	25	
	Dairy	-	2025	Cattle	-	-	Nutritional Management	UMMB	-	-	-	-	10	10	
	Poultry	-	2025	Poultry Birds	Vanraja	-	Production Management	Backyard Poultry	-	10 birds/ Head	-	-	50	50	
	Piggery														
	Sheep and goat														
	Button mushroom														
	Vermicompost														
	IFS														
	Apiculture														
	Implements														
	Others (specify)														

4. A. 1. Soil fertility status of FLDs plots during 2025-26

Sl. No.	*Category*	*Farming Situation*	*Season and Year*	*Crop*	*Variety/ breed*	*Hybrid*	*Thematic area*	*Technology Demonstrated*	*Status of soil (Kg/ha)*			*Previous crop grown*
									N	*P*	*K*	
	Oilseeds	**Irrigated**	**Rabi.2025-26**	**Brown Sarson**	**SS-2**	**-**	**Crop Production**	**INM and IDM**	**150**	**11.0**	**150**	**Paddy**
	Pulses											

Sl. No.	*Category*	*Farming Situation*	*Season and Year*	*Crop*	*Variety/ breed*	*Hybrid*	*Thematic area*	*Technology Demonstrated*	*Status of soil (Kg/ha)*			*Previous crop grown*
									N	*P*	*K*	
	Cereals	**Irrigated**	**Kharief 2025**	**Paddy**	**SR-2, SR-4**	**-**	**Crop Production**	**INM and Line Sowing**	**158**	**12.1**	**164**	**Mustard**
	Millets											
	Vegetables											
	Flowers											
	Fruit											
	Spices and condiments											
	Commercial											
	Medicinal and aromatic											
	Fodder	**Rainfed**	**Rabi 2025-26**	**Oats**	**SFO-3**	**-**	**Fodder Production**	**INM and IDM**	**149**	**11.2**	**155**	**Vegetables**
	Plantation											
	Dairy											
	Poultry	**Kharief**	**Kharief 2025**	**Poultry Birds**	**Key Stone**	**-**	**Poultry Production**	**Demonstration of feeding schedule, vaccination and management**	**-**	**-**	**-**	**-**
	Piggery											

Sl. No.	*Category*	*Farming Situation*	*Season and Year*	*Crop*	*Variety/ breed*	*Hybrid*	*Thematic area*	*Technology Demonstrated*	*Status of soil (Kg/ha)*			*Previous crop grown*
									N	*P*	*K*	
	Sheep and goat											
	Button mushroom											
	Vermicompost											
	IFS											
	Apiculture											
	Implements											
	Others (specify)											

B. Results of Frontline Demonstrations
4. B.1. Crops

Crop	*Name of the technology demo nstrated*	*Variety*	*Hybrid*	*Farming situation*	*No. of Demo.*	*Area (ha)*	*Yield (q/ha)*				*% Increase*	**Economics of demonstration (Rs./ha)*				**Economics of check (Rs. /ha)*			
							Demo			*Check*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
Oilseeds (Brown Sarson)	Variety, INM & IDM	SS-2	-	Irrigated	105	35	50	20.0	15.20	9.70	56.70	52000	135000	83000	2.5:1	45700	82750	37050	1.8:1
Pulses																			
Cereals (Paddy)	Variety, Crop Management	SR-2, SR-4	-	Irrigated	71	13.75	25	6.25	82.50	65.0	26.90	132320	225000	92680	1.7:1	122000	180000	58000	1.4:1
Maize	Variety, Crop Management	Shalimar Maize Hybrid-1	-	Rainfed	300	55	50.5	-	-	30.50	35.55	55000	112500	57500	2.04:1	55000	85000	30000	1.5:1
Millets	Popularization of Millet based Products	Millet based Products (Ragi based products viz. Ragi Nutri, Ragi flakes and Ragi atta)	-	-	05	-	Highest Sensory score and overall acceptability was for ragi flakes and then ragi Nutri. Ragi flour was least accepted as chapatti from ragi flour was less extendable and turns stale after few hours of storage.			-	-	-	-	-	-	-	-	-	-	-
Vegetables	Nutri-garden for Management of Better Health	-	Hybrid varieties of vegetables as per season (Rabi &Kharief)	Poor nutrient management in families	02	0.015	FLD is ongoing and its first trial was sowed in the Rabi Season. Initial reading for families is noted and its impact on health will be calculated after 6 months				-	-	-	-	-	-	-	-	--	
Flowers																			
Fruit																			
Spices and condiments																			

Commercial																		
Medicinal and aromatic																		
Fodder		(SFO-3)	-	Rainfed	25	4.0	130	5.0	17.20	10.80	38.37	60500	116500	56000	1:1.92	56000	83000	27000	1:1.48

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST; H – Highest Yield, L – Lowest Yield A – Average Yield

Data on additional parameters other than yield (viz., reduction of percentage in weed/pest/ diseases etc.):

Data on other parameters in relation to technology demonstrated					
Crop	***Technology to be demonstrated***	***Variety/ Hybrid***	***Parameter with unit***	***Demo***	***Check***
Apple	Weed Management under HDP	Redlum Gala	Weed control efficiency (%):	95.38	67.46

5. B.2. Livestock and related enterprises:

Type of livestock	*Name of the technology demonstrated*	*Breed*	*No. of Demo*	*No. of Units*	*Yield (liters/day and eggs/cycle)*				*% Increase*	**Economics of demonstration Rs./unit)*				**Economics of check (Rs. /unit)*			
					Demo			*Check if any*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
					H	L	A										
Dairy	UMMB	-	10	-	10.0	6.0	8.0	8.5	17.64	4200	9000	4800	2.14	4000	7650	3650	1.68:1
Poultry	Backyard Poultry	Kaveri	50	-	135	80	100	72	87.5	3750	8953	5203	1.39:1	3500	6560	3060	0.87:1
Rabbitry																	
Piggery																	
Sheep and goat																	
Duckery																	
Others (Pl. Specify)																	

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

Data on additional parameters other than yield (viz., reduction of percentage diseases, increase in conceiving rate, inter-calving period etc.): Nil

Data on other parameters in relation to technology demonstrated		
Parameter with unit	***Demo***	***Check if any***

6. B.3. Fisheries: Nil

Type of Breed	*Name of the technology demonstrated*	*Breed*	*No. of Demo*	*Units/ Area (m^2)*	*Yield (q/ha)*				*% Increase*	**Economics of demonstration Rs. /unit) or (Rs./m2)*				**Economics of check Rs./unit) or (Rs. /m2)*			
					Demo			*Check if any*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
					H	L	A										
Common carps																	

Others (pl. specify)																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H-High L-Low, A-Average

Data on additional parameters other than yield (viz., reduction of percentage diseases, effective use of land etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	***Demo***	***Check if any***

4. B.4. Other enterprises:

Enterprise	*Name of the technology demonstrated*	*Variety/ species*	*No. of Demo*	*Units/ Area {m^2}*	*Yield (q/ha)*				*% Increase*	**Economics of demonstration (Rs./unit) or (Rs./m2)*				**Economics of check (Rs./unit) or (Rs./m2)*			
					Demo			*Check if any*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
					H	L	A										
Button mushroom																	
Vermicompost																	
Apiculture																	
Others (Pl. Specify)																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H-High L-Low, A-Average

Data on additional parameters other than yield (viz., additional income realized, employment generation, quantum of farm resources recycled etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	***Demo***	***Local***
Sale of earthworms (kgs)	5000.00	0.00

4. B.5. Extension and Training activities under FLD

S. No.	***Activity***	***No. of activities organized***	***Number of participants***	***Remarks***
1	Field days	10	435	Field days were organized on scientific cultivation of Paddy, Rajmash, Field Pea and Brown Sarson
2	Farmers Training	12	275	Trainings Under FLD were conducted on management practices of various crops/enterprises
3	Media coverage	20	410	Management practices including IDM, INM, IPM etc.
4	Training for extension functionaries	06	210	-
5	Others (Please specify)	-	-	-

5. Achievements on Training (Including the sponsored, vocational, FLD and trainings under Rainwater Harvesting Unit):

A) **ON Campus**

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming	01	06	16	22	0	0	0	6	16	22
Water management										
Seed production										
Nursery management										
Integrated Crop Management										
Fodder production										
Production of organic inputs										
Others										
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables like Broccoli										
Export potential vegetables										
Grading and standardization										
Protective cultivation (Green Houses, Shade Net etc.)										
Others	01	03	21	24	0	0	0	03	21	24
b) Fruits										
Training and pruning	01	08	07	15	0	0	0	8	7	15
Layout and Management of Orchards	01	15	09	24	0	0	0	15	9	24
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										

Micro irrigation systems of orchards										
Plant propagation techniques	02	22	12	34	0	0	0	22	12	34
Others										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
f) Spices										
Production and Management technology										
Processing and value addition										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post-harvest technology and value addition										
III Soil Health and Fertility Management										
Soil fertility management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient										

deficiency in crops										
Nutrient Use Efficiency										
Balance Use of fertilizer	01	12	06	18	0	0	0	12	6	18
Soil and Water Testing										
Others										
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed management										
Production of quality animal products										
Others										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Income generation activities for empowerment of rural Women										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
VI Agril. Engineering										
Installation and maintenance of micro										

irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post-Harvest Technology	01	12	10	22	0	0	0	12	10	22
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer										

production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Others										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
TOTAL	**8**	**70**	**65**	**159**	**0**	**0**	**0**	**78**	**81**	**159**

(B) RURAL YOUTH										
Mushroom Production	01	13	12	25	0	0	0	13	12	25
Bee-keeping										
Integrated farming	01	13	12	25	0	0	0	13	12	25
Seed production										
Production of organic inputs										
Vermiculture										
Planting material production										
Vermi-culture										
Sericulture										
Protected cultivation of vegetable crops										
Commercial fruit										

production										
Repair and maintenance of farm machinery and implements										
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Value addition	01	16	04	20	0	0	0	16	4	20
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production	01	15	10	25	0	0	0	15	10	25
Ornamental fisheries										
Para vets										
Para extension workers										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Small scale processing										
Post-Harvest Technology	01	12	10	22	0	0	0	12	10	22
Tailoring and Stitching										
Rural Crafts										
Others										
TOTAL	**05**	**69**	**44**	**117**	**0**	**0**	**0**	**69**	**48**	**117**

(C) Extension Personnel										
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient										

management										
Rejuvenation of old orchards										
Protected cultivation technology	01	15	02	17	02	01	3	17	3	20
Formation and Management of SHGs										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Care and maintenance of farm machinery and implements										
WTO and IPR issues										
Management in farm animals										
Livestock feed and fodder production	01	15	10	25	0	0	0	15	10	25
Household food security										
Women and Child care										
Low cost and nutrient efficient diet designing										
Production and use of organic inputs										
Gender mainstreaming through SHGs										
Others	01	20	05	25	0	0	0	20	5	25
TOTAL	**03**	**50**	**10**	**67**	**0**	**0**	**3**	**52**	**18**	**70**

B) **OFF Campus**

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production										
Nursery management										
Integrated Crop Management										

Fodder production										
Production of organic inputs										
Others	01	01	01	01	01	01	01	01	01	01
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables like Broccoli										
Export potential vegetables										
Grading and standardization										
Protective cultivation (Green Houses, Shade Net etc.)										
b) Fruits										
Training and pruning	03	43	23	66	0	0	0	43	23	66
Layout and Management of Orchards	01	13	08	21	0	0	0	13	8	21
Cultivation of Fruit	01	14	31	45	10	09	19	24	40	64
Management of young plants/orchards	01	15	23	38	12	06	18	27	29	56
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques	01	18	04	22	0	0	0	18	4	22
Others	01	20	06	26	0	0	0	20	6	26
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
e) Tuber crops										
Production and										

Management technology										
Processing and value addition										
f) Spices										
Production and Management technology										
Processing and value addition										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post-harvest technology and value addition										
III Soil Health and Fertility Management										
Soil fertility management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizer										
Soil and Water Testing	01	16	08	24	0	0	0	16	8	24
Others	01	80	150	230	20	50	70	100	200	300
IV Livestock Production and Management										
Dairy Management	01	18	05	23	0	0	0	18	5	23
Poultry Management	01	13	10	23	0	0	0	13	10	23
Piggery Management										
Rabbit Management										
Animal Nutrition Management	01	15	10	25	0	0	0	15	10	25
Disease Management	02	24	13	37	0	0	0	24	13	37
Feed management	02	25	10	35	15	10	25	40	20	60
Production of quality animal products	01	0	0	0	15	05	20	15	5	20
Others	01	13	06	19	0	0	0	13	6	19
V Home										

Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Income generation activities for empowerment of rural Women										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	01	22	15	37	0	0	0	22	15	37
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post-Harvest Technology										
VII Plant Protection										
Integrated Pest Management	03	80	24	104	0	0	0	80	24	104
Integrated Disease Management	02	27	14	41	0	0	0	27	14	41
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
VIII Fisheries										

Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	01	13	08	21	0	0	0	13	8	21
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Apiculture	01	16	06	22			0	16	6	22
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social										

capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
TOTAL	**28**	**505**	**328**	**884**	**72**	**60**	**152**	**577**	**459**	**1036**
(B) RURAL YOUTH										
Nursery Management of Horticulture crops	01	34	05	39	10	0	10	44	5	49
Mushroom Production										
Bee-keeping										
Integrated farming	01	0	05	5	15	05	20	15	10	25
Seed production	01	20	10	30	0	09	9	20	19	39
Production of organic inputs										
Integrated Farming										
Planting material production										
Vermi-culture										
Sericulture										
Protected cultivation of vegetable crops										
Commercial fruit production										
Repair and maintenance of farm machinery and implements										
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Value addition										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Para vets										

Para extension workers										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Small scale processing										
Post-Harvest Technology	01	18	12	30	0	0	0	18	12	30
Tailoring and Stitching										
Rural Crafts										
Others										
TOTAL	**04**	**72**	**22**	**104**	**25**	**0**	**39**	**97**	**46**	**143**
(C) Extension Personnel										
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Formation and Management of SHGs										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Care and maintenance of farm machinery and implements										
WTO and IPR issues										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Women and Child care										
Low cost and nutrient										

efficient diet designing										
Production and use of organic inputs										
Gender mainstreaming through SHGs										
Others										
TOTAL	0	0	0	0	0	0	0	0	0	0

C) Consolidated Table (ON and OFF Campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming	01	06	16	22	0	0	0	6	16	22
Water management										
Seed production										
Nursery management										
Integrated Crop Management										
Fodder production										
Production of organic inputs										
Others	01	01	01	01	01	01	01	01	01	01
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables like Broccoli										
Export potential vegetables										
Grading and standardization										
Protective cultivation (Green Houses, Shade Net etc.)										
Others	1	3	21	24	0	0	0	3	21	24
b) Fruits										
Training and pruning	04	51	30	81	0	0	0	51	30	81
Layout and Management of Orchards	02	28	17	45	0	0	0	28	17	45

Cultivation of Fruit	01	14	31	45	10	09	19	24	40	64
Management of young plants/orchards	01	15	23	38	12	06	18	27	29	56
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques	02	40	16	56	0	0	0	40	16	56
Others	01	20	06	26	0	0	0	20	6	26
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
f) Spices										
Production and Management technology										
Processing and value addition										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post-harvest technology and value addition										
III Soil Health and Fertility Management										
Soil fertility management										
Soil and Water Conservation										

Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizer	01	12	06	18	0	0	0	12	6	18
Soil and Water Testing	01	16	08	24	0	0	0	16	8	24
Others	01	80	150	230	20	50	70	100	200	300
IV Livestock Production and Management										
Dairy Management	01	18	05	23	0	0	0	18	5	23
Poultry Management	01	13	10	23	0	0	0	13	10	23
Piggery Management										
Rabbit Management										
Animal Nutrition Management	01	15	10	25	0	0	0	15	10	25
Disease Management	02	24	13	37	0	0	0	24	13	37
Feed management	02	25	10	35	15	10	25	40	20	60
Production of quality animal products	01	0	0	0	15	05	20	15	5	20
Others	01	13	06	19	0	0	0	13	6	19
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Income generation activities for empowerment of rural Women										
Location specific drudgery reduction										

technologies										
Rural Crafts										
Women and child care	01	22	15	37	0	0	0	22	15	37
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post-Harvest Technology	01	12	10	22	0	0	0	12	10	22
VII Plant Protection										
Integrated Pest Management	03	80	24	104	0	0	0	80	24	104
Integrated Disease Management	02	27	14	41	0	0	0	27	14	41
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
IX Production of Inputs at site										
Seed Production										

Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	01	13	08	21	0	0	0	13	8	21
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Apiculture	01	16	06	22			0	16	6	22
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
TOTAL	**36**	**575**	**393**	**968**	**72**	**60**	**152**	**647**	**453**	**1100**
(B) RURAL YOUTH										
Nursery Management of Horticulture crops	01	34	05	39	10	0	10	44	5	49
Mushroom Production	01	13	12	25	0	0	0	13	12	25
Bee-keeping										
Integrated farming	02	13	17	30	15	05	20	28	22	50
Seed production	01	20	10	30	0	09	9	20	19	39
Production of organic inputs										
Integrated Farming										
Planting material production										

Vermi-culture										
Sericulture										
Protected cultivation of vegetable crops										
Commercial fruit production										
Repair and maintenance of farm machinery and implements										
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Value addition	01	16	04	20	0	0	0	16	4	20
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production	01	15	10	25	0	0	0	15	10	25
Ornamental fisheries										
Para vets										
Para extension workers										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Small scale processing										
Post-Harvest Technology	02	30	22	52	0	0	0	30	22	52
Tailoring and Stitching										
Rural Crafts										
Others										
TOTAL	**09**	**141**	**66**	**207**	**25**	**0**	**25**	**166**	**66**	**232**
(C) Extension Personnel										
Productivity enhancement in field crops										

Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology	01	15	02	17	02	01	3	17	3	20
Formation and Management of SHGs										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Care and maintenance of farm machinery and implements										
WTO and IPR issues										
Management in farm animals										
Livestock feed and fodder production	01	15	10	25	0	0	0	15	10	25
Household food security										
Women and Child care										
Low cost and nutrient efficient diet designing										
Production and use of organic inputs										
Gender mainstreaming through SHGs										
Others	01	20	05	25	0	0	0	20	5	25
TOTAL	**03**	**50**	**10**	**67**	**0**	**0**	**3**	**52**	**18**	**70**

Note: Please furnish the details of above training programmes as <u>Annexure</u> in the proforma given below

List of Training Programmes conducted under Practising Farmers April 2025-March 2026

List of the Training Programme	Beneficiaries (No.) MALE			Beneficiaries (No.) FEMALE			Grand Total
	SC/ST	Others	Total	SC/ST	Others	Total	
Orientation Programme of RHWE Students under STUDENT READY Programme at KVK Campus on 7th of April 2025	0	03	03	0	21	21	24
03 Day Awareness/Training /Registration of Farmers under National Mission on Natural Farming w.e.f 28-30 April, 2025 at Faqir Gujri A, Faqir Gujri B. Dara A, Dara B, Theed A and Theed B.	80	20	100	150	50	200	300
03 Training Programme on Pollination Management of Fruit Crops at Ranbirgrah on 1-3th April 2025	12	15	27	06	23	29	52
03 Training Programme on Thinning of Fruit Crops at Harwan on 14-16th April 2025	10	14	24	09	31	40	64
Integrated Pest Management in Horticulture Crops w.e.f 29th May to 15th June 2025 under VKSA at Qamarwari, Mujigund, Gandthal, Shunglipora.	0	55	55	0	16	16	71
Training Programme on Apiculture as a Livelihood Opinion at village Ranbirgrah on 07-06-2025.	0	16	16	0	06	06	22
Training Programme on Organic Pest and Disease Management in Horticulture Crops at Darbagh on 05-06-2025.	0	15	15	0	08	08	23
Hands on Training on Compost Preparation and Vermicomposting on 03-06-2025 at Miskeen Bagh.	0	13	13	0	08	08	21
Hands on Training on Summer Pruning in Apple on 10-06-2025 at village Tailbal A & B.	0	14	14	0	10	10	24
Hands on Training and Method Demonstration of Paddy Transplanting on 11-06-2025 at village Burzahama.	0	20	20	0	05	05	25
Hands on Training on Canopy Management of Fruit Crops on 13-06-2025 at village Gulab Bagh	0	13	13	0	08	08	21
Hands on Training and Method Demonstration of Paddy Transplanting on 14-06-2025 at village Harwan.	0	15	15	0	15	15	30
Awareness on Nutritional Deficiencies in School going Children at Aspire World School Humhama on 2nd Oct 2025	0	22	22	0	15	15	37
Awareness Programme on "Post-Harvest Management of Fruits & Vegetables at KVK Srinagar on 8th Oct 2025	0	12	12	0	10	10	22
Awareness Programme under National Mission on Natural Farming" at KVK Srinagar on 15th Oct 2025	0	06	06	0	16	16	22
Awareness Programme on Management of Repeat Breeders in Dairy Herds on 15th September 2025 at village Khonmoh	0	18	18	0	05	05	23
Integrated Approach to Control of	0	10	10	0	05	05	15

Gastrointestinal Nematodes in Small Ruminants on 18 September 2025 at village Nadergund							
Mass Deworming Campaign in Sheep in Collaboration with Sheep Husbandry Department Srinagar on 24 September 2025	0	13	13	0	06	06	19
Awareness cum Demonstration on Preservation of Fodder through Hay and Silage Making on 30 September 2025 at Balhama	0	15	15	0	10	10	25
Training Programme on Method of Fertilizer Application in Apple at KVK Campus on 09-10-2025	0	12	12	0	06	06	18
Role of Pollinizers and Pollination in Temperate Fruit Crops on at KVK Campus 15-10-2025	0	15	15	0	09	09	24
Training Programme on "Importance of Mulches in Different Fruit Crops" at KVK Campus on 20-10-2025	0	10	10	0	06	06	16
Training and Pruning in Fruit Crops and Soil Sampling Techniques at KVK Campus on 24-10-2025	0	08	08	0	07	07	15
Method Demonstration on Soil Sampling & Management of Apple Canker at Khimber on 18-11-2025	0	16	16	0	08	08	24
Method Demonstration of Pruning in Traditional and High-Density Orchards at Zakura & Gulabagh on 21-11-2025	0	15	15	0	06	06	21
Hands on Training, Capacity Building, and Real-Time Monitoring of Natural Farming at Harwan on 28-11-2025.	0	20	20	0	06	06	26
Awareness-cum-Skill Development Training Programme (10 day) on Plant Architecture & Canopy Management at Harwan & Zakura w.e.f 11-11-2025	0	18	18	0	04	04	22
Scientific Feeding Management of Dairy Cattle at Khonmoh on 09-12-2025	0	25	25	0	10	10	35
Awareness cum Training on Clean Milk Production at Faqirgujri on 16-12-2025.	15	0	15	05	0	05	20
Training & Pruning in High Density and Traditional Orchards at Chatterhama on 15-12-2025	0	14	14	0	07	07	21
Propagation Techniques in Temperate Fruit Crops with special reference to Walnut at KVK Campus on 23-12-2025	0	12	12	0	06	06	18
Integrated Pest Management in Horticulture Crops at Nadergund on 15-12-2025	0	15	15	0	0	0	15
Preservation of Fodder through Hay and Silage Making at Faqirgujri on 12-01-2026	15	0	15	10	0	10	25
Awareness Programme on Reducing the Early Chick Mortality in Poultry at Dara on 09-02-2026	0	13	13	0	10	10	23
Awareness Programme on Management of Foot rot in Sheep at Nadergund on 23-02-2026	0	14	14	0	08	08	22
Integrated Pest Management in Field Crops at Ranbirgarh on 08-01-2026	0	10	10	0	08	08	18
Management of Apple Leaf Blotch Miner at Rainawari on 15-01-2026	0	12	12	0	06	06	18

Nursery Techniques for Raising Quality Planting Material at KVK Campus on 16-03-2026	0	13	13	0	05	05	18
Pollination Management in Temperate Fruit Crops at Tailbel on 25-03-2026	0	15	15	0	06	06	21

List of Training Programmes conducted under Rural Youth April 2025-March 2026

List of the Training Programme	Beneficiaries (No.) MALE			Beneficiaries (No.) FEMALE			Grand Total
	SC/ST	Others	Total	SC/ST	Others	Total	
06 Days training programme on, "Nutritional management of Low- and high-density Apple orchards" at Horticulture Department Zone Srinagar, Zakura and Shalimar from 21-26th April, 2025.	10	34	44	0	05	05	50
02 days Training Programme on NMNF on 6-7th August 2025 at village Faqirgujri.	15	0	15	05	05	05	20
Skill Entrepreneurship in Processing and value addition of Fruits and vegetables w.e.f 16th -22nd July 2025 at KVK Campus.	0	16	16	0	04	04	20
Processing of Seasonal Fruits & Vegetables w.e.f 3th – 5th July 2025 at KVK Campus.	0	12	12	0	10	10	22
03 days Skill development Training on "Scientific Management of Broiler and Backyard Poultry Farming" on 11 -13th July 2025 at KVK Campus	0	15	15	0	10	10	25
03 days Awareness cum Hands on Training on "Processing of Seasonal Fruits & Vegetables" for college going Girls w.e.f 01- 3rd July 2025 at KVK Campus.	0	13	13	0	12	12	25
Post-harvest Management of Insect Pests and Diseases in Horticulture Crops at Qamarwari Srinagar 10th October 2025.	0	18	18	0	12	12	25
Pest Management in Stone Fruit Crops at Shalimar on 30-10-2025	0	20	20	0	30	30	50
Entrepreneurship and Skill Development Training Programme on Hi-Tech Mushroom Farming at KVK campus on 04-02-2026	0	13	13	0	12	12	25
Integrating Digital Soil Mapping and Precision Farming at KVK Campus on 04-02-2026	0	13	13	0	12	12	25

List of Training Programmes conducted under In-service April 2025-March 2026

List of 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 on 15-05-2025	02	15	17	01	02	03	20
Entrepreneurship Opportunities Integrated Farming System on 18-06-2025 at KVK Campus.	0	20	20	0	05	05	25
Self Employment Generation through Scientific Livestock Farming at KVK Campus on 05-10-2025	0	15	15	0	10	10	25

D) Vocational training programmes for Rural Youth:

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
					Male	Female	Total	Type of units	Number of units	Number of persons employed	
Apiculture	w.e.f Feb 03, 2026	Hi-Tech Mushroom Farming	Integrated Farming	14	30	15	45	1	1	2	-
Apiculture	12 – 23rd Feb 2025	Agri-preneurship in Mushroom Farming	Integrated Farming	12	25	15	40	1	2	2	-
Rural Craft	w.e.f 1st December 2025	Agripreneurship on Bakery and Craft Products	Value Addition								-
Fruit Crops	13 w.e.f 11-11-2025	Canopy Management to Impart Comprehensive Scientific and Technical Skills to Unskilled Pruners, Nursery Growers and Fruit Growers	Cultivation of Fruit	10	16	06	22	1	1	1	-
Vegetables	March 9-16, 2026	Pollination Management in Cucurbits	Integrated Crop Management	07	15	05	20	-	-	-	-

*Training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes conducted by KVK:

S. No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
								Others			SC/ST			Total				
								Male	Female	Total	Male	Female	Total	Male	Female	Total		
01	16th-22nd July 2025	Processing, Canning and Packaging of Fresh Fruits and Vegetable	FST	PHT	07	RY	01	0	20	20	0	0	0	0	20	20	-	-
02	w.e.f 3-5 July 2025	Processing of Seasonal Fruits & Vegetables	FST	Value Addition	03	RY	01	30	0	30	0	0	0	30	0	30	-	-

03	20-24th March 2025	Skill Training on Natural Farming	Soil Science	Production of Input at Site	05	RY	01	10	50	60	0	0	0	10	50	60	-	-
04	11-13 July 2025	Scientific Management of Broiler and Backyard Poultry Farming	Animal Science	Backyard Poultry Farming	03	RY	01	24	0	24	0	0	0	24	0	24	-	-
05	08-10-2025	Post-Harvest Management of Fruits & Vegetables	FST	PHT	03	RY	01	0	22	22	0	0	0	0	22	22	-	-

(F) Skill Development Training under ASCI Conducted by selected KVKs: Nil

Sl. No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/ RY/EF)	No. of courses	No. of Participants								
								Others			SC/ST			Total		
								M	F	Total	M	F	Total	M	F	Total
Total																

6. EXTENSION ACTIVITIES CONDUCTED DURING 2025-26

Nature of Activity	No. of Activities	SC/ST (Farmers) (I)			OBC/Other (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	**06**	58	24	82	85	60	145	4	5	9	147	89	236
Kisan Mela	**02**	110	35	145	1015	515	1530	7	5	12	1132	555	1687
Kisan Ghosthi	**04**	45	42	87	90	50	140	4	3	7	139	95	234
Exhibition	**08**	60	40	100	191	165	356	6	2	8	257	207	464
Film Show	**25**	130	50	180	530	150	680	5	8	13	665	208	873
Method Demonstrations	**35**	150	40	190	381	276	657	8	5	13	539	321	860
Workshop	**40**	145	70	215	320	265	585	7	5	12	472	340	812
Lectures delivered as resource persons	**60**	330	130	460	540	260	800	30	21	51	900	411	1311
Newspaper coverage	**35**	0	0	0	0	0	0	0	0	0	0	0	0
TV talks	**40**	0	0	0	0	0	0	0	0	0	0	0	0
Popular articles	**08**	0	0	0	0	0	0	0	0	0	0	0	0
Extension Literature	**15**	145	60	205	410	150	560	25	19	44	580	229	809
Advisory Services	**75**	120	90	210	260	140	400	24	17	41	404	247	651
Scientific visit to farmers field	**80**	140	80	220	450	260	710	13	7	20	603	347	950
Farmers visit to KVK	**-**	264	71	335	418	255	673	0	0	0	682	326	1008
Diagnostic visits	**40**	75	54	129	190	175	365	12	8	20	277	237	514
Exposure visits	**15**	150	59	209	520	230	750	11	5	16	681	294	975
Ex-trainees Sammelan	**02**	0	0	0	20	11	31	0	0	0	20	11	31
Soil health Camp	**01**	0	0	0	19	8	27	3	2	5	22	10	32
Animal Health Camp	**02**	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	10	16	10	26	72	26	98	3	2	5	91	38	129
Total	**503**	**1938**	**855**	**2793**	**5511**	**2996**	**8507**	**162**	**114**	**276**	**7611**	**3965**	**11576**

6. B. Kisan Mobile Advisory Services

Kisan Mobile Advisory									
Name of the KVK	No. of farmers Covered	No. of Advisories Sent	Type of messages						
			Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Any other
Srinagar	**17000**	**120**	**65**	**20**	**10**	**10**	**10**	**10**	**-**

6. C. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

No. of Technology week celebrated	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
01	Gosthies	1	65	
	Lectures organized	4	55	Vegetables, Poultry, Dairy, Mushroom
	Exhibition	1	45	
	Film show	4	45	
	Fair	1	25	
	Farm Visit	1	30	
	Diagnostic Practical's	3	50	
	Distribution of Literature (No.)	3	70	
	Distribution of Seed (q)	1	30	
	Distribution of Planting materials (No.)	10	850	
	Bio Product distribution (Kg)	0	0	
	Bio Fertilizers (q)	0	0	
	Distribution of fingerlings	0	0	
	Distribution of Livestock specimen (No.)	0	0	
	Total number of farmers visited the technology week	**Total**	**1265**	

7. Production and supply of Technological products

A) **SEED MATERIALS:**

Major group/class	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
OILSEEDS					
PULSES					
VEGETABLES	Garlic	Local	1.45	2850	15
	Pea	HFP-715	0.45	3050	10

FLOWER CROPS					
OTHERS (Specify)					

*An example for guidance only

B) **PLANTING MATERIALS**

Major group/class	**Crop**	**Variety**	**Quantity (Nos.)**	**Value (Rs.)**	**Provided to No. of Farmers**
FRUITS	Apple	Redlum Gala	45		
	Cherry	Ragina	50		
	Apricot	CITH-1	62		
	Plum	Santa Rosa	45		
	Grapes	Sahabi	75		
SPICES					
VEGETABLES	Capsicum	Shalimar	2010		
	Cauliflower	Snow White	1150		
	Cabbage	Golden acre	1050		
	Brinjal	Local Long	1520		
	Tomato	Shalimar Hybrid-1	2150		
	Onion Seedlings	Red Globe	1520		
	Cucumber	JGL	250		
	Bottle guard	Shalimar Improved	220		
	Knol Khol	Early White Veina	12550		
	Chilli		3205		

FOREST SPECIES					
ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

*An example for guidance only

C) **BIO PRODUCTS: Nil**

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS						
1						
2						
3						
4						
BIOFERTILIZERS						
1						
2						
3						
4						
BIO PESTICIDES						
1						
2						

D) **LIVESTOCK:**

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			No.	Kgs		
Cattle						
SHEEP AND GOAT						
POULTRY	**Backyard Poultry**	**Key Stone**	**500 No.**		**25550**	**60**
FISHERIES						
Others (Specify)	**Ducks**	**Local**	**18 No.**		**10000**	**05**

*** An example for guidance only**

PART 8 – PUBLICATION, SUCCESS STORY, SWTL, TECHNOLOGY WEEK AND DROUGHT MITIGATION

8. Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter – (Name, Date of start, periodicity, number of copies distributed, etc.)
(B) KVK e-News Letter – (Name, Date of start, periodicity, Name of the Website uploaded)

(C) Literature developed/published

Item	*Title*	*Authors name*	*Number of copies*
Research Papers	Autohemotherapy: An effective treatment regimen for teat warts in cattle under Leh Ladakh conditions	Ishtiyak Ahmad Mir	-
	Economic Viability and Comparative Constraint Analysis of Low-cost vs. Hi-Tech Protected Cultivation in Temperate North India	Haseeb ur Rehman, Saima Paul	-
	Influence of extraction techniques on the quality characteristics of silkworm pupal oil: A comparison of Soxhlet and maceration method	S.A. Simnanai	-
	Vegetative growth response of "William Bartlett" pear (Pyrus communis L.) to foliar nutrient sprays	S.A. Simnanai	-
	Unlocking the Grapevine Pollination Dynamics and Potential for Hybridization in Temperate Region of Kashmir Valley	S.A. Simnanai	-
	Interaction effect of bud load, fertilizer and micronutrient application on vegetative and pomological traits of grape cv. Sahebi	S.A. Simnanai	-
	Exploring and comparing outlier detection approaches for apple data	S.A. Simnanai	-
	Benchmarking soil potassium extraction methods and establishing critical thresholds for wheat production in Inceptisols.	Owais Bashir	-
	Biochar and anionic polyacrylamide modulated soil hydraulic functions catalyze water saving, root development and yield of basmati rice.	Owais Bashir	-
	Soil bulk density estimation by a novel pedo transfer function tailored on hilly terrains.	Owais Bashir	-
	Graft incompatibility in fruit crops: Causes, detection techniques and remedial measures.	Haseeb ur Rehman	-
	A Comprehensive Review of the Diversity, Decline, and Conservation Imperatives of the Halictidae Family	Showket Ahmad Dar	-
	Antioxidant capacity and therapeutic applications of honey: Health benefits, antimicrobial activity and food processing roles	Showket Ahmad Dar	-
	Bio-ecology and parasitism behavior on white grubs (Coleoptera: Scarabaeidae) species in landscapes of Himalayan region"	Showket Ahmad Dar	-
	Studies on biology and gut Microbiota and the impact of temperature variations on Brinjal Shoot and Fruit Borer (Leucinodes orbonalis, Guenee) development	Showket Ahmad Dar	-
	Description of new species of genus *Homoporus* Thomson (1878) Hymenoptera: Pteromalidae) in Northern India, along with key for Indian species	Showket Ahmad Dar	-

Total	**16**	-	-
Technical reports	-	-	-
Technical bulletins	-	-	-

Total	**-**	**-**	**-**
Popular articles	Adolescent Parent Relationship Internet Expectancy & Social Media Addiction Moderating Role of Gender	Dr. Saima Paul	25
	Protected cultivation of horticultural crops: Practices, opportunities and challenges-a review	Haseeb ur Rehman, Owais Bashir, Showket Ah Dar, Saima Paul, Ishtiyak A Mir, Uzma Bashir and SA Simnani	10
	Graft incompatibility in fruit crops: Causes, detection techniques and remedial measures	Haseeb ur Rehman*, Owais Bashir and Saima Paul	20
	Bio stimulants towards soil health improvement.	Owais Bashir	20
Total	**04**	-	**75**
Training Manual	-	-	-
Total	**-**	-	-
Extension literature	-	-	-
Folders /leaflets	Chapter 29: Revival of millets as a natural remedy for combating hidden hunger- Book chapter in Emerging Techniques in Food Processing by New India Publishing Agency (NIPA)	Aasima Rafiq, Mariya Nayeem and Abida Jabeen	-
	Chapter 25: Quinoa: A Medical Marvel- Book chapter in Emerging Techniques in Food Processing by New India Publishing Agency (NIPA)	Mariya Nayeem and Aasima Rafiq	-
	Chapter 9: Xanthan gum-based films in book on "Polysaccharide Based Films for Food Packaging: Fundamentals, Properties and Applications" to be published in Springer Nature.	Abida Jabeen, Aasima Rafiq, Mariya Nayeem, Bushra Manzoor	-
	Chapter 17. Challenges in commercialization of polysaccharide-based films in book on "Polysaccharide Based Films for Food Packaging: Fundamentals, Properties and Applications" to be published in Springer Nature.	Aasima Rafiq, Abida Jabeen, Mariya Nayeem, Bushra Manzoor and Mumtahin-ul-Kausar	-
	CHAPTER 4: CEREAL AND MILLET-BASED PRODUCTS: TRANSFORMATION FROM CONVENTIONAL TO NOVEL –Book chapter in the book entitled "Functional Foods Beyond the Fundamentals: Conventional to Novel" published by Cambridge scholars Publishing	Aasima Rafiq, Mariya Nayeem, Bushra Manzoor	-
TOTAL	**05**	**-**	**-**

(D) Details of Electronic Media Produced: Nil

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number

(E) Mobile App developed by KVK: Nil

S. No.	Name of KVK	Name of Mobile App Developed	Year in which App is Developed	No. of Users downloaded the App	Type of information offered by the App (seeds, fertilizers, market prices, weather etc.)

9. A. Success stories/Case studies, if any (two- or three-pages write-up on each case with suitable action photographs)



A) Instant Namkeen Chai (Noonley)

1. Title of the Success Story:

- Instant Namkeen Chai (Noonley)

Namkeen Chai or noonchai is a traditional tea preparation from the Kashmir region of India, which is known for its unique taste and aroma. However, the traditional process of making noonchai involves boiling or steeping tea leaves in water for a long time, which can be time consuming and energy intensive. Moreover, the addition of baking soda, which is commonly used in the traditional preparation, has been associated with health risks such as gastric cancer. Therefore, there is a need for an instant and healthy alternative to traditional noonchai.

2. Department:

- KVK Srinagar, (SKUAST-Kashmir)

3. Background Information:

- **Location:**
  - KVK Srinagar (Jammu & Kashmir)
- **Beneficiary Details:**
  - Dr. Saima Paul (Sr. Scientist)
  - 7006951240

4. Objectives:

- To facilitate the local community by Energy and Time

5. Description of the Initiative:

- **Overview:**

The present invention provides an instant Namkeen Chai or noonchai powder mix called Noonley, which can be prepared instantly by simply adding hot water and milk. The Noonley mix is made from pure and natural ingredients without any harmful chemicals or baking soda. It contains essential electrolytes, vitamins, and antioxidants that can help boost energy levels, immunity, and overall health. The instant preparation of Noonley saves time, energy, and resources, making it a convenient and affordable option for people who love the taste of Kashmiri noonchai.

- **Implementation Process:**

We have faced many challenges & constraints but by the help of university we overcome all the problems especially by the SKUAST-K INNOVATION, INCUBATION & ENTREPRENEURSHIP CENTRE(SKIE) under start up programme

- **Stakeholders Involved:**
  - Local Communities
- **Duration:**
  - 1 ½ year

6. Innovations and Best Practices:

  - Harmful chemicals used in manufacturing Natural and herbal ingredients used. No baking soda included in the procedure. Noonley Sachet makes it easy to prepare. No harmful chemicals used in manufacturing Natural and herbal ingredients used Noonley Instant Noon Chai - Convenient and Healthy boosts energy levels instantly

7. Results and Impact:

- **Quantitative Outcomes:**
- Whether you are in hurry for the day, you are running low on energy; Noonley (Instant Namkeen Chai) helps you as a magical cup in your hand.
- Easy to Make.
- Need fewer ingredients
- Time saving
- Flavor Taste

- **Qualitative Outcomes:**
  - NA
- **Sustainability:**
  - Awaited

8. Challenges Faced:

The process of making Noon Chai is by boiling kashmiri tea in water for a quiet long time which can be hectic and consume a lot of fuel due to which common people struggle through hefty electricity gas bills but here comes the savour Nooley instant noonchai no problem in waiting and consuming so much to get perfect pick tea9. Lessons Learned:

- Strengthening market Strategies

10. Future Plans:

- Come up with startup.

11. Visuals:

- Attach geo tagged photographs, to support the story.

12. Contact Information:

  - Dr. Saima Paul (Sr. Scientist)

- 7006951240/saimapaul991@gmail.com





Success Story-1: An IFS Farmer's Journey to Success Through Heritage/Niche crop Cultivation

Details of the entrepreneur



Name	Mr. Mohammed Maqbool Bhat
Age	45
Address	Theed Harwan
Qualification	8th Pass
Mobile	9797372895
KVK	KVK Srinagar, SKUAST-Kashmir

Background / Situation

Mr. Mohammed Maqbool Bhat is from New Theed area of District Srinagar and has passion for agriculture, horticulture and allied fields. He owns paddy land of 0.8 ha, fruit orchard of 1.5 ha, Vermicompost unit and rears sheep and cattle at his courtyard. The farmer is first and only producer of Red (Zag) and scented (Mushkibudji) rice in district Srinagar. The farmer also produces off-season vegetable and flower seedlings as well as bonsai floriculture/forest trees in containers. He has been associated with KVK Srinagar since 2023 and attended many training programmes on canopy management of fruit crops, hi-tech nursery management of horticulture crops, vermicomposting and scientific beekeeping.

KVK Intervention

- KVK Srinagar provided time-to-time hands on trainings, guidance, support and valuable insights.
- Adopted him for laying OFT's and FLD's at his field.
- Helped him in making me skilled pruner, successful nursery holder, sheep/ Dairy farmer and also skilled Scented/Zag rice producer
- Introduced him to high density orcharding and latest apple, pear, cherry, grape and kiwi varieties.
- Provide seed, inputs and technology for producing Red (Zag) and scented (Mushkibudji) rice in district Srinagar.

- Provided feedback and constructive criticism to help me in continuously improving and growing.

Innovation / Initiative

- Initially supplied his products to locals in his area.
- KVK Srinagar gave opportunity to sell his produce at Seed cum Technology Mela at SKUAST-K.
- The farmer has now become successful nursery grower of horticulture crops.
- The farmer is now a skilled pruner of Hi and Low-Density fruit orchards and earns employment.

Socio-Economic Impact:

The Red/ Mushkibudji Rice, Fruit Nursery Plants, Bonsai Forest/ Flower Trees and Off-Season Vegetables/ Flower Seedlings has high demand in market and has turnover of more than 7 Lacs (Table 1).

The continuous association of Mr. Mohammed Maqbool Bhat with KVK Srinagar, SKUAST-Kashmir has resulted in significant economic upliftment, livelihood diversification, skill development and social recognition. The interventions of KVK have transformed him from a small traditional farmer into a progressive Integrated Farming System (IFS) farmer and the only producer of Red (Zag) and Scented (Mushkibudji) rice in District Srinagar.

Adoption of scientific crop production technologies, diversified enterprises and value-based farming has substantially increased his farm income. During 2024–25, his integrated enterprises generated a gross return of ₹13.73 lakhs with a net income of ₹7.21 lakhs and an overall B:C ratio of 2.10, indicating high economic viability. Enterprises such as sheep rearing (B:C 3.48), vermicomposting (2.71), Mushkibudji & Zag rice (2.53), fruit nursery (2.41), and bonsai & landscaping plants (2.40) significantly enhanced profitability. His dependence on a single crop has reduced, ensuring year-round income and financial stability.

The integrated farming model has created self-employment for Mr. Maqbool Bhat and additional employment opportunities for local youth and laborers, particularly in fruit nursery raising, pruning services, sheep and dairy management, vermicomposting and seedling production. His skill as a trained pruner of high- and low-density orchards has enabled him to earn additional income through service provision in nearby villages.

Through regular trainings, capacity building programmes, OFTs, FLDs and hands-on guidance by KVK Srinagar, the farmer has developed expertise in scientific production of Red (Zag), Mushkibudji rice, fruits; nursery management, vermicomposting, scientific sheep and dairy farming, off-season vegetable and flower seedling production This capacity building has empowered him to adopt advanced technologies and improve farm efficiency.

Mr. Maqbool Bhat has emerged as a role model farmer in the Srinagar district. His success has enhanced his social status, confidence and leadership role in the farming community. Participation in Seed cum Technology Mela at SKUAST-K has helped him gain market exposure and recognition. Farmers from surrounding areas frequently visit his farm for guidance, making him an informal extension agent.

The diversified Integrated Farming System has improved resource recycling, soil health and sustainability through vermicomposting and mixed enterprises. Promotion of traditional rice varieties like Mushkibudji and Zag has contributed to biodiversity conservation, nutritional security and preservation of local heritage crops.

His success story clearly demonstrates the crucial role of KVK interventions in transforming small farmers into successful agri-entrepreneurs.

Table.1: Operating cost, gross return, net return and BC ratio of various enterprises of Mr. Mohd. Maqbool Bhat during the year 2024-25.

Year	Enterprise	Operating cost	Gross Return	Net returns	BC Ratio
2024-25	Mushkbudji & Zag	37000	93500	56500	2.53
	Wheat & Oats	13800	24500	10700	1.78
	Fruit crops	296000	490500	194500	1.66
	Fruit nursery	65000	156800	91800	2.41

	Flower and vegetable seedlings	16500	40500	24000	2.45
	Off season vegetables	22600	45000	22400	1.99
	Bonsai and other landscaping plants	33500	80500	47000	2.40
	Vermi-composting	52500	142500	90000	2.71
	Sheep	56000	195000	139000	3.48
	Diary	60000	105000	45000	1.75
Total		**652900**	**1373800**	**720900**	**2.10**





Success Story-2: Graceful Giving || Creative Enterprise

Demonstrating Earning Potential through Innovative Mixing of Art and Craft



Name Ms. Arish Shaban
Age 19 years
Address Rainawari, Srinagar – 190003 (J&K)
Qualification 10+2
Mobile +917006964177
KVK Srinagar

Background / Situation

Ms. Arish Shaban, a creative and enthusiastic young woman from Rainawari, Srinagar, has always nurtured a deep passion for art and design. From an early age, she found joy in creating decorative items, exploring new ideas, and experimenting with a wide range of colors, patterns, and textures. Her natural creativity and attention to detail were evident in her handmade products, which often reflected originality and aesthetic appeal. As her interest in art grew, Arish began to envision her creativity beyond a hobby. She aspired to transform her artistic skills into a sustainable source of livelihood that could provide both financial independence and personal fulfillment. Recognizing the importance of professional skills and business knowledge, she actively sought opportunities to enhance her craft and gain exposure to entrepreneurship.

KVK Intervention

The Krishi Vigyan Kendra (KVK) Srinagar played a pivotal role in shaping Arish's entrepreneurial journey by providing systematic capacity building and continuous hand holding support. She participated in KVK organized training programmes on skill development, value addition, quality control, packaging, labelling, and enterprise management, which significantly enhanced her technical knowledge, decision-making ability, and self-confidence. These trainings enabled her to convert locally available resources into value-added products with improved shelf life and market appeal. KVK also provided her with platforms to showcase her products through district-level exhibitions, fairs, and awareness programmes, helping her gain customer exposure, understand consumer preferences, receive market feedback, and develop valuable networking opportunities with buyers and stakeholders. Regular interaction with KVK scientists and extension experts offered her practical solutions to production and marketing challenges. Continuous guidance and mentoring from KVK experts encouraged her to register her brand, adopt better branding and pricing strategies, and expand her market outreach through online and social media platforms, ultimately strengthening the sustainability and growth potential of her enterprise

Innovation / Initiative

Arish established her enterprise titled "Graceful Giving by Arsheen" in 2023 as an online/offline business platform with a clear vision of promoting unique, handcrafted products. She began with handcrafted fabric flowers, resin art, wall decor items, and customized gift sets, focusing on personalization and quality craftsmanship. Her designs creatively blend modern aesthetics with a subtle cultural touch, making them suitable for festive, ceremonial, and corporate gifting. Through consistent engagement on social media and online marketplaces, she successfully attracted customers from different regions. Over time, she expanded her product range based on customer feedback and focused on attractive packaging and timely delivery, which helped build brand credibility and repeat clientele.

Socio-Economic Impact

Arish's enterprise, *"Graceful Givi*ng by Arsheen," represents an innovative model of low-investment, high-value entrepreneurship based on fabric flower craft, resin painting, wall hangings, and customized gift sets. By utilizing locally available raw materials and self-acquired artistic skills, the enterprise has enabled sustainable self-employment and enhanced financial independence. The venture has reduced reliance on conventional employment opportunities while providing a stable and growing source of income. The enterprise has shown consistent improvement in economic performance over time, reflecting enhanced skill refinement, improved market outreach, and diversification of product offerings. The rising gross income indicates increased demand for customized and handcrafted products, while efficient resource utilization has helped maintain manageable production costs. Beyond economic benefits, the enterprise has strengthened Arish's social recognition and confidence, positioning her as a role model for young women interested in home-based and creative entrepreneurship. The enterprise also holds potential for indirect employment generation by engaging local artisans and helpers for production, packaging, and order fulfillment. Overall, the initiative contributes meaningfully to women empowerment, skill development, and inclusive economic growth at the grassroots level. The year-wise economic performance of the enterprise indicates a steady increase in profitability over time (Table 1). In 2023, during the initial phase of operation, the enterprise generated a net income of ₹2.58 lakh. With increased production efficiency and market penetration, gross income rose in 2024; however, higher investment in raw materials and scaling activities resulted in a net income of ₹2.41 lakh. By 2025, improved product diversification, higher sales volume, and better cost management led to a substantial rise in profitability, with net income increasing sharply to ₹5.51 lakh.

Table 1: Year Wise Expenditure and Income of business activities viz., fabric flower craft, resin painting, wall hangings, and customized gift sets

Year	Enterprises	Gross Income (₹)	Expenditure (₹)	Net Income (₹)
2023	Flowers	139557	51885	87672
	Resin Art	270905	100719	170186
Total		**410462**	**152604**	**257858**
2024	Flowers	170323	88465	81858
	Resin Art	330628	171727	158901
Total		**5,00951**	**2,60192**	**240759**
2025	Gift Items	276208	89297	187270
	Resin Art	536170	172284	363527
Total		**8,12378**	**2,61581**	**550797**

Awards and Recognitions

Arish has received recognition from the Krishi Vigyan Kendra (KVK) Srinagar for her active participation and outstanding performance in Kisan Melas and various exhibitions organized by KVK Srinagar. Her innovative products, creativity, and entrepreneurial initiative were appreciated by scientists, visitors, and stakeholders during these events. These recognitions not only validated her efforts but also boosted her confidence and visibility, encouraging her to further strengthen her enterprise and expand her market outreach







Success Story-3: Turning Passion into Petals: A Young Woman's Floriculture Success Story M/S New Lucky Nursery Rainawari, Srinagar

Contributors: Dr. Shamim A. Simnani, Dr. Ishtiyak A Mir, Dr Aasima Rafiq

Details of the entrepreneur



Name	**Rukhsana Ismail**
Age	**21 Years**
Address	**Rainawari Srinagar, J&K**
Qualification	**Graduate**
Mobile	**9906601039/9469138467**
KVK	**KVK Srinagar, SKUAST-Kashmir**

Background / Situation

Ms. Rukhsana Ismail, a creative and enthusiastic young entrepreneur from **Rainawari, Srinagar**, possessed a deep passion for nursery raising as a means to meet household needs and achieve economic stability, despite facing several hardships. From a young age, she nurtured a strong desire to transform her hobby into a sustainable source of livelihood. In pursuit of this goal, she actively sought opportunities to learn entrepreneurship and enhance her skills in nursery management and floriculture-based enterprise development.

KVK Intervention

Krishi Vigyan Kendra (KVK) Srinagar played a pivotal role in strengthening the entrepreneurial capabilities of Ms. Rukhsana Ismail by providing comprehensive technical guidance and hand holding support. She was imparted structured skill-based training on protected cultivation of bulbs, corms, and annual flowering plants, with special emphasis on the production of high-value ornamental crops under controlled conditions. The training modules also covered advanced fertigation techniques, efficient nutrient management, and Integrated Pest Management (IPM) practices to ensure sustainable and cost-effective production while minimizing chemical inputs. In addition, she received specialized exposure to the raising and management of perennial flowering shrubs, enabling diversification of nursery products and year-round income generation. KVK Srinagar further facilitated polyhouse subsidy support under relevant government schemes, enabling the establishment of protected structures for quality nursery production. The KVK also provided quality planting material and continuous technical backstopping, helping her adopt scientific nursery practices, improve plant health, enhance survival rates, and ensure uniform growth. Through this integrated intervention approach, KVK Srinagar successfully empowered the beneficiary to establish a resilient and market-oriented nursery enterprise, transforming her passion into a sustainable livelihood opportunity.

Innovation / Initiative

Ms. Rukhsana Ismail established her enterprise, titled *New Lucky Nursery*, in 2022 as an integrated online and offline business platform, with a clear vision of promoting unique and high-quality ornamental plants. The nursery focuses on the production and sale of **annual, biennial, and perennial flowering plants, ornamental shrubs, pot plants, and seasonal bulbs,** catering to the growing demand from households, gardeners, and landscaping agencies. By leveraging digital platforms alongside direct customer engagement, she has successfully expanded her market reach and strengthened the sustainability of her enterprise.

Socio-Economic Impact

The sustained socio-economic transformation of **Ms. Rukhsana Ismail** is a direct outcome of **phased (Table 1), need-based interventions** implemented by **Krishi Vigyan Kendra (KVK), Srinagar**, coupled with her entrepreneurial initiative. The year-wise progress of *New Lucky Nursery* reflects the effectiveness of continuous technical support, capacity building, and institutional linkage provided by KVK Srinagar. During the initial phase, KVK Srinagar focused on **capacity building and skill enhancement**. Ms. Rukhsana was trained in **scientific nursery raising**, protected cultivation of ornamental crops, and basic nutrient and pest management practices. She established horticulture, floriculture, and vegetable nursery units over **3 kanals of land**. As a result of these interventions, the enterprise generated a **net income of ₹2.66 lakh**, marking the successful establishment of a self-employment venture and laying a strong foundation for future growth. In 2023, Advanced training on **fertigation, IPM, and efficient resource management** enabled Ms. Rukhsana to improve plant health, increase survival rates, and enhance production efficiency. Strengthened market linkages facilitated better price realization. These interventions led to an increase in production and a **net income of ₹3.58 lakh**, demonstrating improved profitability and economic stability. The focus during 2024 was on **diversification and quality enhancement**. KVK Srinagar provided specialized exposure on **perennial flowering shrubs** and year-round nursery management, enabling product diversification and continuous income flow. Continuous technical backstopping ensured uniform growth and reduced input costs. Consequently, the enterprise witnessed a substantial rise in returns, achieving a **net income of ₹7.25 lakh**, reflecting enhanced enterprise resilience and market competitiveness. In 2025, KVK Srinagar facilitated **polyhouse subsidy support under government schemes**, strengthening protected cultivation infrastructure. With assured access to quality planting material and continued advisory services, Ms. Rukhsana scaled up production and adopted fully scientific nursery practices. This resulted in a significant increase in production and income, with the enterprise recording a **net income of ₹10.51 lakh**, firmly establishing *New Lucky Nursery* as a **sustainable and market-oriented enterprise**.

Table.1 Year-wise Financial Performance of New Lucky Nursery

Year	**Nursery Type**	Production (No.)	Gross Income (₹)	Expenditure (₹)	Net Income (₹)
2022	Horticulture Nurser (2 kanals)	1,300	3,25,000	1,08,725	**2,66,199**
	Floriculture Nursery (1 Kanal)	750	1,12,500	72,452	
	Vegetable Nursery (1kanal)	1,500	37,500	27,624	
	Total		**4,75,000**	**2,08,801**	
2023	Horticulture Nurser (2 kanals)	1,500	3,75,000	1,54,231	**3,58,061**
	Floriculture Nursery (1 Kanal)	1,200	1,80,000	84,210	
	Vegetable Nursery (1kanal)	2,500	62,500	20,998	
	Total		**6,17,500**	**2,59,439**	
2024	Horticulture Nurser (2 kanals)	2,500	6,25,000	1,85,260	**7,25,040**
	Floriculture Nursery (1 Kanal)	1,800	2,70,000	46,850	
	Vegetable Nursery (1kanal)	3,500	87,500	25,350	
	Total		**9,82,500**	**2,57,460**	
2025	Horticulture Nurser (2 kanals)	3,542	8,85,500	2,43,450	**10,51,315**

	Floriculture Nursery (1 Kanal)	2,450	3,67,500	56,055	
	Vegetable Nursery (1kanal)	4,540	1,13500	15,680	
	Total		**13,66,500**	**3,15,185**	

The year-wise growth in income from ₹2.66 lakh in 2022 to ₹10.51 lakh in 2025 clearly demonstrates the transformative impact of KVK Srinagar's integrated intervention strategy. Through structured training, continuous hand holding, access to government support, and market-oriented guidance, KVK Srinagar enabled Ms. Rukhsana Ismail to evolve from a trained beneficiary into a successful woman entrepreneur. The enterprise has not only improved her economic status and financial independence but has also enhanced her social recognition and leadership role in the community. This case exemplifies the potential of KVK led interventions in promoting women entrepreneurship, rural livelihood security, and sustainable nursery-based enterprises, serving as a replicable model for other aspiring entrepreneurs in the region.

Awards and Recognitions

The successful establishment and growth of New Lucky Nursery has resulted in significant economic and social empowerment of Ms. Rukhsana Ismail. Through scientific nursery management practices and entrepreneurial initiative, she has achieved a sustainable source of income, improved household economic security, and reduced dependence on conventional employment avenues.






Union Territory of Jammu & Kashmir
Department of Agriculture and Farmers welfare, Kashmir
CERTIFICATE OF REGISTRATION
As a
"Floriculture Plant Nursery Grower"
This is to certify that: Rukhsana Ismail
S/O, D/O, W/O: Mohamad Ismail Chachoo,
Residence:- Tangbagh Jogi Lankar Rainwari Srinagar Kashmir.
is registered as a
"Floriculture Plant Nursery Grower" under the name
"M/S PARADISE FLOWER"
Located at Tangbagh Jogi Lankar Rainwari Srinagar Kashmir and operates under the technical guidance of the department.
This certificate is subject to the condition that no claim of property or title can be made on the basis of this document.
Date of Issue: 08-04-2025
Date of Validity: 31-03-2026
Date of Expiry: 31-03-2026
(Floriculture Development Assistant)
EXTENSION
Lalmandi, Srinagar.



Success Story-4: Registered Floriculture Entrepreneur and Commercial Fruit Nursery Grower

Details of the entrepreneur



Name Gulzar Ahmad Bhat
Age 40
Address Gandithal, Bhat Mohalla New Theed Harwan, Srinagar
Qualification Matric
Mobile
KVK KVK Srinagar

Background / Situation

The said Nursery Grower hailing from New Theed Harwan was a marginal paddy grower over an area of one acre which fetched him with a production of 25-28 quitals annually which earned him an annual income of approx. Rs. 6-7 lacs.
Inspired by the frequent Awareness-cum-skill Oriented Training on Commercial Nursery Growing of Fruit and Floriculture Crops and the financial gains involved in the said field: The entrepreneur namely Mr. Gulzar Ahmad Bhat shifted to the Commercial Fruit Nursery Growing.

KVK Intervention

The implementation strategy framed by scientists of KVK Srinagar for commercial floriculture and nursery management involves careful planning, investment in infrastructure, and efficient operational practices.
KVK intervention helped the farmer in selecting the right location, setting up greenhouses or nursery beds with irrigation systems, and choosing high-demand flower varieties and plants suited to the local market.
Grower was provided with trainings on propagation methods such as seeds, cuttings, or grafting to ensure healthy plant growth, supported by proper pest and disease management practices.The strategy also includes robust post-harvest handling, packaging, and distribution systems to maintain product quality.

Innovation / Initiative

- Adopting advances in technology through hi-tech polyhouses
- Optimizing production, enhancing plant health, and improving efficiency.
- Implementing advanced irrigation systems, such as drip irrigation, helps conserve water and ensures consistent growth
- Integrating greenhouses or shade nets protects plants from adverse weather conditions.
- To manage pests and diseases, growers can adopt Integrated Pest Management (IPM) techniques
- Investing in soil health through organic fertilizers and compost improves plant quality and sustainability.
- Emphasizing strong marketing strategies, including online sales and branding, helps reach a broader customer base.

Overall, embracing modern agricultural practices and sustainability lead to higher profitability and long-term success in the floriculture and nursery business growers.

Socio-Economic Impact:

- The outcome of commercial floriculture and nursery management included
  - Profitable growth
  - High-quality products
  - Strong market presence

- Hi-Tech polyhouses leads to consistent production of flowers and plants that meet market demand, both for retail, landscaping, and wholesale.

- KVK Sgr Intervention and implementing strategy helped a farmer to establish well-managed nursery and steady revenue from the sale of flowers, ornamental plants, and saplings to the farmer

Success Story-5: Afzal Poultry

Details of the entrepreneur



Name Mohd. Afzal Bhat
Age 44
Address Ranbirgarh, Mujgund, Srinagar
Qualification Matric
Mobile
KVK KVK Srinagar

Background / Situation

The farmer is hailing from Ranbirgarh Srinagar and his livelihood was on vegetable cultivation. Annual return was very low, after KVK Srinagar intervention, the farmer is now in transitory phase of strengthening and up-scaling his business expansion in Duckery and Poultry. Presently in the process of establishing Dairy Unit.

KVK Intervention

- KVK intervention through various skill-oriented training programmes attracted the farmers for setting and managing their duckery and poultry unit on scientist lines.
- Off- Season produce and sale of vegetables through hi-tech polyhouses

Innovation / Initiative

- **Implementing vaccination programs** to protect birds from common diseases
- **Feed formulation**: Developing efficient and cost-effective feed formulas that optimize the nutritional needs of poultry
- **Direct marketing,** diversifying products, offering value-added products and contract farming.
- **Using mechanized equipment** for cleaning and managing the poultry house

Socio-Economic Impact:

- Efficient feed management and reducing waste helped farmer to reduce operational cost.
- Enhanced Egg and meat production
- Low Mortality
- Off – Season sale of produce

Annual Turnover:

Duckery Farming	> Rs. 20.00 Lacs
Poultry	Rs. 8.00 Lacs
Commercial Vegetable Cultivation	Rs. 4-5 Lacs

Success Story-6: "Transforming Tribal Livelihoods through Sustainable Dairy Farming and Value Addition: A KVK-Sgr Success Story from Faquir Gujri"

Name of farmer: Ms. Shameema
Address: Village-Faqir Gujri, Dard Khower Harwan Srinagar
Mobile Number: 9906770725
Age: 56
Education: 12th
Size of land holding: 0.5 ha.
Name of enterprise: THE TRIBALS DAIRY



Background / situation

Ms. Shameema a resident of Village Faqir Gujri, block Harwan of district Srinagar, Jammu and Kashmir, holds secondary school qualification from HSS Harwan. Her interest in dairy farming and value addition of milk led her towards the establishment of a mini-commercial dairy unit generated employment to dozens of tribal people besides contributed to healthy lifestyle. The practical training at a small-scale dairy farming and value addition has influenced her career to large extent besides involving other tribal people in same profession; as a result, it has become a life line for sustainability of tribal people of village Faquir-Gujri. Ms. Shameema initially worked as a farm woman working in own kitchen garden with one cow to meet her domestic needs; however, her passion for dairy rearing prompted her to shift to dairy farming and value addition of milk products to support the sustainability of tribal community. With a strong technical and decision support system from Krishi Vigyan Kendra Srinagar and financial support from family and friends, initiated her Dairy farming on 2.7 kanals of land to generate livelihood opportunities to meet her domestic needs.

During first five years of incubation, she has gained own sustainability; however, after getting consistent expert advises from Srinagar and subsequently facilitated her registration on HADP portal under project number 23 entitled "**strengthen the dairy sector in UT of J & K**" to establish her commercial and sustainable dairy unit. she extended the enterprise to next level to improve the well-being of tribal people as well; therefore, improved the dairy business with five cow unit of size 20 X 30 ft and developed a well-established unit with a 9 potent high breed productive cows. Ms. Shameema achieved monthly production of 13.5 quitals of milk, with an annual gross return of 1329604 rupees, accounting net return of 738676 rupees with B/C ratio of 1.2500. She further enhanced the sustainability and profitability for her community and family through value addition, especially included the preparation of Desi paneer and ghee.

During 2025, Ms. Shameema registered the enterprise under the brand name **THE TRIBALS DAIRY** with Registration No: 21025411000160 incorporated and licensed on 7th March 2025, under FSSAI Act 2006, J & K-India.

KVK Intervention

KVK Srinagar provided continuous technical guidance and capacity building to Ms. Shameema through specialized trainings, advisory services and monitoring her unit at regular intervals. This intervention strengthened her skills in scientific Dairy farming, and value addition including fodder cultivation, packaging and preservation, maintaining milk and by product hygiene and disease management in farm animals, Value addition of milk and milk products, processing, quality packaging, labelling, and basic food safety standards were strictly followed as suggested. The technical support from KVK enabled her to diversify the business into value-added products to fetch more income from market. The consistent and regular technical backstopping by KVK experts helped her scale up from a small unit to a commercial-level enterprise, transforming her from a job seeker into a job creator in tribal community of village Fakir-Gujri.

Innovation/ Initiative.

Ms. Shameema has adopted an integrated and innovative approach by managing the complete Dairy farm value chain, from fodder cultivation, preparation and post-harvest storage to milk production, value addition, processing and packaging. She manages fodder using locally available crops, farm residues, following the scientific fodder growing methods and package of practices. She maintains proper production and fodder conservation practices for year round food and feed availability. The Surplus green fodder is converted into silage. For desi ghee preparation Ms. Shameema employed standardized ghee boiler machine, ghee filling machine, ghee making machine, glass jars, spoon, labels and hygienic, moisture-proof packaging to ensure quality, safety, and consumer appeal. With FSSAI certification and a strong focus on quality processing, attractive packaging, and e-commerce readiness, her initiative represents a model of modern Agripreneurship and inspires tribal youth to adopt Dairy processing as a sustainable enterprise.

Socio-Economic Impact.

When Ms. Shameema started her dairy enterprise in 2020, her annual gross income was ₹0.68 lakh with a net return of about ₹0.61 lakh. With the systematic expansion of her dairy unit—particularly through an increase in the number of animals, efficient utilization of available space, enhanced milk supply to the market, value addition, and adoption of scientific dairy management practices—the enterprise has shown consistent year-on-year growth. By 2025, with support in value-added processing, standardized packaging, and market linkage including e-commerce platforms, her annual gross income increased to ₹13.29 lakh with a net income of approximately ₹7.38 lakh. Correspondingly, the Benefit–Cost (B:C) ratio improved significantly from 0.86 to 1.25, indicating enhanced economic efficiency and profitability of the enterprise.

At present, the livestock dairy unit comprising 9 cows produces about 6.0 litres of milk per animal per day, resulting in an annual milk production of 19,440 litres. The income generated from the sale of milk at ₹35 per liter amounts to ₹2,77,200 annually. Additional income through value-added milk by-products, particularly ghee (@ ₹1,500/kg), accounts for ₹7,83,000. Further income streams include the sale of farmyard manure (1,053 Quintals @ ₹250 per Quintal) generating ₹1,57,950, and the sale of four one-year-old calves yielding ₹80,000. Thus, the total annual income from the dairy enterprise stands at **₹12,98,150**.

The total annual expenditure incurred includes ₹2,70,000 towards feed (@ ₹2,500 per animal per month), ₹54,000 on veterinary medicines and vaccines, and ₹1,80,000 towards labour charges, amounting to a total expenditure of **₹5,04,000**. This results in a **B:C ratio of 2.58**, reflecting strong financial viability.

Brief Impact:

Earlier, Ms. Shameema was earning an annual income of ₹5,38,676 from her dairy unit but faced challenges such as stagnant yield, low milk production, and poor animal health. These issues were regularly addressed through technical guidance provided by KVK experts. With focused interventions under the Dairy Farming Initiative (DFI), including artificial insemination using high-quality semen, scientific health management, balanced feeding practices, and training on milk value addition, her annual income has increased substantially to **₹12,98,150**, leading to improved livelihood security and socio-economic empowerment.

Components	Milk Production /day (Litres)	Annual Milk production (Litres)	Annual gross Income (Rs.)	Annual net Income (Rs.)
Livestock Dairy (9 cow unit)	6.0	19440.00	-	
Income from sale of Milk @ Rs 35/litre	-	7920.0	**277200.00**	
Income from Milk By-products (Ghee) @Rs 1500/kg	-	522	**783000**	

Income from Sale of FYM @Rs 250/Quintal	-	1053 quintals	**157950.00**	
Sale of 1 year old calves @ 20000per calf	4 no.		**80,000**	
Total Income			**12,98,150**	
Expenditure on feed	@ 2500 per animal per month		2,70,000	**7,94,150**
Expenditure on veterinary medicine and vaccines etc.	@500per animal per month		54000	
Labour	@Rs 15000/month		1,80,000	
Total Expenditure			**5,04,000**	
B: C ratio				**2.58**

Brief: Ms. Shameema used to get an annual income of Rs. 5,38,676.00 from her dairy unit. She faced problems like stagnant yield, low milk production and poor cow health, which were frequently resolved by KVK experts. With DFI interventions like inseminating cow with high quality semen, proper health care of animals and good quality feed, training on value addition of milk, she is getting annual income of Rs **12,98,150.00**




fssai
Registration Certificate
Government of Jammu and Kashmir
Department Of Health and Medical Education
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

a) ***Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise:***

Success Story: Solid Waste Management using Waste Decomposing Bacteria "Shalimar Microbes".

Situation analysis/Problem statement:

Solid Waste Management is a major challenge in urban areas like Srinagar city. The unwanted practice of dumping of waste in water bodies, agricultural lands, road sides and burning of waste leads to environmental soil water and air pollution. Srinagar city is the first metropolis and fastest growing city of western Himalayas and here the management of Solid waste is a big challenge more than 13,000 metric tons of solid waste is produced in Srinagar every month and become one of the main challenges for successful Implementation of waste segregation into different categories viz composting recycling etc. is yet not practiced in Srinagar. The KVK Srinagar have taken an initiative for converting solid waste into compost using waste decomposing bacteria Shalimar microbes.

KVK Intervention:
After the trainings, demonstrations and awareness regarding waste decomposing bacteria (Shalimar Microbes). OFT was conducted on Soil waste management using waste decomposing bacteria at multi locations of District Srinagar. Hence it was found that compost formation by using this technology was beneficial for converting waste into wealth which not only increases the farm productivity but also improves the soil Health. By following this technology, farmers need not to depend on costly fertilizer and manure.

Out Put
Composting process is a time-consuming process, but due to this technological advancement the composting process could be shortened. The compost prepared by using Shalimar microbe's speeds up the composting process and results in a superior quality and uniform compost in an efficient way. The compost prepared by this method was black brown and black in color, it was crumbly in nature with an earthy order. The pH was slightly acidic to neutral ranging from 6.5 to 7.5. The compost was neither completely dry nor it was lumpy. The carbon: Nitrogen was between 15 to 20. The Nitrogen, Phosphorus and Potassium content was found to be more than one percent each. The nitrogen was found to be more than one percent each. The nitrogen was found in the form of nitrates for proper utilization by plants.

Outcome:
As seeing is believing the adjacent concerned farmers of district Srinagar are showing keen interest and are very much satisfied with this technology of converting waste into wealth and are approaching KVK Srinagar for technical guidance. Thus, horizontal expansion of this technology is under taken in district Srinagar







On Farm Trail conducted on soil waste management at different location of district Srinagar.

b) Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product: Nil

9. B. Give details of innovative methodology/technology developed and used for Transfer of Technology during the year:

Dal weed Composting: The Management of weeds inside the Dal Lake Srinagar most recognizable land mark, tops the priority list in saving the fragile eco-system of the water body. The LAWDA undertake the DAL deweeding and dump the same on the Dal banks. This has been a persistent cause of nuisance to inhabitants of the vicinity. They have approached us for management of the same.
A survey was conducted in the adjoining areas of the Dal Lake. It was found that the annually more than 100000 cubic meters of weeds are removed from the lake incurring lacs of rupees.
Technology was available with the host institute and same was demonstrated to the local farmers through 10 training programmes and demonstrations on small scale. Technology was demonstrated to farmers of the said area to convert this weed into compost by using microbial solution. Consortium of locally isolated micro-organism known as Shalimar microbes, which not only converts the weeds into

useful manure but is also effective to remove bad smell from weed piles. Consortium also reduces the time for decomposition and conversion of material into compost. The end product (Dal Weed) is very rich in some macro and microorganism. The conversion of these weeds into compost on large scale and its subsequent utilization in fields could boost the concept the organic farming in the district. The manure generated in the Dalweed fetch upto Rs. 20/kg.

Outcome: The technology adopted was found successful not only in removing the nuisance but also provide organic Farming concept in the District Srinagar. Seeing the results of these demo plots, the local adopted the technology and the results are encouraging and more and more farmers around the vicinity of Dal are following the technology.



9. C. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs): Nil

9. D. Indicate the specific training need analysis tools/methodology followed for

-	Identification of courses for farmers/farm women:	Village survey
-	Rural Youth:	-do-
-	In-service personnel:	Meetings with District Officers

9. E. Field activities

i.	Number of villages adopted:	08
ii.	No. of farm families selected:	85
iii.	No. of survey/PRA conducted:	03

9. F. Activities of Soil and Water Testing Laboratory / Plant Health Clinic

1.	Status of establishment of Lab	:	Non-Functional
2.	Year of establishment	:	2005
3.	List of equipment's purchased with amount	:	

Sl. No	Name of the Equipment	Qty.	Cost
1	Kjel Plus Automatic Digestion	01	50,720.00
2	All Glass Distillation System	01	5,800.00
3	Batolini Gas Heater	02	7,800.00
4	Oven (Hot Air)	01	19,800.00
5	Grinder (Stain Less Steel)	01	12,390.00
6	Soil auger	02	1400.00
7	Flame photometer	01	34,725.00
8	Specto-photometer	01	41,500.00
9	Chemical Balance (Sensitive)	01	97,000.00

10	Conductivity Bridge	01	5500.00
11	Gas burner	02	15,00.00
12	Digital P.H meter	01	10,430.00
13	HCL computer & Accessories	01	75,000.00
14	Refrigerator	01	10,650.00
15	Refrigerator Haier	01	9,200.00
16	Hot plates	04	10,440.00
17	Shaker	01	13,680.00
18	Kjelda Distillation & digestion combined unit	01	12,510.00
19	Genset	01	43,028.00
20	Conductivity meter	01	5500.00
21	Physical balance	01	8,700.00
22	Glass ware & plastic ware.	-	1,30,644.00
23	Chemical ware	-	83,390.00
24	Furniture	-	75,000.00
25	Printer	01	7,500.00
26	Pastel & motor	02	1500.00
27	Heating mental	02	1530.00
28	Test sieves	02	1650.00
29	Thermometer	03	590.00
30	Plant Grinder	01	6700.00
31	Soil Moisture Meter	02	1300.00
Total		**40**	**685593.00**

3. **Details of samples analyzed / Soil Health Cards issued during 2025-26: Nil (Lab.)**

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	-	-	-	-
Water Samples	-	-	-	-
Plant Samples	-	-	-	-
Soil Health Cards Issued	-	-	-	-

4. Status of mini soil testing labs/kit : 02
5. Year of procurement of lab/kit : 2017 (May)
6. No. of mini labs with the KVK : 02
7. Type of mini labs (Name of lab/Kit) : Mid Parikshak Soil Testing Lab

8. **Details of samples analyzed through mini soil kit / Soil Health Cards issued during 2025-26**

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	30	30	10	Samples were analyzed free of cost on world soil health day
Water Samples	0	0	0	
Soil Health Cards Issued	10	10	05	

10. IMPACT

10.1 Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	**No. of participants**	**% of adoption**	**Change in income (Rs.)**	
			Before (Rs. /Unit)	**After (Rs. /Unit)**
Grafting/Budding Techniques	125	26	Rs.500/day	Rs.750/day
Vermi-composting	75	15	Rs. 200/quintal	Rs. 900/quintal
Utilization of Kitchen Waste as Organic Manure	63	11	-	Rs. 5/kg

Value addition of Fruits	128	08	-	Rs. 7500/month
Knitting	35	13	-	Rs. 3600/month
Training and Pruning	165	30	Rs.500/day	Rs. 850/day
Cutting & Stitching	25	15	-	Rs. 600/suit
Preservation of Fruits and Vegetables	75	12	-	Rs.6200/month
Broiler Farm Worker	55	13	Rs.500/day	Rs.650/day
Mushroom Grower	26	08	-	Rs.250/day
Scientific Beekeeping	95	35	-	Rs.350/day

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

10.2. Cases of large-scale adoption
(Please furnish detailed information for each case)

A survey was conducted by the experts of the Kendra on the popularization and adaptation of University Spray Schedule for the control of insects/pests and diseases. It was observed that people are not following spray schedules properly which results in detoraton of quality and quantity of the produce and ultimately monitory loss to orchardists. Keeping all these facts in view, FLDs were conducted by the Kendra on application of spray schedule and the farmers practice as check at village Taibel and Dardkhover of District Srinagar. All the recommendations of spray schedule were properly followed under demonstrations. After collecting the results, it was observed that the quality and quantity was improved as compared to the check plots. Seeing the results of demonstration plots, the orchardists of the area were satisfied with the performance of demo plots particularly the quality (Size, Color) and increase in quantity forced them to follow the recommendations of spray schedule and farmers of these villages and adjoint areas now following not only the spray schedule but also other recommendations given time to time.

10.3 Details of impact analysis of KVK activities carried out during the reporting period

KVK conducted a survey to analyze the impact of activities carried out during the reporting time in the six villages of the district where most of the activities were conducted. During the survey the opioners of the key informants like village heads (Namberdars), Sarpanches, Panches, Chowkidars, Farm Leaders, concerned farmers and knowledgeable persons of the villages were contacted. The impact analysis revealed that the KVK activities pertaining to popularization of SKUAST-K location specific Paddy varieties like SR-2, SR-4 and Jehlum had an appreciable impact. SR-2 thrives well under water logged conditions and the average increase yield between local and said varieties was recorded more than 30%. Similarly Maize varieties shared an increase of 35% in yield as compared to local varieties. Fodder and Pulse varieties also shared tremendous potential so far yield and other characters are concerned. Different demonstration conducted on cultivation of exotic vegetables has shown fair results

as farmers have started shifting of cultivation of exotic vegetables which fetches good price as compared to other vegetables. Impact of disease diagnostic visits was appreciated by providing timely intervention to the problems of the farmers. The impact of vocational training has also been analyzed which is good particularly in allied agriculture enterprises like mushroom cultivation, vermi-composting, dairy and poultry.

11.0 LINKAGES

11.1 Functional linkage with different organizations

Name of organization	Nature of linkage
Department of Agriculture	Advisory & Cooperation Participation in meetings and trainings.
Department of Horticulture	-do-
Department of Animal and Sheep Husbandry	-do-
SKUAST-K	Technology & Expertise
Nehru Yuva Kendra Sangstha	Sponsorship of training programmes
Lead Banks/NABARD/Social Welfare	Sponsored programme

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

11.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies: Nil

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)

11.3 Details of linkage with ATMA:

a) Is ATMA implemented in your district **Yes**

S. No.	Programme	Nature of linkage	Remarks

Coordination activities between KVK and ATMA during 2025-26: Nil

S. No.	*Programme*	*Particulars*	*No. of programmes attended by KVK staff*	*No. of programmes Organized by KVK*	*Other remarks (if any)*
01	**Meetings**				
02	**Research projects**				
03	**Training programmes**				
04	**Demonstrations**				
05	**Extension Programmes**				
	Kisan Mela				
	Technology Week				
	Exposure visit				

S. No.	*Programme*	*Particulars*	*No. of programmes attended by KVK staff*	*No. of programmes Organized by KVK*	*Other remarks (if any)*
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	FFS				
06	**Publications**				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others News coverage				
07	**Other Activities**				

11.3 Give details of programmes implemented under National Horticultural Mission:

S. No.	Programme	Nature of linkage	Constraints if any
01	**Accreditation of fruit nursery**	**Technical Officer**	**Nil**

11.5 Nature of linkage with National Fisheries Development Board: Nil

S. No.	Programme	Nature of linkage	Remarks

11.6. Details of linkage with RKVY: Nil

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks

12. PERFORMANCE OF INFRASTRUCTURE IN KVK

12.1 Performance of demonstration units (other than instructional farm): Nil

Sl. No.	Demo Unit (Mention the name of Demo Unit)	Year of establishment	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	

12.2 Performance of instructional farm (Crops) including seed production:

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Rice									
Pulses (Field Pea)	October	May	0.0125 ha	HFP-715	Seed	25 kg	852	2750	-
Pigeon pea									
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables (Garlic)	October	June	0.05 ha	Local	Seed	75 kg	1025	2250	-
Others (specify)									

12.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,): Nil

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

12.4 Performance of instructional farm (livestock and fisheries production):

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
01	Ducks	Local	Meat	18 No.	8000	10000	-
02	Poultry	Key Stone	Meat	125 kg	19500	31250	-

12.5 Utilization of hostel facilities: Nil

Accommodation available (No. of beds) =

Months	*No. of trainees stayed*	*Trainee days (days stayed)*	*Reason for short fall (if any)*

12.6. Database management

S. No	*Database target*	*Database created by the KVK*
01	Data base of farmers	10000 farmers

12.7 Rainwater Harvesting

Training programmes conducted using Rainwater Harvesting Demonstration Unit: Nil

Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
				Male	Female	Total	Male	Female	Total

Demonstrations conducted using Rainwater Harvesting Demonstration Unit: Nil

Date	Title of the Demonstration	Client (PF/RY/EF)	No. of Demos.	No. of Participants including SC/ST			No. of SC/ST Participants		
				Male	Female	Total	Male	Female	Total

Seed produced using Rainwater Harvesting Demonstration Unit: Nil

Name of the crop	Quantity of seed produced (q)

Plant materials produced using Rainwater Harvesting Demonstration Unit: Nil

Name of the crop	Number of plant materials produced

Other activities organized using Rainwater Harvesting Demonstration Unit: Nil

Activity	No. of visitors
Visit of farmers	
Visit of officials	

13. FINANCIAL PERFORMANCE

13.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Saving	J&K Bank	H.S.H.S Srinagar	SB-19776
Current	J&K Bank	H.S.H.S Srinagar	CD-1765

13.2 Utilization of KVK funds during the year 2025-26 (in Rupees)

S. No.	Particulars	Sanctioned (Lacs)	Released (Lacs)	Expenditure (Rs.)
A. Recurring Contingencies				
1	**Pay & Allowances**	**20525198.00**	**20525198.00**	**20525198.00**
2	**Traveling allowances**	**100000.00**	**100000.00**	**100000.00**
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library	**1450000.00**	**1450000.00**	**1450000.00**

	maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipment's			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstrations in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
K	IFS			
L	TIU (Publicity)			
TOTAL (A)		**22075198.00**	**22075198.00**	**22075198.00**

B. Non-Recurring Contingencies				
1	**Works**	**0.00**	**0.00**	**0.00**
2	**Equipment's including SWTL & Furniture**	**0.00**	**0.00**	**0.00**
3	**Vehicle** (Four-wheeler/Two-wheeler, please specify)	**0.00**	**0.00**	**0.00**
4	**Library** (Purchase of assets like books & journals)	**0.00**	**0.00**	**0.00**
5	**Capital**	**0.00**	**0.00**	**0.00**
TOTAL (B)		**0.00**	**0.00**	**0.00**
C. REVOLVING FUND		**0.00**	**0.00**	**0.00**
GRAND TOTAL (A+B+C)		**22075198.00**	**22075198.00**	**22075198.00**

13.3 Status of revolving fund (in Rs.) for the last six years:

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2020 to March 2021	**143464.30**	**144582.00**	**71157.00**	**216869.30**
April 2021 to March 2022	**216869.30**	**338830.00**	**192900.00**	**362799.30**
April 2022 to March 2023	**362799.30**	**292207.00**	**54445.00**	**600561.30**
April 2023 to March 2024	**600561.30**	**198491.00**	**30000.00**	**769052.30**
April 2024 to March 2025	**769052.30**	**260091.00**	**61126.00**	**968017.30**
April 2025 to March 2026	**968017.30**	**545311.00**	**27177.00**	**1486151.30**

14. Details of HRD activities attended by KVK staff during 2025-26: Nil

Name of the staff	*Designation*	*Title of the training programme*	*Institute where attended*	*Date*

15. Details of Important Programs/Events conducted in KVKs during 2025-26 (With 4-5 Photographs (JPEG Format).

(Please furnish detailed information for each Programme/Event)