ANNUAL PROGRESS REPORT 2021-2022

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 (Near Railway Station Peerbagh Srinagar)	Office	FAX	
	9419079152	-	kvksrinagar@hotmail.com

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

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

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

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

1.4. Year of sanction: 2002-2003

1.5. Total land with KVK (water logged/Marshy) : 19.35 ha
Cultivable Land (Filled with fertile soil) : 0.4 ha

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

2. District Profile of Srinagar.

Srinagar district, situated in the centre of Kashmir Valley, is surrounded by five districts. In the north it is flanked by Kargil and Ganderbal, in the South by Pulwama and in the north-west by Budgam. The average altitude is about 1600m amsl .The district with a population of around 1325443 lacs, is spread over an area of 1979 Sq. Kms. It comprises of 07 Tehsils/

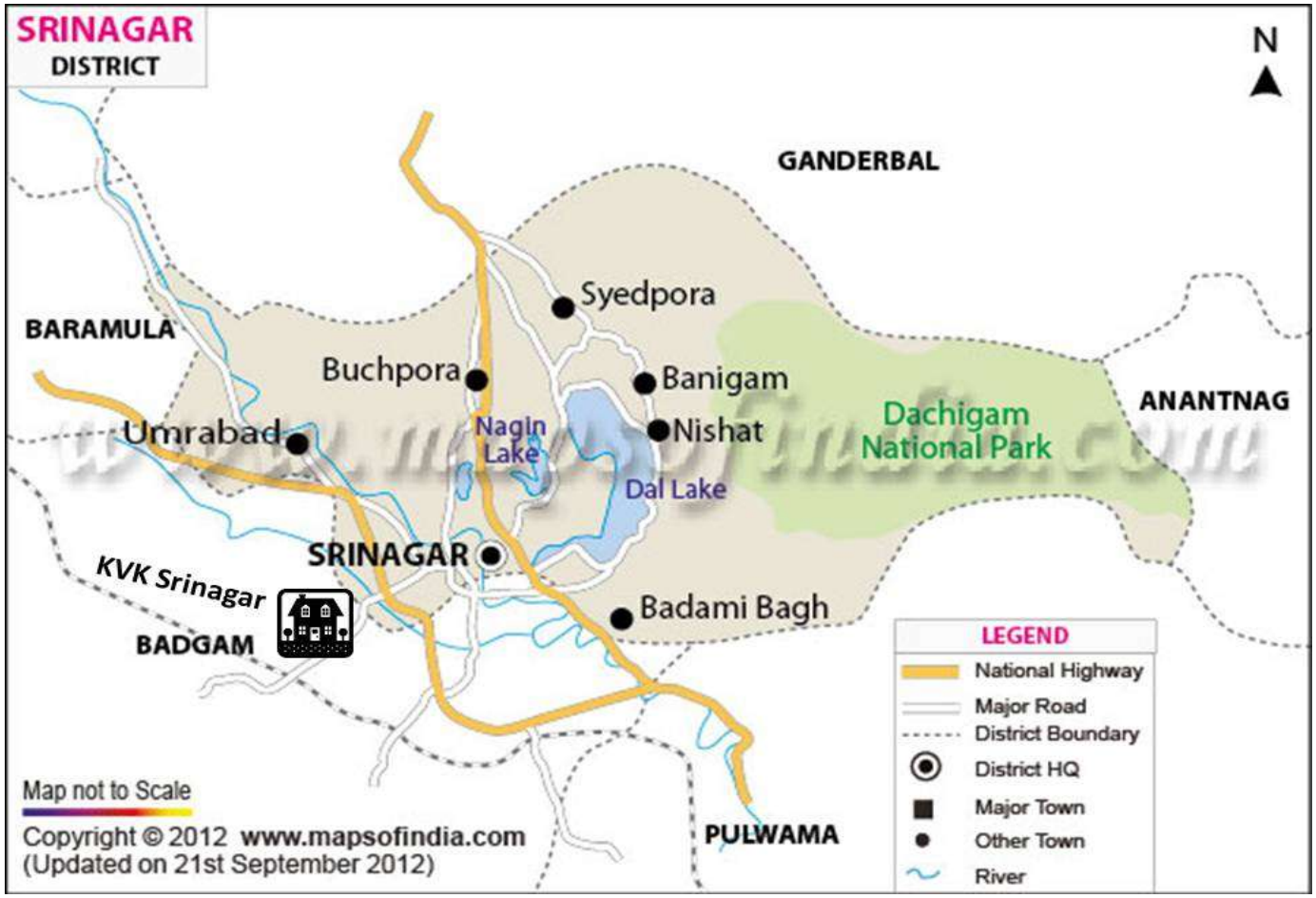
towns viz; Srinagar North and Srinagar South, Central, Khanyar, Idgah, Chanapora, Natipora and Panthachowk, four blocks (Srinagar), besides 137 Revenue villages.

The data is given here under;

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

Area under Fruit Plants

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


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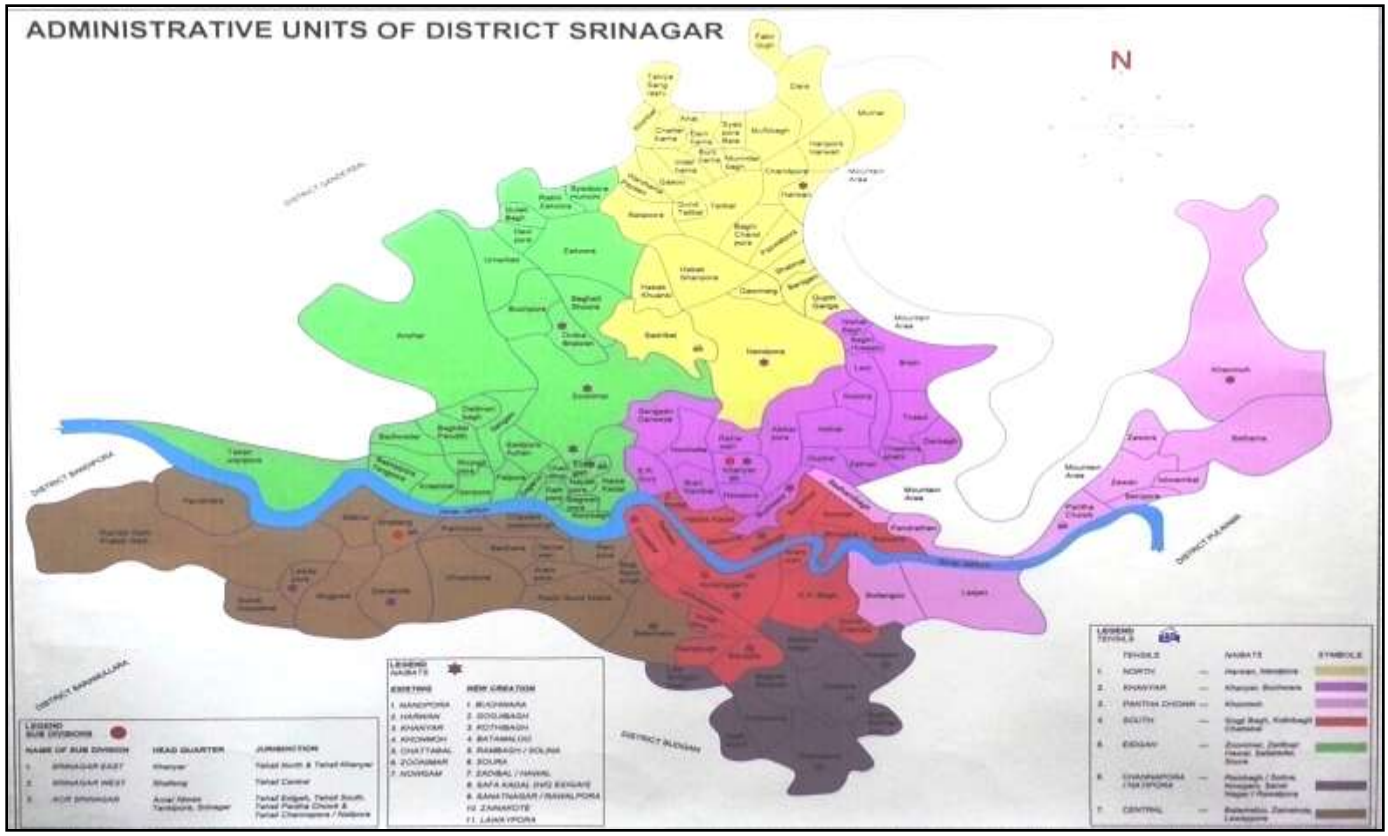
(Updated on 21st September 2012)


ADMINISTRATIVE UNITS OF DISTRICT SRINAGAR
N

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

S. No	Crop	Area (ha)	Production (MT)
1.	Fresh Fruit	2613	23327
2.	Dry Fruit	477	3091
3.	Rice	3400	0.587
4.	Maize	450	0.059
5.	Oilseed	434	0.588
6.	Fodders	284	1.776
7.	Floriculture	46.04	-
8.	Vegetable	2500	65169

4. 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

5. 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
Temperate Fruit Crops Apple Strawberry	➢ Pollination improvement and scientific Training and pruning in Apple. ➢ High density apple plantation. ➢ Crop Diversification with emphasis on crops like strawberry. ➢ IDM, INM and promotion of use of organics, micro nutrients, and on-farm nutrient cycling
Vegetables Vegetables	➢ Development of Peri-urban agriculture ➢ Off-season vegetable cultivation and cultivation under

Lettuce, Broccoli Vegetables and Fruit crops	protected conditions. ➢ Exotic vegetable cultivation. ➢ Nutrition Kitchen gardening.
Poultry and Dairy	➢ Promotion and Scientific management of livestock and poultry farming.
Home Science Capacity Building Capacity Building Home Science	➢ Child and women care and awareness on balanced nutrition in backward areas of the district. ➢ Capacity building of rural women and Fisherwomen. ➢ Self help group formation of skilled women. ➢ Vocational training.
Capacity Building	➢ Emphasis on Agro-based Income generating activities for mitigation of rural unemployment.
Soil and Water Conservation 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.

6. Technology Intervention

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

7. Details of achievements of mandatory activities by KVK during 2021-22

OFT				**FLD**			
1				**2**			
Number of OFTs		***Number of farmers***		***Area under FLDs***		***Number of farmers***	
Targets	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***
-	**07**	**-**	**17**	**-**	**43.05**	**-**	**259**
				UMMB	**40 No.**	**-**	**40**

Training				**Extension Programmes**			
3				**4**			
Number of Courses		***Number of Participants***		***Number of Programmes***		***Number of participants***	
Targets	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***	***Targets***	***Achievement***
75	**74**	**1600**	**1670**	**250**	**245**	**4200**	**4010**

Production of Quality Seedlings and Planting Material			
Vegetables	**Vegetable Saplings (No.)** Tomato: 1030 Capsicum: 800 Cucumber: 500 Bottle gourd: 500 Brinjal: 1000 Knoll Khol:2000 Onion Seedlings: 1000 Saag Khanyari: 3000 Cauliflower: 600 Cabbage: 2000 Total: 11930 Onion Bulbs: 0.50 Brinjal Seed: 1.3 kg Garlic: 45 kg Carrot seed: 7 kg Rajmash: 2 kg Okra : 2.5 kg Total:57.8 kg	**Fruits**	**Plant Saplings (No.)** Apple Clonal R/S: 800 Apricot Seedlings: 1000 Walnut Seedlings: 1000 Apple HD: 200 Apricot: 40 Plum: 80 Cherry: 150 Grapes: 130 Pansy Hybrid: 120 Seedling Annual: 1210 Shrubs: 120 Marigold, Zinnia, Aster, Celosia: 1175 Total: 6025
(Others)	Poultry Ducks	700 No. 15 No.	
	Button Mushroom	20 kg	
	Vermicompost	100 kg	

8. On-Farm Trials laid on 2021-22

OFT-1

1	Title	**Effect of Foliar Application of Boron on Fruit Set & Productivity of Apple**
2	Problem Diagnose/defined	Poor Fruit Set
3	Details of technologies selected for assessment/refinement	Foliar Application of Boron at fruit development stages
4	Source of technology	SKUAST -K
5	Production system thematic area	Crop production
6	Thematic area	Crop Production
7	Performance of the Technology with performance indicators	Satisfactory
8	Final recommendation for micro level situation	Needs repeated trials
9	Constraints identified and feedback for research	Adoptability
10	Process of farmer's participation and their reaction	Satisfactory

Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Rainfed/ irrigated	Poor fruit set	Effect of Foliar Application of Boron on Fruit Set & Productivity of Apple	03	Foliar application of Boron at 03 stages.	Fruit yield	-	Table below	Satisfied

Table

Crop	Fruit Set %	Location A	Location B	Location C
Apple	**T1**	25.3	23.4	22.9
	T2	40.2	38.8	38.1

Crop	Fruit Retention %	Location A	Location B	Location C
Apple	**T1**	40.1	38.4	36.9
	T2	55.5	48.7	46.3

Crop	Fruit Drop %	Location A	Location B	Location C
Apple	**T1**	59.9	61.6	63.1
	T2	44.5	51.3	53.7

OFT-2

1	Title	**Soil and Foliar Application of Potassium for Color Development.**
2	Problem Diagnose/defined	Poor fruit color
3	Details of technologies selected for assessment/refinement	Foliar Application of Potassium at fruit development stages
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Crop production
6	Thematic area	Crop production
7	Performance of the Technology with performance indicators	Satisfactory
8	Final recommendation for micro level situation	Needs repeated trials
9	Constraints identified and feedback for research	Adoptability
10	Process of farmer's participation and their reaction	Satisfactory

Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Rainfed/ irrigated	Poor fruit color	Soil and Foliar Application of Potassium for Color Development	03	Foliar Application of Potassium at 02 stages	Quality improvement & yield	-	Table below	Satisfied

Table 1: Fruit Color (%)

Crop	Treatments	Darbagh	Chatrihama	Ranbirgrah
Apple	**T1**	69	69	61
	T2	81	84	79

Table 2: Yield data (MT/ha)

Crop	Treatments	Darbagh	Chatrihama	Ranbirgrah
Apple	**T1**	12.2	12.0	12.4
	T2	15.3	15.5	15.7

OFT-3

1	Title	**Supplementation of UMMB for maximizing production potential in dairy cows**
2	Problem Diagnose/defined	Nutrient deficiency, Low Production
3	Details of technologies selected for assessment/refinement	Supplementation of UMMB in dairy cows
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Dairy Production
6	Thematic area	Animal Nutrition
7	Performance of the Technology with performance indicators	Milk Production, Feed intake and body condition score was improved.
8	Final recommendation for micro level situation	Supplementation of UMMB during winter in dairy cows enhance their production potential
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	Farmers are satisfied.

Results of On Farm Trial-3

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Dairy Production	-	Nutrient deficiency, low production	Supplementation of UMMB for maximizing production potential in dairy cows	03	UMMB influnce on cow performance	Milk production feed intake, body condition Score (BCS)	-	Milk production was increased, feed intake and body condition score was improved	Farmers are satisfied

Table-3

Treatments	**Performance**		
	Milk yield	**Feed intake (kg/100 kg body weight)**	**BCS**
T1: Farmers Practice	13.6 kg	2.9	3.2
T2: UMMB Lick	14.1 kg	3.1	3.6

OFT-4

1	Title	**Impact of Post Milking Teat Disinfection on Prevention of Mastitis**
	Problem Diagnose/defined	Sub clinical Mastitis
3	Details of technologies selected for assessment/refinement	Post milking teat disinfection with Povidone Iodine based germicidal dip (P.Iodine; glycerine 4:1)
4	Source of technology	GADVASU Punjab
5	Production system thematic area	Animal Production
6	Thematic area	Dairy Production
7	Performance of the Technology with performance indicators	Ongoing
8	Final recommendation for micro level situation	Ongoing
9	Constraints identified and feedback for research	-
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 assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Animal Science	Sub Clinical Mastitis	Assessing the impact of post milking teat disinfection on the prevention of Mistitis	Impact of Post Milking Teat Disinfection on Prevention of Mastitis	03	Impact of teat disinfection on Mistitis	CMT Score, under health, Milk yield and milk PH	Ongoing	Awaited	-

Table-4

Treatments		Results
T1	No Teat disinfection	Ongoing
T2	Post milking teat disinfection with Povidone iodine based germicidal dip (P. Iodine; Glycerine 4:1)	Ongoing

OFT-5

1	Title	**Effect of IBA on rooting of Different Ornamental Plants**
2	Problem Diagnose/defined	Poor rooting percentage in ornamental shrubs
3	Details of technologies selected for assessment/refinement	Use of rooting hormone IBA
4	Source of technology	SKUAST-Kashmir
5	Production system thematic area	Propagation Techniques of ornamental plants
6	Thematic area	Propagation Techniques
7	Performance of the Technology with performance indicators	Improved rooting % by 50%
8	Final recommendation for micro level situation	Use of IBA for better rooting.
9	Constraints identified and feedback for research	As there are wide diversity in ornamental shrubs & trees. Protocol for rooting need to be developed for commonly propagated shrubs & Trees.
10	Process of farmer's participation and their reaction	Satisfactory

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
Ornamental Plants	irrigated	Poor rooting	Effect of IBA on rooting of different ornamental shrubs	03	Use of rooting harmones	Rooting	Rooting %	IBA improves rooting % by 50%	Satisfactory

Table-5

Treatments		**B: C Ratio**
T1	Without growth hormones	1:2.5
T2	IBA-2000 ppm	1:5.0

OFT-6

1	Title	**Impact of Bio-fertilizers on Growth & Yield of Garden Pea**
2	Problem Diagnose/defined	Deleterious effects of chemical fertilizers on human health and environment.
3	Details of technologies selected for assessment/refinement	Rhizobium + Phosphorus and Potassium
4	Source of technology	Solubilising micro-organisms
5	Production system thematic area	Crop Production
6	Thematic area	Organic Farming
7	Performance of the Technology with performance indicators	Ongoing
8	Final recommendation for micro level situation	Ongoing
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	-

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
Garden Pea	Irrigated	Deleterious effects of chemical fertilizers	Impact of Bio-fertilizers on Growth & Yield of Garden Pea	02	Seed & Soil treatment with Rhizobium+Phosphorus & Potassium Solubilising bacteria	Growth & Yield	Ongoing	Ongoing	-

Table-6

Treatments		**B: C Ratio**
T1:	Farmers practice	Awaited
T2:	Azotobacter + Rhizobium +Phosphorus and Potassium solublising micro-organisms	Awaited

OFT-7

1	Title	**Comparative Analysis of Organic Over Conventional Method on Growth Yield and Quality of Strawberry**
	Problem Diagnose/defined	Low yield /poor quality
3	Details of technologies selected for assessment/refinement	Use of straw mulch and biofertilizer fortified vermicompost
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop Production
6	Thematic area	Organic Farming
7	Performance of the Technology with performance indicators	Ongoing
8	Final recommendation for micro level situation	Ongoing
9	Constraints identified and feedback for research	-
10	Process of farmer's participation and their reaction	-

Results of On Farm Trial – 7

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Strawberry	Irrigated	Low yield & poor quality	Comparative Analysis of Organic Over Conventional Method on Growth Yield and Quality of Strawberry	02	1) Use of Strawberry mulch 2)Application of biofortified vermicompost	Growth & Yield	Ongoing	Ongoing	-

Table-7

Treatments		**B: C Ratio**
T1:	Farmers practice	Ongoing
T2:	Straw Mulch + Biofertilizer fortified Vermicompost	Ongoing

9. Details of Frontline Demonstrations laid during 2021-22

Crop (Variety)	Title of FLD	Date of execution	Area (ha)	Achievements							
				No. of Beneficiaries							
				SC/ST		OBC		Others		Total	
				M	F	M	F	M	F	M	F
(Other Crops) Paddy: SR-2, SR-4	Popularization of HYV	15-04-2021	13.2	17	03	-	-	52	12	69	15
Maize SMC-4	Popularization of HYV		10.0	30	10	15	05	45	15	45	15
Oilseeds (SS-2)	Popularization of HYV	05-10-2021	10.0	-	-	-	-	20	05	20	05
Other Crops (Oats-SFO-3)	Popularization of HYV	02-10-2021	9.8	53	25	-	-	05	03	58	28
Marigold **(Pusa Naranga)**	Cultivation of Marigold as Cash Crop	12-07-2021	0.05	-	-	-	-	04	0	04	0
(Animals) Vanraja	Popularization of HYV	08-07-2021	-	05	04	-	-	04	01	09	05

10. Performance of Frontline Demonstrations laid during 2021-22

Crop	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of local Check q/ha	Increase in yield (%)
				H	L	A		
Brown Sarson	SS-2	25	10.0	16.5	11.0	13.95	9.5	31.89
Maize	SMC-4	60	10.0	61	40	50.5	30.50	35.55
Paddy	SR-2 SR-4	84	13.2	80	65	73.30	55.0	24.95
Oats	SFO-3	86	9.8	20	16	18	12	33.50
Marigold	Pusa Naranga	04	0.05	04	02	03	2.5	60.0

CFLD on Oilseeds variety SS-2 at village Tailbel

Distribution of Inputs for FLD (Oats) at village Khimber

FLD on Cultivation of Marigold var; Pusa Naranga at village Danihama

FLD on Paddy variety SR-4 at village New Theed

11. Trainings for Practicing Farmers/Farm Women and Rural Youth

Crop Production

Name of the Training Programme	Date	No. of participants	Venue
National Level Campaign on "Food & Nutrition for Farmers"	26-08-2021	31	KVK Campus
Sowing of Rabi Season Crops	02-11-2021	50	Sangri Gojarpati
STRY Training Programme entitled "Fruit Production"	13-09-2021	28	KVK Campus
STRY Training Programme on "Crop Improvement"	04-10-2021	15	SKUAST-Kashmir

Crop Protection

Name of the Training Programme	Date	No. of participants	Venue
Cherry Cracking	23-06-2021	17	KVK Campus
Diagnosis of Nutrient Deficiencies in Fruit Crops	16-07-2021	29	Dardekhover

Horticulture Production

Name of the Training Programme	Date	No. of participants	Venue
Cultivation of Flowers	19-01-2021	15	Sangam Eidgah
Effect of Climate Change on Apple Production	30-03-2021	25	Theed
Establishment and Management of Ornamental Nursery	22-03-2021	17	KVK Campus
Production of Summer Flowering Annuals.	26-06-2021	18	Foreshore Shalimar
Establishment and Maintenance of Home Gardens	12-07-2021	20	KVK Campus
Cultivation of Flowers	25-07-2021	30	Faqirgujri
Modified High Density Plantation	05-08-2021	23	Zakura / Konmoh
Optimum Harvesting Dates of Apple	02-09-2021	25	Tailbel
Nursery Raising of Winter Annuals.	28-09-2021	20	KVK Campus
Budding Techniques in Fruit Crops	26-07-2021	21	Shalimar
Canopy Management of Fruit Crops & Raising of Hi-tech Nursery	07-12-2021	38	SKUAST-Kashmir

Soil Science

Name of the Training Programme	Date	No. of participants	Venue
Application of Fertilizer & Manures to Fruit Crops	16-04-2021	24	Ranbirgrah
Application of Manures & Fertilizers for Stone Fruits	20-04-2021	17	Faqirgujri
Leaf Analysis of Fruit Crops.	23-06-2021	20	KVK Campus
Importance of Leaf Analysis Techniques for collection of Leaf Samples	24-07-2021	20	Theed
Soil and Fertility Conservation	20-07-2021	17	Dara Harwan
Strategies for Sustainable GAP in Agriculture & Allied Sectors in Collaboration with IFFCO	26-08-2021	31	KVK Campus
Silage Making	26-08-2021	40	KVK Campus
Importance of Soil Analysis/Soil Sampling Techniques for Field & Plantation Crops	15-09-2021	27	KVK Campus
Method Demonstration of On Farm Composting through Improved Techniques like Dalweed Composting & Vermicomposting	28-09-2021	27	KVK Campus

Method Demonstration on Soil Fertility Status using Mridaparikshak Lab	08-09-2021	22	KVK Campus
Importance of FYM, Green Manures, Enriched Compost & Vermicomposting	16-10-2021	26	KVK Campus
Manuring & Fertilizer Management of Field Crops	16-10-2021	23	KVK Campus
Importance of Soil Testing for Sustainable Agriculture	24-04-2021	14	KVK Campus
Composting of Farm Waste, Kitchen Waste by Vermicomposting	26-04-2021	16	KVK Campus
Use of Shalimar Microbes for composting of Agricultural Waste	22-04-2021	12	KVK Campus
Balanced Use of Fertilizers	18-06-2021	41	KVK Campus Online
On Farm Composting of Farm Waste using Shalimar Microbes	21-06-2021	20	KVK Campus
Handling Preparation & Application of Bio-fertilizers	29-10-2021	20	Takenwari
Preparation of Fertilizer Solution for Foliar Spray in Production of Quality Fruit/Vegetable Crops.	29-10-2021	22	Tengpora
Leaf Analysis of Fruit Crops	23-06-2021	20	(KVK Campus)

Home Science

Name of the Training Programme	Date	No. of participants	Venue
Preparation, Preservation, Packaging of Juice, Mineral Water, Storage, Grading + Packing of Apple	16-02-2021	25	FIL Industries
Balanced Diet and Prevention of Anemia in Young Girls	20-03-2021	18	KVK Campus
Demonstration on making of Quence Murraba	25-11-2021	10	KVK Campus
Value Addition of Fruits	07-12-2021	15	KVK Campus

Apiculture

Name of the Training Programme	Date	No. of participants	Venue
Beekeeping in Collaboration with Directorate of Extension and J&K Khadi & Village Industries Board.	25-03-2021	30	Faqirgujri
Scientific Bee Keeping	19-04-2021	25	KVK Campus
Training Programme on Scientific Bee Keeping	03-11-2021	26	Khimber

Animal Science

Name of the Training Programme	Date	No. of participants	Venue
Fortification of Poor Quality Roughage by Urea Molasses Treatment	14-01-2021	20	Zakura
Formulation of Balanced Ration from locally available Feed Resources	19-01-2021	25	Sangam
Preparation of Urea Molasses Mineral Block	28-01-2021	26	Khonmoh
Skill Development Programme on Broiler Farm Worker	22-02-2021	25	KVK Campus
Preservation of Feed and Fodder for Mitigating Scarcity Problems	10-02-2021	23	KVK Shopian
Preparation of Urea Molasses Mineral Block	08-02-2021	24	KVK Budgam
Integrated Dairy Farming	06-02-2021	20	KVK Ganderbal
Care and Management of Backyard Poultry for Maximizing Returns	02-04-2021	25	KVK Campus
Clean & Hygienic Milk Production	06-07-2021	30	Faqirgujri

Importance of Vaccination & Deworming in Livestock	08-07-2021	20	KVK Campus
Vaccination and Deworming in Livestock	03-11-2021	28	Khimber
Scientific Raising of Healthy Calf	05-11-2021	30	Chaterhama
Scientific Breeding of Sheep & Goat to Maintain elite Germplasm	08-11-2021	26	Taki Sangrishi
Scientific Sheep and Goat Rearing & its Role in the Subsidiary Occupation Generation	15-12-2021 to 17-12-2021	40	KVK Campus
Skill Development Programme on "Broiler Farm Worker"	22-02-2021	25	KVK Campus
STRY Training Programme on Dairy Production	07-10-2021	28	SKUAST-Kashmir


200 Hrs. Skill Development Training Programme on "Broiler Farm Worker at KVK Campus


07 days Training Programme on Scientific Bee Keeping at KVK Campus


Canopy Management on Training/Pruning/Orchard Management at SKUAST-K

12. In-Service Training Programmes

Name of the Training Programme	Date	No. of participants	Venue
Handling of Pulse Under Temperate Ecologies	24-08-2021	22	(DARS Budgam)
Capacity Building Programme on Managing Sheep & Goat for Sustainable High Yield Production	17-11-2021	20	(KVK Campus)

In-service Training Programme on Grading and Packing of Storage Fruits

13. Other Extension Activities: 2021-22

Nature of Activity	No. of Activities	Total Beneficiaries		
		Male	Female	Total
Field Day	01	21	17	38
Kisan Mela	02	60	33	93
Kisan Mela (Virtual)	01	0	0	0
Kisan Ghosthi	01	23	14	37
Exhibition	4	42	28	70
Film Show	25	0	0	0
Method Demonstrations	45	367	190	557
Group meetings	05	63	35	98
Lectures delivered as resource persons	49	347	181	528
Newspaper coverage	10	0	0	0
Radio talks	02	0	0	0
TV talks	30	0	0	0
Popular articles	6	0	0	0
Extension Literature	10	411	228	639
Advisory Services	20	165	55	220
Scientific visit to farmers field	132	410	213	623
Farmers visit to KVK	110	300	166	466
Diagnostic visits	35	120	75	195

Exposure visits	11	90	102	192
Ex0trainees Sammelan	03	28	17	45
Soil health Camp	01	34	11	45
Animal Health Camp	02	68	37	105
Agri mobile clinic	01	10	06	16
Soil test campaigns	04	43	16	59

14. Important Events: 2021-22

1. Kendra participated in the 6th Exhibition Cum Seed Mela at SKUAST-Kashmir, Shalimar Srinagar.


2. Kendra celebrated International Women's Day on 08-03-2021 at KVK Campus in which 15 Rural youth participated and get benefitted from the said event.
3. Kendra also celebrated World Water Day on 22-03-2021 at KVK Campus in which the importance of water for our households, food, culture, health, Education and the integrity of our natural environment has been discussed.


4. Kendra also celebrated World Veterinary Day on 24-04-2021 at KVK Campus with the theme "The Veterinarian Response to the COVID-19 Crisis".

5. 17th Scientific Advisory Committee (SAC) meeting of KVK was held on 17th of June 2021 chaired by Hon'ble Vice Chancellor SKUAST-Kashmir, Prof.(Dr.) J.P. Sharma in virtual mode and co-chaired by Prof.(Dr.) Dil Mohammad Makhdoomi, Worthy Director Extension, SKUAST-Kashmir in offline mode. Dr. Rekhi Singh presented Action Taken Report, Progress Report of 2020-21 and Action Plan 2021-22. Hon'ble Vice Chancellor appreciated the role played by KVK Srinagar in development of the farming community.


6. Kendra Celebrated World Environmental Day through online mode on 05-06-2021 in which more than 30 participants participated. Awareness programme among more and more participants to take certain actions against the growing strain on Earths Natural Ecosystems.
7. Dr. Rekhi Singh, Senior Scientist & Head of the Kendra presented Annual Progress Report of 2020-21 and Annual Action Plan 2021-22 in the "Virtual Annual Zonal Workshop of KVKs of Zone-1 from 18th to 20th July 2021 in which more than 150 officials of ICAR participated in the said workshop.
8. Mr. Khursheed Ahmad Reshi, Progressive Farmer of the Kendra received "Champion Farmer Award on Organic Farmer" from Hon'ble Lt. Governor of Union Territory of Jammu and Kashmir on 24-07-2021.

9. Dr. Rekhi Singh, Senior Scientist & Head of the Kendra also received "Appreciation Certificate and Award" on account of Exemplary work of KVK from Hon'ble Vice Chancellor of SKUAST-K on 28-07-2021.



10. KVK Srinagar celebrated National Level Campaign titled on "Food and Nutrition for Farmers" under Azadi Ka Amrit Mahotsav. The programme was organized both offline & online mode in which 131 farmers participated. The programme started with lecture of Dr. Rekhi Singh, Sr. Scientist & Head who emphasized on need of food and nutrition for farmers.


11. Kendra organized Plantation and Nutrition Campaign in collaboration with IFFCO at KVK main campus on 18/9/2021 in which 100 participants participated in the said programme.
12. Kendra celebrated Vanijya Utsav in collaboration with APEDA at SKUAST-K on 23/9/2021 in which 50 farmers participated.
13. Kendra also celebrated World Rabies Day on 28-09-2021 at KVK Campus, 50 participants participated in this event.
14. Organized Farmer Scientist Interface on "Climate Resilient Varieties Technologies and Practices" on 28/09/2021 at KVK Campus. 100 farmers participated and got benefited through virtual mode.




15. Kendra celebrated Mahila Kisan Divas on 15-10-2021 at B.K.Pora in which 55 progressive farm women have participated in the programme.
16. Kendra celebrated World Food Day on 16-10-2021 at KVK Campus in which 76 farmers got benefitted in the said Event.
17. Kendra also celebrated World Egg Day on 09-10-2021 at KVK Campus in which 20 farmers participated in the said programme.



18. Kendra organized a National Level Workshop under "Azadi Ka Amrit Mahotsav" on the theme "Agriculture and Environment- the citizen Face" at KVK Campus on 26/11/2021 in which 30 students participated.
19. Kendra also organized Animal Health Camp at village Tengpora Noorbagh on 30/11/2021. 86 farmers participated and their animals were examined and treated on spot.




20. Kendra organized Soil Health Day on 5th of December 2021 in collaboration with Department of Agriculture Srinagar and Division of Soil Science, SKUAST-K at village Saidpora, Darbagh in which 40 farm women/men attended in the said event.
21. Online National level programme on "Natural Farming" which was inaugurated by Hon'ble Prime Minister of India on 16th of December 2021 at KVK Campus in which 196 staff members, farmers and students have been attended in the said programme.
22. Dr. Rekhi Singh, Sr. Scientist & Head presented PowerPoint presentation of 5 Awardee farmers (Two Each) of 10 success stories of district Srinagar in the Kissan Saman Divas Programme which was organized by Directorate of Extension, SKUAST-K in collaboration with KVKs of Kashmir Division on 23rd of December 2021 at SKUAST-Kashmir in which Prof. Nazir Ahmad Ganie, Hon'ble Vice Chancellor was the Chief Guest. 25 farmers have participated in the said event.
23. Kendra organized an event "Jai Kissan Jai Vigyan" with theme "Uttam Kheti Unnat Kissan" during 23rd to 25th of December 2021 at village Nadergund in which more than 100 farmers attended the programme



کرشی وگیان کینرر سرینگر

عہد تا حصول
کسانوں کی آمدنی دوگنی کرنا

سات نکاتی حکمت عملی

۱۔ فی بوند زیادہ فصل: پانی کا مناسب اور منصفانہ استعمال جیسے ڈرپ اور سپرنکل اریگیشن
(Drip & Sprinkler irrigation)

۲۔ بہتر بیجوں پیڑوں نامیاتی کھادوں اور زمین کیلئے صحت کا رڈ بنانے سے اضافی پیداوار حاصل کرنا۔

۳۔ فصل کاٹنے کے بعد اناج کا نقصان کم کرنا:۔ ایک اندازے کے مطابق ہر سال پیداوار کی صحی طریقے سے ذخیرہ کرنے کی سہولیت کی عدم دستیابی کی وجہ سے تقریباً
باون ہزار چھ سو اکیاون کروڑ روپیوں کا نقصان ہوتا ہے۔
اسٹوریج اور کولڈ چین کو فروغ دینے سے اس نقصان کو کم کیا جاسکتا ہے۔ جس سے کسانوں کی آمدنی میں اضافہ ہوسکتا ہے

۴۔ معیار میں بہتری:۔ خوراک کی معیار کو بہتر بنانے کیلئے الگ الگ فصلوں کی نئی چیزیں تیار کرنے سے ان کی مانگ میں اضافے سے آمدنی میں اضافہ ہوگا۔

۵۔ کم منافع والے بازار:۔ قومی زرعی بازار تشکیل دینے اور آن لائن مارکیٹ سے فصلوں کی قیمتوں کا بڑا حصہ اب کاشکار تک پہنچے گا اور درمیانہ داری کا حصہ کم ہوگا۔

۶۔ قدرتی آفات سے فصلوں کے نقصان کا معاوضہ: پردھان منتری بیمہ یوجنا سے کسانوں کو ناگہانی آفات سے بچانے کیلئے اور نقصان شدہ فصلوں کا بھرپور معاوضہ ملے گا۔

۷۔ زرعی سرگرمیوں کو فروغ دینے کے لئے مختلف ترغیبی سکیموں کا شروع ہونا۔ جس میں مرغی پالن، شہد کی صنعت، مچھلی پالن، دودھ کی صنعت، اون کی صنعت، شعبہ باغبانی، جنگلات اور دیگر شعبہ جات سب شامل ہیں۔