PROFORMA FOR ANNUAL REPORT 2015-16

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 (Nambli Narkara)	Office 9419079152	FAX -	kvksrinagar@hotmail.com

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

Address	Telephone		E mail
	Office	FAX	vc@skuast.ac.in
Sher- e- Kashmir University of Agricultural Sciences and Technology of Kashmir	0194-2461258	0194-2461260	

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. Tabassum Ara	Professor Colony Naseembagh, Kanitar Srinagar	9419016774	tabasum_ara@yahoo.co.in

1.4. Year of sanction: **2002-2003**

1.5. Staff Position (as on 31st March 2016)

Sl. No.	Sanctioned post	Name of the incumbent	Age	Discipline with highest degree obt.	Pay Band & Grade Pay (Rs.)	Present basic (Rs.)	Date of joining in KVK	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Prof. Tabassum Ara	52	Food & Nutrition (Ph.D)	37400-67000	55560	July 2015	Permanent	Others
2	Subject Matter Specialist	Dr. Asima Amin	33	Vegetable Science (Ph.D)	15600-39100	20370	Oct 2013	Permanent	Others
3	Subject Matter Specialist	Dr. Shabeena Qureshi	38	Horticulture (Ph.D)	15600-39100	24890	April 2007	Permanent	Others
4	Subject Matter Specialist	Dr. Ruksana Majid	32	Veterinary Science (MSc)	15600-39100	16250	July 2013	Permanent	Others
5	Subject Matter Specialist	Mrs. Bhinish Shakeel	38	Home Science (M.Sc)	15600-39100	20590	August 2010	Permanent	Others
6	Subject Matter Specialist	Mr. Shakeel Ahmad Mir	41	Soil Science (M.Sc)	15600-39100	18320	Jan 2008	Permanent	Others
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-
8	Programme Assistant	Mr. Mohd Ashraf Mir	52	Entomology (M.Sc)	9300-34800	20320	Sept 2007	Permanent	Others
9	Programme Assistant	Mr. Yasir Arfat Bhat	38	I.T (M.Sc)	9300-34800	13450	Feb 2012	Permanent	Others
10	Farm Manager	Mr. Jalal-u-Din	53	Olericulture (B.Sc)	9300-34800	18370	July 2012	Permanent	Others
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-	-
12	Stenographer	Mr. Gh. Mohd. Mir	48	(B.Sc)	9300-34800	12420	February 2015	Permanent	Others
13	Driver	Vacant	-	-	-	-	-	-	-

14	Driver	Vacant	-	-	-	-	-	-	-
15	Supporting staff	Mr. Javid Ahmad Chopan	31	-	4440-7440	5800	July 2007	Permanent	Others
16	Supporting staff	Mr. Ali Mohd Bhat	37	-	4440-7440	5180	July 2007	Permanent	Others

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.1
2.	Under Demonstration Units	0.1
3.	Under Crops	0.1
4.	Orchard/Agro-forestry	-
5.	Others (specify) Wetland	19.05

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	Completed
2.	Farmers Hostel							
3.	Staff Quarters							
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units	ICAR	-	-	-	-	160	Under progress
	1							
	2							
	3							
	4							
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	2004	4,85,000	205500	Fair (Needs repair off & on)

C) Equipments & 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
Printer	31-03-2003	15200.00	Working
Officers Table	07-07-2003	9419.00	Working
Photo Copier	17-03-2004	64083.00	Working
Altimeter	24-03-2004	6744.00	Working
Wipro Computer	26-03-2004	43659.00	Working
Digital Camcorder	27-03-2004	45000.00	Working
Printer	March-2005	7800.00	Working
Chemical Balance	March-2005	97000.00	Working
Water distillation Still	March-2005	94900.00	Working
Conductivity Meter	March-2005	5500.00	Working
Grinder	March-2005	12390.00	Working
Kjelda Distillation and igestion Combined Unit	March-2005	12510.00	Working
Computer System HCL & WIPRO Make	March-2005	75000.00	Working
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	Working
Bataloni Gas Heater	March-2005	15600.00	Working
PH Meter	March-2005	10430.00	Working
Hot Plate	March-2005	10440.00	Working
Kjeplus Automatic Digestion	March-2005	50720.00	Working
Glass Distillation System	March-2005	5800.00	Working
Generator set	March-2005	43028.00	Working
Stabilizer	March-2005	6430.00	Working
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	Working
Typewriter	March-2005	10000.00	Working
Thresher	March-2005	68000.00	Working
Fax Machine	Oct- 2005	14062.00	-
Microscope	Nov- 2005	26200.00	Working
Diesel Engine with Accessories	March-2006	326000.00	Working
HCL Computer with UPS	May-2007	40992.00	Working
Digital Camera	February-2007	17190.00	Working
Printer	May-2007	2950.00	Working
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
LCD (Benq) Model 624 Lumen 3000x	March -2010	82125.00	Working
Manual Screen 84”x4.3	March -2010	7763.00	Working
Lasser Printer Sumsung ML -1640	March -2010	5694.00	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 (2 No’s)	March -2010	3600.00	Working

1.8. A). Details SAC meeting* conducted in the year 2015-16

Sl. No.	Date	Name and Designation of Participants	No. of absentees	Salient Recommendations	Action taken
01	10-02-2016	**List attached**	-	Chairman Scientific Advisory Committee directed all Programme Co-ordinators to frame Action Plan for the districts, keeping in view the geographical locations. Thread bear discussions with respect to Action Taken Report 2015-16 and Action Plan 2016-17 were held in the house. Hon'ble Vice-Chancellor stressed on all KVK's that all the training programmes should be reflected and due publicity be given through mass media.	-
02				The house enquired about the repetition of FLD's on SR2 Paddy variety in Qamarwari zone. The Programme Coordinator KVK Srinagar informed the house that due to non availability of seed, FLD could not be laid. The house desired that indent for seed should be put to concerned agency in advance so that seed is reserved by NSP. While commenting on FLD's, Chairman instructed all Programme Coordinators to popularize the technologies developed by SKUAST-K at block level and also impressed upon all stake holders to make scientific accuracy during collection of data on FLD's. The chairman also stressed on the need that the seed for FLD's must be only 4-5 years old and emphasized for large scale demonstrations of hybrid varieties released by SKUAST-K. Director Extension Education, SKUAST-K proposed for framing a monitoring team for examining the performance of FLD's.	-
03				The chairman of the house stressed for need to promote floriculture and kitchen gardening as the same is requirement of the day. The house was also of the view to promote pot culture as the need has arisen due to limited land resources in district Srinagar. HOD, Floriculture was requested to cooperate in the matter. The house also desired that calendar of operations for floriculture may be assigned to the concerned HOD.	-
04				The Programme Coordinator KVK Srinagar informed the house that ITK on winter migration of honey bee colonies have been documented and distributed among KVK's and colony owners. However, the chairman sought verification from the concerned HOD regarding the innovation.	-
05				The chairman impressed upon all the KVK's to start skill based training programmes for educated youth with 10+2 background so that they can establish the job oriented ventures in various fields. The	-

				chairman desired that vocational trainings for youths be arranged in flower dehydration for decorative purposes at different occasions. He further stressed for organizing training programmes for house wives in making innovative products from leftovers.	
06				Chairman desired to launch innovative programmes on value addition. SMS (Home Science) was instructed to prepare products like apple juice, apple vinegar, dried onion and garlic powder in consultation with Head Division of PHT and directed Division of PHT to formulate a project with outside funding so that fermenter is purchased and the activity is carried out successfully.	-
07				The Chairman desired that 10 days duration training programmes on multiplication of vegetable seeds be arranged in collaboration with Division of Vegetable Science and directed HOD, Vegetable Science to develop some patches of Nadroo at Narkura Campus. The Chairman also directed to conduct training programmes on orchard management, vermi-composting, training and pruning etc.	-
08				The chairman while commenting on the role of KVK's said that KVK's are face of University as such they should disseminate the technology developed by SKUAST-K. He further stressed on the scientific community to take responsibility for all activities and focus on demonstrations so that farmers are well versed with the latest technologies in the field of agriculture/horticulture/animal husbandry. The house opined that KVK Srinagar should help the Chief Agriculture Officer in arranging need based trainings.	-
09				The chairman of the house desired that duckery and fishery be developed at KVK Narkara as the campus is holding suitable environment and in this connection, the concerned HOD's will coordinate with KVK Srinagar in establishing such units. The Dean, FVSc and A.H informed the house that 50 innovative Charka's are available at the faculty under a project and can be provided to the beneficiaries of district Srinagar on subsidized rates so awareness programmes need to be conducted regarding their utility.	-
10				The programme coordinator KVK Srinagar informed the house about the success story on converting of kitchen waste of JAKLI mess into organic manure and simultaneously, the army stationed at Zainakoot (HMT) Srinagar have also approached for utilizing the said technology in converting the kitchen waste into organic	-

				manure. The Hon'ble Chairman lauded the efforts made by KVK Srinagar and asked the Programme Coordinator to take up the matter with JAKLI for videography of the success story. The chairman stressed that the technology developed should be utilized in two hostels of SKUAST-K and later on could be extended to fruit mandi and hospitals of Kashmir valley.	
11				The House was informed about the action taken on soil sampling and distribution of soil health cards. The chairman desired that training programmes on soil sampling should be arranged so that farmers will be trained for collecting and handling of soil samples. While responding to the request of a farmer regarding exposure visits outside the state, the house opined to arrange such visits for farmers in collaboration with funding agencies like NABARD and line departments.	-
12				The Hon'ble Vice-Chancellor stressed to conduct OFT on cracking of cherry in consultation with HOD Fruit Science. Regarding plantation at KVK Srinagar, the chairman directed that Dean, Faculty of Forestry may be contacted for the purpose. The chairman also desired that awareness about plantation of male poplars may be created among farmers.	-

List of participants who attended SAC Meeting of KVK Srinagar held on 10-02-2016.

S. No	Name of the Participant	Designation	Department/Division
1.	Prof. M.T. Banday	Associate Director Extension (Animal Science)	DoE, SKUAST-K
2.	Prof. Nayeema Jabeen	Head of Division	(Vegetable Science) SKUAST-K
3.	Dr. Baseerat	Associate Professor	(Vegetable Science) SKUAST-K
4.	Prof. Gul Zafar	Professor & Head	DARS Budgam
5.	Dr. T. A. Shah	Programme Coordinator	KVK Kupwara
6.	Dr. Geetaka Malik	Sr. Scientist	CITH Rengreth
7.	Dr. S.H. Bhat	SMS (Agriculture Extension)	KVK Anantnag
8.	Dr. I.J. Khan	SMS	KVK Anantnag
9.	Dr. Tasneem Mubarak	Programme Coordinator	KVK Kulgam
10.	Dr. Mohd. Yousuf Bhat	Associate Professor	Fruit Science SKUAST-K
11.	Dr. M.H. Chesti	Assistant Professor	DoE,

			Extension SKUAST-K
12.	Dr. Irfan Ahmad Bisati	Assistant Professor	Fruit Science SKUAST-K
13.	Dr. Javed Ahmad Wani	Professor & Head	Soil Science SKUAST-K
14.	Dr. H.A. Malik	Assistant Professor	DoE, SKUAST-K
15.	Dr. Sheikh Muzaffar	Prof. & Head	Agriculture Extension SKUAST-K
16.	Dr. S.A. Simnani	Programme Coordinator	KVK Ganderbal
17.	Prof. Raihana Habib Kanth	Prof. & Head	Agronomy SKUAST-K
18.	Mrs. Abida Malik	Horticulture Development Officer	Department of Horticulture Chadoora
19.	Prof. G.H.Dar	Prof. & Head	Environmental Science SKUAST-K
20.	Dr. Parvaiz Iqbal	Associate Professor	Environmental Science SKUAST-K
21.	Sajad Ahmad Shah	Agriculture Extension Officer	Department of Agriculture
22.	Dr. Shabir Ahmad Bangroo	SMS (Soil Science)	KVK Kulgam
23.	Dr. Farahnazz Rasool	Assistant Professor (PP)	DoE, SKUAST-K
24.	Prof. F. A. Banday	Professor & Head	Fruit Science SKUAST-K
25.	Dr. Susheel Kumar	Assistant Professor	DoE, SKUAST-K
26.	Dr. Safeer Alam	Deputy Director	DoE, SKUAST-K
27.	Prof. M.A. Mir	Professor	PHT SKUAST-K
28.	Prof. Afsahn	Professor I/C	DoE, SKUAST-K
29.	Faiqa Sayed	Programme Assistant	KVK Budgam
30.	Iram Farooq	Programme Assistant	KVK Budgam
31.	Dr. J.A. Baba	Assistant Professor	KVK Pulwama
32.	Prof. S.A. Wani	Professor	Economics SKUAST-K
33.	Prof. S.A.Gangoo	Professor	Faculty of Forestry SKUAST-K
34.	Dr. Shaheena Gul	Associate Professor	Entomology SKUAST-K
35.	Gh. Mohammad	Stenographer	KVK Srinagar

36.	Mohd. Rajab	FCLA	
37.	Dr. Khurshid Ahmad	SMS (Plant Pathology)	KVK Budgam
38.	Dr. K.M. Malik	Assistant Professor	
39.	Mohd. Yaseen Bhat	Duplicating Operator	
40.	Dr. H.R. Naik	Prof. & Head	PHT SKUAST-K
41.	Niyaz Ahmad Wani		
42.	Gh. Hassan		
43.	Dr. Qazi Ahmad	Prof. & Head	Plant Pathology SKUAST-K
44.	Gh. Nabi		
45.	Tariq Hassan		
46.	Mohammad Ashraf		
47.	Dr. Ali Anwar	Professor	Plant Pathology SKUAST-K
48.	Dr. J.Risate	Prof. & Head	Agri.Engineering SKUAST-K
49.	Jallauddin Peer	Programme Assistant	KVK Srinagar
50.	Mohd. Ashraf Mir	Programme Assistant	KVK Srinagar
51.	Ms. Mehnaz Kanth	Horticulture Development Officer	Horticulture Deptt.
52.	Dr. Gul Sayeed	Chief Canning Officer	Lal Mandi Srinagar
53.	R.K. Tiko	Chief Horticulture Officer	Deptt. Of Horticulture Srinagar
54.	Dr. Bilal Ahmad Bhat	SMS (Agriculture Extension)	KVK Budgam
55.	Sultan Rahim	Agriculture Extension Officer	Deptt. Of Agriculture Srinagar
56.	Prof. Sarfaraz Ahmad	Dean, Faculty of Veterinary Science	Veterinary Science SKUAST-K
57.	Dr. Farooq Aga	Associate Professor	Agronomy SKUAST-K
58.	Prof. Mohd. Ashraf Bhat	Prof. & Head	PBG SKUAST-K
59.	Ms. Neelofer Kamili	Assistant Comptroller	KVK Srinagar
60.	Dr. Rukhsar Ahmad	SMS (Vegetable Science)	KVK Nyoma
61.	Prof. Qasim	Professor	Floriculture SKUAST-K

62.	Dr. Mohd. Mehdi	Programme Coordinator	KVK Kargil
63.	Dr. Poonam	Associate Professor (Home Science)	SKUAST-K
64.	Mushtaq Ahmad	LDM	J & K Bank
65.	Yasir Arfat Bhat	Programme Assistant	KVK Srinagar
66.	Dr. Mohd. Hanief Bhat	VAS C/o CAHO	Animal Husbandry Srinagar.
67.	Dr. Riyaz Rasool	District Sheep Husbandry Officer	Sheep Husbandry Srinagar
68.	Shakeel Ahmad Mir	SMS (Soil Science)	KVK Srinagar
69.	Ab. Majid Mir	Tech-II	Horticulture Department Srinagar.
70.	S.C. Garg	AGM	NABARD
71.	Junaid Ahmad Hashim	DDM Budgam	NABARD
72.	Bilal Ahmad	Programme Assistant	KVK Anantnag
73.	Dr. M.A. Parray	Senior Scientist	Entomology SKUAST-K
74.	Prof. Gh. Mohammad	Prof. & Head	Entomology SKUAST-K
75.	Dr. Rizwana Malik	Assistant Professor (Fishery)	Fisheries SKUAST-K
76.	Attaullah Khan	Fisheries Development Officer	Fisheries Department
77.	Dr. Rouf Ahmad Wani	Associate Professor (Entomology)	Entomology SKUAST-K
78.	Dr. R.K Nehim	Associate Professor (Entomology)	Entomology SKUAST-K
79.	Mr. Gh. Nabi	Driver	
80.	Mr. Gh. Mohiuddin Wani	Attendant	
81.	Sajad Ahmad	OCC	
82.	Gulzar Ahmad Bhat	OCC	
83.	Showket Mir	Driver	
84.	Mohd. Ayoub	Attendant	
85.	Maqbool Ahmad	Attendant	
86.	Gh. Mohammad	OCC	
87.	Mushtaq Ahmad	DPL	
88.	Mushtaq Ahmad Sofi	Driver	

89.	Gh. Hassan	Driver	
90.	Shabir Ahmad Ganie	Lab Attendant	
91.	Ali Mohd. Dar	Progressive Farmer	Darbagh
92.	Ali Majeed Dar	Progressive Farmer	Darbagh
93.	Shaheena Ali	Progressive Farmer	Darbagh
94.	Ali Mohammad Malik	Progressive Farmer	Dradekhover
95.	Bashir Ahmad	Progressive Farmer	Dradekhover
96.	Fayaz Ahmad Bhat	Progressive Farmer	Dradekhover
97.	Mohd. Sultan Bhat	Progressive Farmer	Telbal
98.	Javid Ahmad Lone	Progressive Farmer	Hamchipora
99.	Mohd. Sultan Dar	Progressive Farmer	Darbagh
100.	Bilal Ahmad Bhat	Progressive Farmer	Harwan
101.	Bashir Ahmad Wani	Progressive Farmer	Magam
102.	Abdul Rahim Wani	Progressive Farmer	Magam
103.	Mehraj Ahmad	Progressive Farmer	Faqirgujri
104.	Abdul Rashid	Progressive Farmer	Faqirgujri
105.	Ab. Rashid Sofi	Progressive Farmer	Faqirgujri

2. DETAILS OF DISTRICT (2015-16)

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 13 Lakh, is spread over an area of 294 Sq. Kms. It comprises of 07 Tehsils/ Towns viz; Srinagar North and Srinagar South, Central, Khanyar, Idgah, Chanapor Natipora and Panthachowk, 06 blocks, 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, Wheat, 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 294 sq.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.	Agro ecological situation	

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 (000 ha)	Production (000 T)	Productivity (Kg/ha)
1.	Fresh Fruit	5.66	19171	10000-12000
2.	Dry Fruit	1.78	1220	-
3.	Rice	2.511	0.587	6000
4.	Maize	0.101	0.059	4500
5.	Oilseed	0.434	0.588	1350
6.	Fodders	0.284	1.776	1200
7.	Pulses	0.073		800
8.	Wheat	0.003		4000

2.5. Weather data

Month	Rainfall(mm)	Maximum. Temperature	Minimum Temperature	Relative Humidity at 08:30hrs IST	Relative Humidity at 17:30hrs IST
April-2015	164.1	20.4	8.9	73	52
May-2015	63.4	24.3	11.6	71	49
June-2015	87.5	25.7	14.2	73	51
July-2015	139.3	29.3	19.0	80	57
Aug.2015	53.4	29.8	18.3	78	53
Sept.2015	56.4	26.7	11.7	75	49
Oct.2015	65.9	21.8	7.8	82	57
Nov.2015	36.3	14.6	3.3	89	69
Dec.2015	23.0	9.9	-1.3	90	71
Jan.2016	21.4	10.5	-1.4	88	59
Feb.2016	47.8	14.9	0.4	81	42
March.2016	170.1	15.9	4.3	81	58

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

Category	Population	Production	Productivity
Cattle			
Crossbred	43166		
Indigenous			
Buffalo	33		
Sheep			
Crossbred	51646		
Indigenous			
Goats	10219		
Pigs	-		
Crossbred	-		
Indigenous	-		
Rabbits	-		
Poultry			
Hens	3990081		
Desi			
Improved			
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

Source: J & K Animal Husbandry Department Srinagar.

2.7 Details of Operational area / Villages (2015-16)

S. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Srinagar	Srinagar (Zone Qamarwari)	Lawpora Mirgung Zainakote Khusipora Dandergah Noorbagh Palpora Kreshbal Soura Anachar Narkura Batmallo Bemina Gangbuk	Paddy, Mustard, Pulse, Vegetable Potato Sericulture Cattle	Paddy Blast, Water logging Non avaibility of quality seed Insect pests	Awareness about Blast, formation of cooperative societies. Vegetable seed production. Seed replacement. Collection of exotic vegetable. Area expansion under high value vegetable crops. Value addition of fruits and vegetables.
2.	Srinagar	Srinagar (Zone Brain)	Rajbagh Khonmoh A & B,Zevan Miskeenbagh Nayedyar Abnivpora Brain Dalgate Nishat Gupkar Khanyar S	Poultry Cattle Apple, Pear, Paddy Maize. Vegetables Saffron Almond Cherry Fisheries Naduru. Craft.	Collar rot, root rot, Papery bark, Blast brown spot, Non avaibility of quality seed Insect pests	Imparting Trainings on disease and nutrient management, Laying FLD's. Training and pruning of fruit trees. Integrated management of insect's pests. Vocational trainings on local craft
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

4	Srinagar	Srinagar (Zone Zakura)	Zakura, Gulab Bagh Ahmad Nagar Buchpora Mallbagh Saderbal Lalbazar Nigeen East Nigeen West Dargah	Apple Pomegranate Pear Quince Fishries Mushroom Sheep Medicinal plants Nadru Poultry	Collar rot root rot Papery Bark Anar butterfly	Imparting Trainings on disease management, Laying FLD's. Training and pruning. Integrated insect/pest management Cultivation of exotic vegetables. Commercial cultivation of floriculture crops. Pollination management of horticulture crops.
5	Srinagar	Srinagar (Zone Barzulla)	Barzulla Rambagh Solina Lalmandi Hyderpora Nowgam Rawalpora Channpora Bagi Mahtab Gogo Rangreth Humhama	Kitchen gardening Protected cultivation High density apple plantation Nutrition gardens Backyard poultry	Disease management, low productivity, seed problem. Less awareness about training and pruning	Imparting training on disease management, Awareness cum training on pruning and training. Dairy management, Cultivation of high value vegetables under protected conditions. Organic farming.

2.8 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
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 Lettuce, Broccoli Vegetables and Fruit crops	➢ Development of Peri-urban agriculture ➢ Off-season vegetable cultivation and cultivation under 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.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2015-16

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
02	02	04	04	-	26.2 ha	-	126

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	44	-	1124	-	273	-	4854
Rural youth	08	06	-	126				
Extn. Functionaries	06	06	-	159				

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
	Oats: 12.5		Almond: 170
	Moong: 0.63		Apricot: 66

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	*Achievement*	*Target*	*Achievement*

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.)*	*Supply of planting materials (No.)*	*Supply of livestock (No.)*	*Supply of bio products*	
													No.	*Kg*
01	Agro enterprise in high value vegetable crop.	Vegetable	Nursery failure	Cultivation of offseason vegetable under protected conditions.	-	02	-	-	2	-	-	-	-	-
02	Pollination management and scientific training & pruning	Apple	Poor fruit set	Scientific pruning in quality of apple	-	05	-	01	03	-	-	-	-	-
03	Commercial cultivation of floriculture crops	Lilium	Low adaptation of floriculture enterprise.	-	-	03	01	-	02	-	-	-	-	-
04	Soil health maintenance	-	Declined soil health	-	-	03	02	-	03	-	-	-	-	-
05	Integrated disease and pest management	Fruit vegetables	Presence of insects/pest and disease in various crops	-	-	05	02	01	02	-	-	-	-	-
06	Vocational programme for income generation	-	unemployment	-	-	05	03	02	02	-	-	-	-	-

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	01									01
Seed / Plant production					01					01
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System						01				01
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated										

Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises					01					01
TOTAL	01				02	01				04

* *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

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Varietal Evaluation										
Seed / Plant production					01					01
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System						01				01
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL					01	01				02

***** *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	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

A.4. Abstract on the number of technologies **refined** 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								
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 trail covering all the Technological Options)*
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production	Apple	Training and Pruning	02	02	0.10 ha

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trail covering all the Technological Options)*
	Vegetable	Protected Cultivation of Exotic Vegetables	02	02	Clutch of size 6*3 ft
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

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

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					
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production	Vegetable	Protected Cultivation of Exotic Vegetables	02	02	Clutches of Size 6.3 ft
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				
Feed and fodder				
Small scale income generating enterprises				
Total				

3.2.4. Technologies Refined 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				
Feed and fodder				
Small scale income generating enterprises				
Total				

B. Details of each On Farm Trial -1

1	Title	Effect of Scientific Pruning on Quality of Apple.
2	Problem Diagnose/defined	Low quality fruits
3	Details of technologies selected for assessment/refinement	
4	Source of technology	SKUAST-K
5	Production system thematic area	Crop Production Management
6	Thematic area	Crop Management
7	Performance of the Technology with performance indicators	
8	Final recommendation for micro level situation	
9	Constraints identified and feedback for research	
10	Process of farmer's participation and their reaction	

Results of On Farm Trial – 1

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of Assessment	Data on the Parameter	Results of assess ment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Rainfed	Low quality fruits	Effect of Scientific Pruning on Quality of Apple.	02	**On going**				

Technology Assessed	Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
T1: Farmer Practice			
T2: Scientific Practice			
T3: Refinement Practice			

No. of Farmers: 02

B. Details of each On Farm Trial -2

1	Title	Cultivation of off Season Exotic Vegetables under Protected Conditions.
2	Problem Diagnose/defined	Nursery failure due to adverse weather conditions.
3	Details of technologies selected for assessment/refinement	1) Farmers practice (Open Conditions) 2) Clutches (Protected conditions) 3) Refined practice (Sowing under protected conditions)
4	Source of technology	SKUAST-K
5	Production system thematic area	Production under protected conditions and early nursery raising of seedlings
6	Thematic area	Seedling / Plant production.
7	Performance of the Technology with performance indicators	Results showed that different vegetables sown under protected conditions shows better germination% and maturity as compared to crop sown in open conditions.
8	Final recommendation for micro level situation	Clutches can be suitable alternative for small scale production of vegetable seedlings as compared to other technologies which requires higher inputs.
9	Constraints identified and feedback for research	Intercultural practices are difficult due to the small size of clutches.
10	Process of farmer's participation and their reaction	Farmers were satisfied with the interventions on small scale production of vegetable seedlings.

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
Vegetable	Irrigated	Nursery failure	Cultivation of off Season Exotic Vegetables under Protected Conditions.	02	1) Open condition 2) Protected condition	Germination percentage Days to transplanting	Table below	Results showed that different vegetables sown under protected conditions shows better germination% and maturity as compared to crop sown in open conditions.	Satisfactory

Technology Assessed	Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
T1: Farmer Practice (Open condition)	Table below	-	-
T2: Protected Nursery (Protected condition)		300 Rs/unit	2:5:1

Crop	T.A	Size of Tunnel (fts)	Germination (%)	Length of Seedlings (cm)	Yield/Clutch	No. of leaves	Maturity (days)
Orach (Red)	T1: T2:	Open 6X3	50 90	2.50 4.32	500 g 650 g	10 13	90 50
Beet root	T1: T2:	Open 6X3	40 90	2.75 4.00	2.0 kg 2.5 kg	10 14	95 54
Swiss Chard	T1: T2:	Open 6X3	37 77	2.52 3.75	500 g 575 g	10 14	94 57
Parsley	T1: T2:	Open 6X3	45 70	2.42 3.20	400 g 550 g	09 12	93 60
Lettuce	T1: T2:	Open 6X3	45 92	2.80 3.59	1.5 kg 2.10 kg	10 12	97 53

Remarks:

Crop	Decrease in Maturity days as compared to open
Orach (Red)	40 days
Beet root	41 days
Swiss Chard	37 days
Parsley	33 days
Lettuce	44 days

PART 4 - FRONTLINE DEMONSTRATIONS

4. A. Summary of FLDs implemented during 2015-16

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	Others	Total	
	Oilseeds	**Rabi**	**2015-16**	**Brown Sarson**	**KS-101**	-	**Varietal Adoptability**	**SKUAST-K IDM,INM & Plant Geometry**	6.0	6.7	05	30	35	-
	Pulses	**Kharief**	**2015**	**Garden Pea**	**PS-10**		**Varietal Adoptability**	**SKUAST-K IDM,INM & Plant Geometry**	-	0.2	-	10	10	-
	Cereals	**Kharief**	**2015**	**Paddy**	**Jehlum**	-	**Varietal Adoptability**	**SKUAST-K IDM,INM & Plant Geometry**	5.0	4.9	07	15	22	-
		Kharief	**2015**	**Maize**	**C6, C15**	-	**Popularization**	**SKUAST-K IDM,INM & Plant Geometry**	6.0	5.0	10	02	12	-
	Millets													
	Vegetables													
	Flowers													
	Fruit													
	Spices and condiments													
	Commercial													
	Medicinal and aromatic													

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*	*Others*	*Total*	
	Fodder	**Rabi**	**2015-16**	**Oats**	**Sabzar**	-	**Demonstration**	**INM and IDM**	10.0	9.4	20	27	47	-
	Dairy													
	Poultry													
	Piggery													
	Sheep and goat													
	Button mushroom													
	Vermicompost													
	IFS													
	Apiculture													
	Implements													
	Others (specify)													

4.A. 1. Soil fertility status of FLDs plots during 2014-15

Sl. No.	*Category*	*Farming Situation*	*Season and Year*	*Crop*	*Variety/ breed*	*Hybrid*	*Thematic area*	*Technology Demonstrated*	*Status of soil (Kg/Acre)*			*Previous crop grown*
									N	*P*	*K*	
	Oilseeds	**Irrigated**	**Rabi.2015-16**	**Brown Sarson**	**KS-101**	**-**	**Varietal Adoptability**	**INM and Line Sowing**	**150**	**11.0**	**150**	**Paddy**
	Pulses	**Irrigated**	**Kharief 2015**	**Garden Pea**	**PS-10**	**-**	**Varietal Adoptability**	**INM and Line Sowing**	**145**	**13.0**	**136**	Oats
	Cereals	**Irrigated**	**Kharief 2015**	**Paddy**	**Jehlum**	**-**	**Varietal Adoptability**	**INM and Line Sowing**	**158**	**12.1**	**164**	**Mustard**
		Rainfed	**Kharief 2015**	**Maize**	**C6-C15**	**-**	**Varietal Adoptability**	**INM and Line Sowing**	**148**	**13.5**	**158**	**Oats**
	Millets											
	Vegetables											
	Flowers											
	Fruit											
	Spices and condiments											
	Commercial											
	Medicinal and aromatic											
	Fodder	**Rabi**	**Rabi 2015-16**	**Oats**	**Sabzar**	**-**	**Varietal Adoptability**	**INM and Line Sowing**	**152**	**12.8**	**169**	**Maize**
	Plantation											

Sl. No.	*Category*	*Farming Situation*	*Season and Year*	*Crop*	*Variety/ breed*	*Hybrid*	*Thematic area*	*Technology Demonstrated*	*Status of soil (Kg/Acre)*			*Previous crop grown*
									N	*P*	*K*	
	Dairy											
	Poultry											
	Piggery											
	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 demonstrated*	*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*
							H	L	A										
Oilseeds	**IDM and INM**	**KS-101**	-	**Irrigated**	35	6.7	16.0	10.5	12.5	8.0	34.0	26000	49000	23000	1.8:1	23000	31000	8000	1.3:1
Pulses	**IDM and INM**	PS-101	-	**Irrigated**	10	0.2	220 gm	160 gm	190 gm	140 gm	35.7	95000	50000	45000	2.1:1	70000	4000	3000	1.9:1
Cereals	**IDM and INM**	**Jehlum**	-	**Irrigated**	22	4.9	65.0	40.0	50.0	40.0	30.0	55000	95000	40000	1.7:1	40000	57000	17000	1.4:1
	IDM and INM	**C6-C15**	-	**Irrigated**	12	5.0	50.0 40.0	30.0 28.0	45.0 35.0	28.0 25.0	35.0	40000	90000	50000	2.1:1	30000	53000	23000	1.7:1
Millets												-	-	-	-	-	-	-	-
Vegetables																			
Flowers																			
Fruit																			
Spices and condiments																			
Commercial																			
Medicinal and aromatic																			
Fodder	**IDM and INM**	**Sabzar**	-	**Rainfed**	47	9.4	20	30	15	11.0	35.00	31000	78000	47000	2.5:1	20000	33000	13000	1.6:1

* 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.): Nil

Data on other parameters in relation to technology demonstrated					
Crop	***Technology to be demonstrated***	***Variety/ Hybrid***	***Parameter with unit***	***Demo***	***Check***

4.B.2. Livestock and related enterprises: Nil

Type of livestock	*Name of the technology demonstrated*	*Breed*	*No. of Demo*	*No. of Units*	*Yield (q/ha)*				*% 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																	
Poultry																	
Rabbitry																	
Pigerry																	
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.)

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

4. 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: Nil

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***
Blast Tolerance (%) Maturity days	Disease incidence: 0 %	Disease incidence: 30%

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

Sl.No.	***Activity***	***No. of activities organised***	***Number of participants***	***Remarks***
1	Field days	02	105	Field days were organized on scientific cultivation of Maize under rainfed conditions in collaboration with DARS Budgam
2	Farmers Training	05	148	Trainings were conducted on different managemental practices of particular crops
3	Media coverage	0	0	Management of different practices including IDM, INM etc
4	Training for extension functionaries	01	25	
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	15	09	24	-	-	-	15	09	24
Water management										
Seed production										
Nursery management	01	22	03	25	-	-	-	22	03	25
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	01	20	04	24	-	-	-	20	04	24
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	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-

Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
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	01	20	04	24	-	-	-	20	04	24
g) Medicinal and Aromatic Plants										
Nursery management	01	25	-	25	-	-	-	25	-	25
Production and management technology	01	14	10	24	-	-	-	14	10	24
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	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-
IV Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
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	01	-	24	24	-	-	-	-	24	24
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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry										
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	**07**	**116**	**54**	**170**	**-**	**-**	**-**	**116**	**54**	**170**
(B) RURAL YOUTH										
Mushroom Production	-	-	-	-	-	-	-	-	-	-

Bee-keeping	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
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	02	-	29	29	-	-	-	-	29	29
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and	-	-	-	-	-	-	-	-	-	-

Stitching										
Rural Crafts	-	-	-	-	-	-	-	-	-	-
TOTAL	**02**	**-**	**29**	**29**	**-**	**-**	**-**	**-**	**29**	**29**
(C) Extension Personnel										
Productivity enhancement in field crops	01	25	-	25	-	-	-	25	-	25
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	-	-	-	-	-	-	-	-	-	-
TOTAL	**01**	**25**	**-**	**25**	**-**	**-**	**-**	**25**	**-**	**25**

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	01	21	03	24	-	-	-	21	03	24
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	02	18	05	23	-	-	-	18	05	23
Water management										
Seed production	01	23	-	23	-	-	-	23	-	23
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	02	34	16	50	-	-	-	34	16	50
Off-season vegetables	01	16	09	25	-	-	-	16	09	25
Nursery raising	02	21	04	25	20	08	28	41	12	53
Exotic vegetables like Broccoli										
Export potential vegetables	01	19	04	23	-	-	-	19	04	23
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	02	39	08	47	-	-	-	39	08	47
b) Fruits										
Training and Pruning	04	110	-	110	45	04	49	155	04	159
Layout and Management of Orchards	02	28	-	28	20	-	20	48	-	48
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	02	26	03	29	26	-	26	52	03	55
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-

Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
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	02	40	08	48	-	-	-	40	08	48
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient	01	23	-	23	-	-	-	23	-	23

deficiency in crops										
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-
IV Livestock Production and Management										
Dairy Management	01	15	09	24	-	-	-	15	09	24
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
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	02	10	40	50	-	-	-	10	40	50
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	01	-	-	-	-	32	32	-	32	32
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	06	103	18	121	34	01	35	137	19	156
Integrated Disease Management	02	47	-	47	-	-	-	47	-	47
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
VIII Fisheries										
Integrated fish farming	01	-	-	-	30	-	30	30	-	30
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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry										
Production technologies	01	-	-	-	12	02	14	12	02	14
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	**37**	**593**	**127**	**720**	**187**	**47**	**234**	**720**	**174**	**894**
(B) RURAL YOUTH										
Mushroom Production	-	-	-	-	-	-	-	-	-	-

Bee-keeping	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	01	12	13	25	-	-	-	12	13	25
Commercial fruit production	01	-	25	25	-	-	-	-	25	25
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	01	15	09	24	-	-	-	15	09	24
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and	01	-	14	14	-	-	-	-	14	14

Stitching										
Rural Crafts	-	-	-	-	-	-	-	-	-	-
TOTAL	**04**	**27**	**61**	**88**	**-**	**-**	**-**	**27**	**61**	**88**
(C) Extension Personnel										
Productivity enhancement in field crops	02	48	12	60	-	-	-	48	12	60
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	01	19	06	25	-	-	-	19	06	25
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	01	20	05	25	-	-	-	20	05	25
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	01	-	24	24	-	-	-	-	24	24
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
TOTAL	**05**	**87**	**47**	**134**	**-**	**-**	**-**	**87**	**47**	**134**

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	01	21	03	24	-	-	-	21	03	24
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	03	33	14	47	-	-	-	33	14	47
Water management										
Seed production	01	23	-	23				23	-	23
Nursery management	01	22	03	25				22	03	25
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	03	54	20	74	-	-	-	54	20	74
Off-season vegetables	01	16	09	25	-	-	-	16	09	25
Nursery raising	02	21	04	25	20	08	28	41	12	53
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	01	19	04	23	-	-	-	19	04	23
Grading and standardization					-	-	-			
Protective cultivation (Green Houses, Shade Net etc.)	02	39	08	47	-	-	-	39	08	47
b) Fruits										
Training and Pruning	04	110	-	110	45	04	49	155	04	159
Layout and Management of Orchards	02	28	-	28	20	-	20	48	-	48
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	02	26	03	29	26	-	26	52	03	55
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-

Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
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	01	20	04	24	-	-	-	20	04	24
g) Medicinal and Aromatic Plants										
Nursery management	01	25	-	25	-	-	-	25	-	25
Production and management technology	01	14	10	24	-	-	-	14	10	24
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management										
Soil fertility management	02	40	08	48	-	-	-	40	08	48
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient	01	23	-	23	-	-	-	23	-	23

deficiency in crops										
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-
IV Livestock Production and Management										
Dairy Management	01	15	09	24	-	-	-	15	09	24
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
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	02	10	40	50	-	-	-	10	40	50
Income generation activities for empowerment of rural Women	01	-	24	24	-	-	-	-	24	24
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	01	-	-	-	-	32	32	-	32	32

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	06	103	18	121	34	01	35	137	19	156
Integrated Disease Management	02	47	-	47	-	-	-	47	-	47
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
VIII Fisheries										
Integrated fish farming	01	-	-	-	30	-	30	30	-	30
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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	01	-	-	-	12	02	14	12	02	14
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	**44**	**709**	**181**	**890**	**187**	**47**	**234**	**896**	**228**	**1124**
(B) RURAL YOUTH										
Mushroom	-	-	-	-	-	-	-	-	-	-

Production										
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	01	12	13	25	-	-	-	12	13	25
Commercial fruit production	01	-	25	25	-	-	-	-	25	25
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	03	30	32	62	-	-	-	30	32	62
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-

Tailoring and Stitching	01	-	14	14	-	-	-	-	14	14
Rural Crafts	-	-	-	-	-	-	-	-	-	-
TOTAL	**06**	**42**	**84**	**126**	**-**	**-**	**-**	**42**	**84**	**126**
(C) Extension Personnel										
Productivity enhancement in field crops	03	73	12	85	-	-	-	73	12	85
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	01	19	06	25	-	-	-	19	06	25
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	01	20	05	25	-	-	-	20	05	25
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	01	-	24	24	-	-	-	-	24	24
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
TOTAL	**06**	**112**	**47**	**159**	**-**	**-**	**-**	**112**	**47**	**159**

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

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							Male	Female	Total	Male	Female	Total	Male	Female	Total
06-04-2015	Progressive Farmer	Sowing of Solanaceous Vegetable Crops	Crop Production	Crop Management	03	On Campus	20	04	24	0	0	0	20	04	24
13-04-2015	Progressive Farmer	Scientific Cultivation of Maize	Crop Production	Crop Management	03	Off Campus	0	0	0	18	05	23	18	05	23
22-04-2015	Progressive Farmer	Raising of Paddy Nursery	Crop Production	Crop Management	03	On Campus	20	05	0	0	0	0	20	05	25
28-04-2015	Progressive Farmer	Management of Diseases and Pests of Apple Trees	Crop Protection	Integrated Pest Management	03	Off Campus	10	02	12	10	01	11	20	03	23
16-04-2015	Progressive Farmer	Management of Vegetable Nursery under Protected Condition	Crop Protection	Nursery Management	03	Off Campus	21	04	25	0	0	0	21	04	25
28-05-2015	Progressive Farmer	Awareness Programme on Disease and Pest Management of Apple	Crop Protection	Integrated Pest Management	03	Off Campus	23	03	23	02	0	02	25	0	25
04-06-2015	Progressive Farmer	Collection of Soil Samples in Oilseed and Oats Fields	Soil Science	Seed Production	03	Off Campus	19	05	24	0	0	0	19	05	24
28-07-2015	Progressive Farmer	Scientific Cultivation of Root Crops	Crop Production	Seed Production	03	Off Campus	14	10	24	0	0	0	14	10	24
28-07-2015	Progressive Farmer	Preservation of Fruits (Preparation of Jam)	Home Sc.	Post Harvest Management	03	Off Campus	10	15	25	0	0	0	10	15	25
28-07-2015	Rural Youth	Cultivation of Strawberry	Crop Production	Seed Production	03	Off Campus	0	25	25	0	0	0	0	25	25
10-08-2015	Progressive Farmer	Prevention of Fruit Drop	Crop Protection	Crop Management	03	Off Campus	25	03	28	02	0	02	27	03	30
11-08-2015	Progressive Farmer	Demonstration of Iron Rich Recipes for Pregnant and Lacting Women	Home Science	Other	03	Off Campus	0	0	0	0	32	32	0	32	32

18-08-2015	Progressive Farmer	Nursery raising of Cole Crops for Rabi Vegetables	Crop Production	Nursery Management	03	Off Campus	0	0	0	20	08	28	20	08	28
19-08-2015	Progressive Farmer	Pest Management in Commercially Cultivated Vegetables	Crop Protection	Integrated Pest Management	03	Off Campus	20	12	32	0	0	0	20	12	32
27-08-2015	Progressive Farmer	Pest Management in Pome and Stone Fruits	Crop Protection	Integrated Pest Management	03	Off Campus	30	0	30	0	0	0	30	0	30
03-09-2015	Progressive Farmer	Maturity Standards and Harvesting Techniques in Apple	Crop Production	Crop Management	03	Off Campus	01	0	01	24	0	24	25	0	25
08-09-2015	Progressive Farmer	Scientific Cultivation of Brown Sarson	Crop Production	Seed Production	03	On Campus	15	09	24	0	0	0	15	09	24
16-09-2015	Progressive Farmer	Commercial Cultivation of Lilium	Crop Production	Seed Production	03	On Campus	14	10	24	0	0	0	14	10	24
22-09-2015	Progressive Farmer	Seed Production of Vegetables	Crop Production	Seed Production	03	Off Campus	23	0	23	0	0	0	23	0	23
29-09-2015	Progressive Farmer	Demonstration of Tomato Puree	Home Science	PHT	03	Off Campus	0	25	25	0	0	0	0	25	25
28-09-2015	Progressive Farmer	Vermi-composting	Crop Production	Crop Management	03	Off Campus	19	04	23	0	0	0	19	04	23
06-10-2015	Progressive Farmer	Scientific Cultivation of Garden Pea	Crop Production	Seed Production	03	Off Campus	16	09	25	0	0	0	16	09	25
08-10-2015	Progressive Farmer	Raising of Male Poplars	-	Plant Management	03	Off Campus	0	0	0	12	12	24	12	12	24
13-10-2015	Progressive Farmer	Grading, Packing and Handling of Apple Fruit	Horticulture	Plant Management	03	Off Campus	23	03	23	0	0	0	23	03	23
16-10-2015	Progressive Farmer	Care and Management of New Born Calf and Lactating Cows	LPM	Livestock Management	03	Off Campus	15	09	24	0	0	0	15	09	24
21-10-2015	Progressive Farmer	Nursery Raising of Floriculture Crops	Floriculture	Plant Management	03	On Campus	25	0	25	0	0	0	25	0	25
29-10-2015	Progressive Farmer	Importance of Micronutrient	Crop Protection	Plant Management	03	Off Campus	23	0	23	0	0	0	23	0	23

		application in various Fruits													
27-10-2015	Rural Youth	Vocational Training on Bakery	Home Science	Post Harvest Management	03	On Campus	0	24	24	0	0	0	0	24	24
05-11-2015	Progressive Farmer	Flower Dehydration	PHT	Post Harvest Management	03	On Campus	24	0	24	0	0	0	24	0	24
06-11-2015	Progressive Farmer	Exposure Visit to Canning Institute	Home Science		03	On Campus	0	25	25	0	0	0	0	25	25
12-11-2015	Progressive Farmer	Cultivation of Under-utilized Vegetables	Crop Production	Crop Management	03	Off Campus	19	04	23	0	0	0	19	04	23
13-11-2015	Progressive Farmer	Impact of Weather on Crops	Crop Protection	Weather Management	03	Off Campus	21	03	24	0	0	0	21	03	24
17-11-2015	Progressive Farmer	Management of Soil Fertility through Balanced Fertilizer Application in Major Horticultural Crops	Soil Science	Crop Management	03	Off Campus	25	0	25	0	0	0	25	0	25
24-11-2015	Progressive Farmer	Scientific Pruning and Training in Fruit Crops	Horticulture	Plant Management	03	Off Campus	0	0	0	20	04	24	20	04	24
26-11-2015	Progressive Farmer	Grading and Handling of Quality Saffron Produce	Crop Production	Crop Management	03	On Campus	23	0	23	0	0	0	23	0	23
01-12-2015	Progressive Farmer	Scientific Pruning and Training	Plant Production	Training and Pruning	03	Off Campus	36	0	36	25	0	25	61	0	61
07-12-2015	Progressive Farmer	Scientific Pruning and Training	Plant Production	Training and Pruning	03	Off Campus	44	0	44	0	0	0	44	0	44
14-12-2015	Progressive Farmer	Scientific Pruning and Training	Plant Production	Training and Pruning	03	Off Campus	30	0	30	0	0	0	30	0	30
30-12-2015	Progressive Farmer	Utilization of Latest Techniques in Aquaculture	Fisheries	Aquaculture Management	03	Off Campus	30	0	30	0	0	0	30	0	30
28-12-2015	Rural Youth	Vocational Training Programme tilled “Knitting”	Home Science	Fashion Designing	03	Off Campus	0	14	14	0	0	0	0	14	14
04-01-2016	Progressive Farmer	Scientific Layout of Orchards	Horticulture	Plant Management	03	Off Campus	05	0	05	20	0	20	25	0	25

12-01-2016	Progressive Farmer	Management of Sanjose scale through oil Emulsion application	Plant Protection	Crop Management	03	Off Campus	0	0	0	24	0	24	24	0	24
18-01-2016	Progressive Farmer	Early Nursery Raising under Protected Structures	Crop Production	Nursery Management	03	Off Campus	19	04	23	0	0	0	19	04	23
25-01-2016	Progressive Farmer	Utilization of Kitchen Waste as Organic Manure	Crop Production	Seed Production	03	On Campus	23	0	23	0	0	0	23	0	23
18-02-2016	Progressive Farmer	Protected Cultivation of Vegetables	Plant Protection	Crop Management	03	Off Campus	20	04	24	0	0	0	20	04	24
24-02-2016	Progressive Farmer	Preparation of Diesel Oil Emulsion	Crop Protection	INM	03	Off Campus	22	01	23	0	0	0	22	01	23
25-02-2016	Progressive Farmer	Seed Treatment of different Crops	Crop Production	Seed Management	03	Off Campus	24	0	24	0	0	0	24	0	24
29-02-2016	Progressive Farmer	Scientific layout of Orchards	Horticulture	Plant Management	03	Off Campus	23	0	23	0	0	0	23	0	23
13-02-2016	Rural Youth	Utilization of Leftover Foods (Vegetable Cutlets/Balls)	Home Science	Value addition	03	Off Campus	15	09	24	0	0	0	15	09	24
02-03-2016	Progressive Farmer	Scientific Cultivation of Potato	Crop Production	Seed Management	03	Off Campus	20	06	26	0	0	0	20	06	26
10-03-2016	Progressive Farmer	Importance of HMO's for Management of Sanjose Scale & European Red Mite	Crop Production	INM/IDM	03	Off Campus	23	03	23	0	0	0	23	03	26
30-03-2016	Rural Youth	Layout of Kitchen Garden	Crop Production	Crop Management	03	Off Campus	12	13	25	0	0	0	12	13	25
28-03-2016	Rural Youth	Decoration out of Waste	SHG	Other	03	On Campus	10	15	25	0	0	0	10	15	15
07-04-2015	Field Functionary	Importance of Pollination in Fruit Crops	Fruit Crops	Plant Management	01	On Campus	25	0	25	0	0	0	25	0	25
22-06-2015	Field Functionary	Decoration out of Waste and Pot Painting programme	SHG	Other	01	Off Campus	0	35	35	0	0	0	0	35	35

		in collaboration with DIET Srinagar													
25-08-2015	Field Functionary	Pre Harvest Management in Paddy and Maize	Crop Production	Seed Management	01	Off Campus	30	05	35	0	0	0	30	05	35
18-09-2015	Field Functionary	Method Demonstration on Pickle	PHT	Value addition	01	Off Campus	0	24	24	0	0	0	0	24	24
20-10-2015	Field Functionary	Integration of Sericulture with other Agriculture activities	Sericulture	Integrated Nutrient Management	01	Off Campus	18	07	25	0	0	0	18	07	25
29-10-2015	Field Functionary	Hybrid Seed Production in Vegetables	Crop Production	Crop Management	01	Off Campus	20	05	25	0	0	0	20	05	25
28-10-2015	Field Functionary	Awareness Programme on Drip Irrigation of High Density Plantation	Horticulture	Plant Management	01	Off Campus	19	06	25	0	0	0	19	06	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	
Knitting	28-12-2015	Knitting	SDP	10	0	15	15	-	-	-	-
Decoration	13-02-2016	Decoration out of waste	SDP	15	0	15	15	-	-	-	-

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

Sl. 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	22-26th of June 2015	Decoration out of waste	Home Science	Skill Development	05	EF	01	0	36	36	0	0		0	36	36	DIET Beminal	-
02	11th - 12th of June 2015	Preparation of plum jam	do	Value addition	02	RY	01	0	40	40	0	0	0	0	40	40	RSETI	-
03	11th - 13th of March 2016	Preservation of fruit & Veg.	do	Value addition	03	PF	01	0	0	0	03	35	35	03	35	35	Hort. Deptt.	-
Total					**10**		**03**	**0**	**76**	**76**	**03**	**35**	**35**	**03**	**111**	**111**		

6. Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Purpose/ topic and Date	No. of activities	Participants											
				Farmers (Others) (I)			SC/ST (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day		**1**	**23**	**5**	**28**	**2**	**4**	**6**	**2**	**1**	**0**	**27**	**10**	**37**
2.	Field Day	24-08-15	01	20	0	20	30	0	30	0	0	0	50	0	50
3.	Field day	20-09-15	01	23	07	30	18	0	18	02	0	02	43	07	50
	Total		02	43	07	50	48	0	48	02	0	02	93	07	100
4.	Kisan Mela	15-10-15	01	100	20	120	30	0	30	07	03	10	137	23	160
5.	Kisan Mela		0	0	0	0	0	0	0	0	0	0	0	0	0
	Total		01	100	20	120	30	0	30	07	03	10	137	23	160
6.	Kisan Ghosthi		02	30	05	35	26	0	26	02	0	02	58	05	63
7.	Exhibition		01	40	04	44	0	0	0	0	0	0	40	04	44
8.	Film Show		24	235	100	335	0	0	0	0	0	0	235	100	335
9.	Method Demonstrations		12	10	120	130	09	53	62	03	0	03	22	183	205
10.	Farmers Seminar		0	0	0	0	0	0	0	0	0	0	0	0	0
11.	Workshop		0	0	0	0	0	0	0	0	0	0	0	0	0
12.	Group meetings		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Lectures delivered as resource persons		18	125	70	195	70	42	112	03	07	10	198	119	317

14.	Newspaper coverage		08	0	0	0	0	0	0	0	0	0	0	0	0
15.	Radio talks		04	0	0	0	0	0	0	0	0	0	0	0	0
16.	TV talks		16	0	0	0	0	0	0	0	0	0	0	0	0
17.	Popular articles		01	0	0	0	0	0	0	0	0	0	0	0	0
18.	Extension Literature		05	0	0	0	0	0	0	0	0	0	0	0	0
19.	Advisory Services		12	0	0	0	0	0	0	0	0	0	0	0	0
20.	Scientific visit to farmers field		13	475	35	510	620	15	635	75	53	128	1170	103	1273
21.	Farmers visit to KVK		97	230	60	290	144	15	159	20	06	26	394	81	475
22.	Diagnostic visits		20	75	0	75	66	0	66	0	0	0	141	0	141
23.	Exposure visits		19	450	150	600	110	60	170	0	0	0	560	210	770
24.	Ex-trainees Sammelan		01	15	45	60	85	09	94	0	0	0	100	54	154
25.	Soil health Camp	05-12-16	01	30	06	36	65	09	74	03	0	03	98	15	113
26.	Animal Health Camp	29-12-16 28-03-16	02	60	45	105	0	0	0	0	0	0	60	45	105
27.	Agri mobile clinic		0	0	0	0	0	0	0	0	0	0	0	0	0
28.	Soil test campaigns		07	200	0	200	50	0	50	0	0	0	250	0	250
29.	Farm Science Club Conveners meet		0	0	0	0	0	0	0	0	0	0	0	0	0
30.	Self Help Group Conveners meetings	26-02-16 10-03-16	02	08	20	28	0	0	0	0	0	0	08	20	28
31.	Mahila Mandals Conveners meetings		0	0	0	0	0	0	0	0	0	0	0	0	0
32.	Celebration of important days (specify)	29-03-16 Plantation day	01	20	04	24	0	0	0	0	0	0	20	04	24
	Grand Total		**273**	**2312**	**723**	**3035**	**1403**	**207**	**1610**	**126**	**73**	**196**	**3841**	**1013**	**4854**

6. B. Kisan Mobile Advisory Services

Kisan Mobile Advisory									
Name of the KVK	**No. of farmers Covered**	**No. of Messages (Text)**	**Type of messages**						
			Crop	**Livestock**	**Weather**	**Marketing**	**Awareness**	**Other enterprise**	**Any other**
Srinagar	485	14	06	02	02	01	01	01	01

6. C. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS during 2015-16: Nil

No. of Technology week celebrated	**Types of Activities**	**No. of Activities**	**Number of Participants**	**Related crop/livestock technology**
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			

	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

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	Moong	S. Moong-1	0.63	5040	07
VEGETABLES					
FOODER CROPS	Oats	Sabzar	12.5	31700	35
OTHERS (Specify)					
	Oats green	Sabzar	-	128650	02

B) PLANTING MATERIALS: Nil

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
SPICES					
VEGETABLES					
FOREST SPECIES					

ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

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						
3						
4						

D) LIVESTOCK: Nil

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle						
SHEEP AND GOAT						
POULTRY						

FISHERIES						
Others (Specify)						

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) Literature developed/published

Item	***Title***	***Authors name***	***Number of copies***
Research papers	Comparative study on the working of low cost food warmer/ traditional technology (Abstract)	Ponam Sharma Afshan Gul Tabassum Ara	-
	Innovation and popularization of low cost food warmer in Kashmir (Abstract)	Ponam Sharma Tabassum Ara Afshan Gul	-
	Avenues for women micro entrepreneurship development (Abstract)	Ponam Sharma Tabassum Ara Afshan Gul	-
	Efficacy of some horticultural mineral oils (HMO's) against *Quadraspidiotus perniciosus* (Comstock) in Kashmir.	M.A.Mir, R.K. Nehru Shabeena Majid, Jalaluddin	-
	Genetic studies involving metric traits in quality protein Maize (QPM) lines under temperate conditions.	Z.A.Dar, A.A.Lone M.A.Mir	-
	Efficacy of some horticultural mineral oils (HMO's) alone and in combination with some ovicidal acaricides against *panonychus ulmi* (Koch) in Kashmir	M.A.Mir, Saima Paul Asima Amin Shabeena Majid	-
	Heterosis for grain yield and its attributes in highland temperate maize germplasm.	Gower Ali, Z.A.Dar, M.A.Mir A.A. Lone.	-
Total	**07**		
Technical reports	-	-	-
Technical bulletins	-	-	-
Total	**-**	**-**	**-**
Popular articles	-	-	-
Training Manual	-	-	-
Total	-	-	-
Extension literature	-	-	-
Folders /leaflets	Training system of high density apple	Shabeena Majid Asima Amin	**100**
	Chawal Kay Pakwan	Saima Paul	**100**
TOTAL	**09**	**-**	**200**

(C) Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
01	DVD	Training & Pruning	08

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

a) Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise

Title: Popularization of Composite Maize varieties in tribal areas.

Introduction: KVK Srinagar under mandate of popularizing newly released varieties of different crops made sincere efforts to popularize high yielding maize varieties at different locations of the District.

Intervention: Kendra introduced high yielding composite Maize varieties whose yield as well as straw quality was much better than the local varieties.

Output/Outcome: During the first year, the local farmers refused to sow the C-15 Maize variety and follow package of practices particularly a seed rate of 30 Kg/ha against 80-90 Kg/ha. As soon as the crop under demonstration matured a visible difference was seen in respect of cob size, No. of cobs, height of the plants and quality of the straw which gained interest in farmers of the locality. After the crop was harvested, average yield of more than 40 q/ha was recorded at different location in comparison to local varieties whose average yield is 20-25 q/ha.

Impact: 35% increase was recorded in the seed yield and 30-40% increase in straw plus the crop matures a week earlier than the local varieties.

Monitoring of Maize

b) 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

Title: Cultivation of Off-Season Exotic Vegetables under Protected Conditions.

Introduction: Cultivation of off-season exotic vegetables was almost impossible for vegetable growers of the district. As we know vegetables play an important role in the balanced diet of human beings, besides providing energy. Vegetables ensure supply of vital protective nutrients like minerals and vitamins and are capable of producing more biomass. To boost vegetable production and enhance their availability, protected cultivation of vegetable is done. Off-season vegetable farming is the only viable option that can add value to the farmers produce. The tunnels offer protection to vegetable crops during winter. It offers maximum crop yield, better maintenance of the fertility of land, controlled temperature and humidity, protection from wild animals and insects & better water conservation.

Off-season cultivation of vegetables will not only bring high remuneration and better financial inclusion of farmers but also bridge the widening demand supply gap. On an average, the yield of vegetable crops could be 10-12 times higher than that of outdoor cultivation. Off-season vegetable cultivation is no doubt a profitable approach and adopting such methods and structures can positively lend to better financial inclusion through increased profitability.

Intervention: Kendra introduced clutches of size 6*3 feet covered with polythene at different locations for early raising of off-season exotic vegetables so that farmers can fetch good price for their produce. Different exotic vegetable seeds of Orach, Beet Root, Swiss Chard, Parsley and Lettuce were sown earlier.

Outcome/Output: Exotic vegetables grown under protected conditions matures early with high germination %. The germination was more than 90 % as compared to the seed sown under open conditions whose germination was less than 50%. Cultivation of exotic vegetables fetches more income during off-season and requires less maturity days than vegetables grown under open conditions. Clutches can be a suitable substitute for green houses if the seedlings are grown on small scale. Clutches being of low cost can easily be afforded by the farmers as compared to green houses whose cost of installation is very high and at the same time farmers can fetch a good price for their produce in the market.

Impact: Technology is getting more and more popular among farmers because of its low cost of establishment, early availability of seedlings, fetches more income, higher germination percentage, lower incidence of insects, pests and diseases and easy to install.




Off-season Exotic Vegetable Cultivation under Low Tunnels

c) 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

Cutting and Stitching

Introduction: Due to urbanization and mass conversion of agricultural land into colonies and small industrial units in district Srinagar, the land holding of people is decreasing day by day and because of luring prices of agricultural land farmers are shifting towards other trades. Hence need for skill development and vocational training programmes especially for semi urban girls is becoming of prime importance for their livelihood.

Intervention: 45 days vocational training for rural girls on cutting and tailoring hailing from semi urban area of Nadergund village was organized. Basic steps of cutting and tailoring included running stitch, hemming, tackling, button holding, button sewing etc.

Outcome/output: Gained knowledge in tailoring and stitching & a group of 08 girls linked with Cozy Electric Blanket Industry. These girls stitch 13-15 inners of electric blankets @ Rs.15 per blanket and earn Rs.6000-6500/month.

Impact: Model of income generating activity for the rural girls which improved their economic status.


Stitching inner covers of electric blankets

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

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)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
01	Apiculture	Due to harsh winters and lack of flora in Kashmir, beekeepers migrate their colonies to warmer places where flora is available for feeding. Shifting of colonies is much expensive because of labour, transportation etc. Interestingly one of our farmer has developed an innovative technology called "Winter Packing of Bee hive Colonies" wherein, frames are placed in the center of the box, sides are covered with newspapers in between space is filled with straw especially Paddy straw which increases inside temperature by 5-10^{0}C. A sugar candy of 250 gm is kept on the top of the frames covered with newspapers, then gunny bags and finally with empty fertilizer bags (being porous) which keeps it dry. Finally the box is covered with the lid. Sugar candy of 250 gm provides feed for 15 day/colony. By this way bees can easily survive for 3-4 months of harsh winter without shifting.	By adopting this procedure the huge exchequer on transportation and other charges can be saved and migration of colonies can be easily avoided.

Winter Packing of Bee hive Colonies

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: 02
ii. No. of farm families selected: 40
iii. No. of survey/PRA conducted: 02

9. F. Activities of Soil and Water Testing Laboratory

1. Status of establishment of Lab **:** *Working*
2. Year of establishment : 2005
3. List of equipments 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	01	19,800.00
5	Grinder	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	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	Geneset	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
Total		**38**	

3. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	283	283	120	-
Water Samples	-	-	-	-
Plant Samples	-	-	-	-
Petiole Samples	-	-	-	-
Total	**283**	**283**	**120**	Samples were analyzed free of cost on world soil health day

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	25	20	-	Rs. 5/graft Rs. 3/bud
Vermi-composting	23	13	Rs. 1200/quintal	Rs. 1500/quintal
Seed Production of Vegetables (G.M. Dari)	25	20	Rs. 20000/Kanal	Rs. 30000/Kanal
Utilization of Kitchen Waste as Organic Mannure	20	05	-	Rs. 3/kg
Value addition of Fruits	25	20	-	Rs. 500/trainee/month
Knitting	15	23	-	Rs. 1000/trainee/month
Training and Pruning	165	09	-	Rs. 600/pruner/day
Cutting & Stitching	25	37	-	Rs. 6000/trainee/month

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)

Cutworm (*Agrotis ipsilon*) is a serious pest of maize in Kashmir. The caterpillar feeds on young plants and cuts them off a little below or above the surface of soil. The pest is mainly active upto 3rd week of June. The pest causes more damage in the tribal areas of Faqirgujri and Dardekhover where maize is cultivated as main crop. Demonstration was conducted to prevent the crop from the pest. Different cultural practices like early sowing of the crop was done to reduce the damage by avoiding its susceptibility stage. Seed rate was increased to compensate the plant damage and ploughing of fields after harvesting was done to expose the pests to their natural enemies. Under heavy infestation application of carbofuran 3G @ 32.5 Kg/ha or Carbayal 10% @ 25 Kg/ha was recommended. By adopting these cultural practices, the damage of the pest was managed. Now the farmers of these areas are following these practices to avoid the damage of pest.

Introduction of high density plantation in the Harwan Zone by the Kendra and Horticulture Department has shown good results as farmers are shifting towards high density fruit plantation which fetches them good returns. By providing the HDP which are easy to maintain, early bearer and have simple cultural practices are getting popularized among the farmers of the area who are now shifting towards the HDP.

Cultivation of vegetables during winter season was impossible under Kashmir conditions and due to the intervention of KVK Scientists farmers cultivate vegetables under protected conditions. It not only provides them vegetables round the year but also fetches higher income in shorter duration of time. Seedlings are healthy and there is lower incidence of diseases, insects & pests. Farmer on a small scale could not afford polyhouse/greenhouse as its cost of installation is very high so Kendra popularized low tunnels/clutches among farmers for cultivation of vegetable seedlings during off-season. Low tunnels have various benefits as farmers can afford it easily, its cost of installation is low and no skilled labour is required.

Vocational training programmes especially for semi-urban girls where land holding is already less due to the urbanization. Kendra conducted a 45 days skill development training programme on “Cutting and Tailoring” at village Nadirgund. 25 girls were trained and the basic steps like running stitch, hemming, tackling etc. were taught to them. In the first phase 08 girls adopted the trade and were linked with local electric blanket manufacturer unit who payed them Rs. 15/blanket as stitching charges. The girls stitch 13-15 inners of

blankets and earn a handsome amount of Rs. 6000-6500/month. Seeing the achievement made by these girls in the field of "Cutting and Tailoring" has tempted other girls of the village to follow these practices and encouraging results are evident in the area.

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-II, SR-IV and Jehlum had an appreciable impact. SR-II 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 were 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
Inner Call	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: Y**es**

S. No.	Programme	Nature of linkage	Remarks
-	-	-	-

Coordination activities between KVK and ATMA during 2015-16: 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				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	FFS				
06	**Publications**				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others News coverage				
07	**Other Activities**				

11.4 Give details of programmes implemented under National Horticultural Mission: Nil

S. No.	Programme	Nature of linkage	Constraints if any

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	Year of estt.	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	15-06-2015	25-09-2016	02	S.Moong-1	Seed	0.63	2500	5040	
Pigeon pea									
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									
Fodder	11-02-2014	14-07-2015	01	Sabzar	Seed	12.5	12000	31700	
Green		04-2015	03	Sabzar	Green	-	51000	128650	

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): Nil

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	

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)*
April 2015			
May 2015			
June 2015			
July 2015			
August 2015			
September 2015			
October 2015			
November 2015			
December 2015			
January 2016			
February 2016			
March 2016			

12.6. Database management

S. No	*Database target*	*Database created by the KVK*
01	Data base of farmers	1000 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
With Host Institute	J &K Bank	H.S.H.S Srinagar	SB-19776
With KVK	J &K Bank	H.S.H.S Srinagar	CD-1765

13.2 Utilization of KVK funds during the year 2015-16 (up to March 2016)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	89.00	88.33	88.77
2	**Traveling allowances**	1.00	1.00	0.94
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	3.00	3.00	2.99
B	POL, repair of vehicles, tractor and equipments			
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 demonstration in a year)	4.50	4.50	4.13
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			
TOTAL (A)		**97.50**	**97.50**	**96.83**

B. Non-Recurring Contingencies				
1	**Works**	0.00	0.00	0.00
2	**Equipments 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
TOTAL (B)		**0.00**	**0.00**	**0.00**
C. REVOLVING FUND		0.00	0.00	0.00
GRAND TOTAL (A+B+C)		**97.50**	**97.50**	**96.83**

13.3 Status of revolving fund (Rs. in lakhs) for the last four 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 2012 to March 2013	210073.40	98655.00	20000.00	288728.40
April 2013 to March 2014	288728.40	115835.00	26045.00	378518.40
April 2014 to March 2015	378518.40	152094.00	50000.00	480612.40
April 2015 to March 2016	480612.00	202532.00	6450.00	676694.40

14. Details of HRD activities attended by KVK staff during 2015-16: Nil

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

15. Please include any other important and relevant information which has not been reflected above (write in detail).

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Annexure

District Profile-1

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 13 Lakh, is spread over an area of 294 Sq. Kms. It comprises of 07 Tehsils/ towns viz; Srinagar North and Srinagar South, Central, Khanyar, Idgah, Chanapora Natipora and Panthachowk, 06 blocks, besides 137 Revenue villages.

Geographical area	294 Sq. km
Number of Tehsils	07
No. of Blocks	06
No. of Panchayat	08
No. of Sub Division	02
No. of Villages	137
Households	100899
% Households of Total	100
Literacy %age	71.21
Population	12, 50,173 (2011)
Rainfall	585 (mm)
Land Utilization:	
1) Total Area	11703 ha
2) Forest Cover	600 ha
3) Non Agri Land	105 ha
4) Cultivable Land	10998 ha
Gross Area Sown	10846 ha
Net Area Irrigated	5116 ha
Rainfed Area	5730 ha
Livestock population	5.50 Lac

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

S. No	Crop	Area (000 ha)	Production (000 T)	Productivity (Kg/ha)
1.	Fresh Fruit	5.66	19171	10000-12000
2.	Dry Fruit	1.78	1220	-
3.	Rice	2.511	0.587	6000
4.	Maize	0.101	0.059	4500
5.	Oilseed	0.434	0.588	1350
6.	Fodders	0.284	1.776	1200
7.	Pulses	0.073		800
8.	Wheat	0.003		4000

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

Category	Population	Production	Productivity
Cattle			
Crossbred	43166		
Indigenous			
Buffalo	33		
Sheep			
Crossbred	51646		
Indigenous			
Goats	10219		
Pigs	-		
Crossbred	-		
Indigenous	-		
Rabbits	-		
Poultry			
Hens	3990081		
Desi			
Improved			
Ducks			
Turkey and others			

Major farming systems/enterprises.

S. No	Farming situation.	Representative Villages	Farming system/enterprise
1.	**Under AES-I: -** Plain, Irrigated, Double copped.	Chatterhamma, Danihama, Dara, Narkura, Gassu, Telbale, Manzgam, Fakirgujri, Braine, Shalimar, Khimber, Theed, Khanmooh	i) Paddy- Oilseed ii) Paddy - Oats. iii) Paddy- Vegetable. iv) Horticulture v) Broiler and Dairy

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 294 sq.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 Karewa.

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

Agro-Ecosystem analysis of the focus/target area-II

1. **Fakirgujri, Mujigund, Dardekhour, Maloora.**
2. **PRA, Transit Walk, Resource Mapping.**

Krishi Vigyan Kendra Srinagar adopted two villages namely village **Dardkhover** Dara zone Harwan and **Maloora** Mujigund zone Qamarwari having both different topography and different agricultural activities. Both the villages agriculture based economy. Village Maloora is involved in commercial cultivation of vegetables and in Dardkhover village there are multiple agriculture/horticulture activities like cultivation of paddy, maize, fodders and fruits like apple, cherry, pear, apiculture including sheep, goat and dairy.

The average landholding at village Dardkhover is 0.2 ha. And at village Maloora 0.4 ha. Small and marginal farmers constitute majority in the villages. Farm size is further decreasing overtime due to division and subdivision of landholding. Most of the villages are well connected with the road which is an advantage; however this advantage comes with a set of threats and villages are prone to come under urbanization and unreversisible division in spite of producing crops on commercial scale.

Horticulture is an important farming business of village Dardekhover besides Paddy and Maize. Cherry is being cultivated at large scale. .the main problems orchardists confront are poor fruit set, inadequate number of

pollinisers, faulty training and pruning and lack of post harvest management practices. Vegetable cultivation on commercial scale is being adopted in village Maloora. The main problem is lack of quality seed material, timely non availability of other inputs, high incidence of insect/pest and diseases and production of offseason vegetables under control conditions.

3. Analysis and Conclusions:

Table 1: Demographic Information and Literacy.

Villages	Total population	Male (%)	Female (%)	Literacy Rate
Dardekhover	1150	55	45	50
Maloora	1991	52	48	55

Table 2: Present area under Major Crops

Villages	Paddy (%)	Vegetables (%)	Maize (%)	Fodder (%)	Fruits (%)
Dardekhover	15	07	20	08	50
Maloora	50	50	-	-	-

Table 3: Information about Livestock and Poultry.

Villages	Animal/Poultry	No.	Milk
Dardekhover	Cattle	500	4-5 Kg/Cow
Maloora		525	5-6 Kg/Cow
Dardekhover	Sheep	700	-
Maloora		-	-
Dardekhover	Goat	300	-
Maloora		-	-
Dardekhover	Poultry	700	(Local and Broiler)
Maloora		600	(Local and Broiler)

4. List of Location Specific Problems

<u>Problem Identified:</u>

(Dardekhour)

Crop Production (Paddy)

Thematic Area	Existing Practice	Recommended Practice	Interventions
Seed	China 1039	Jehlum	FLDs/Demo's/ Awareness Campaigns
Nursery Management	Traditional/Unprotected Nurseries	Protected Nurseries	Demo's/ Awareness Campaigns
Nutrient Management	Blanket recommendations of NPK	Soil Test based doses of NPK	Trainings/Awareness Programmes
Crop Geometry	Low spacing and more no. of plants/hill	15*15 cms 3 plants/hill	Crop Demos/ Awareness Programmes
Weed	Unbalanced doses of	Recommended	Trainings/Demos

Management	weedicides,	doses of weedicides	
Plant Protection	Incidence of Insects/Pests/Diseases	IPM/IDM	Trainings/Awareness Programmes
Average Yield	40 q/ha	60 q/ha	Trainings/Awareness Programmes/Demos

Crop Maize: (Dardekhour)

Thematic Area	**Existing Practice**	**Recommended Practice**	**Interventions**
Seed	Local Seeds	Local specific improved varieties	FLDs/Awareness Programmes
Nutrient Management	Blanket recommendations	Soil test based nutrient management	Trainings/Awareness Programmes
Crop Geometry	Broadcasting	Line Sowing	Awareness Programmes/Demos
Crop Protection	Lack of IPM/IDM	SKUAST-K recommended IDM/IPM	FLDs/Trainings

Vegetables: (Maloora)

Thematic Area	**Problem**
Nursery Raising	Improper plant geometry and variety selection. Nursery raising under up protected conditions.
Protected/off Season Vegetable Cultivation	Vegetable cultivation under protected condition is not practiced. Lack of adaptation of polyhouse for cultivation of off-season vegetables
Exotic Vegetables	Not Cultivated
Seed Production	Farmers buy seeds from market. Seed cost is high and selection is done arbitrarily.

Fruits: (Dardekhour/Maloora)

Thematic Area	**Problem**
Training/Pruning	Poor know how about training and pruning techniques.
Plant Propagation Techniques	Scientific techniques of budding and grafting are not followed.
Pollination	Lack of knowledge about pollinizer/pollinators
High Incidence of Insect/Pest/Disease	Lack of knowledge. Improper IPM/IDM
Cultivation of Fruits	Poor orchard Management and lack of scientific cultivation practices.

Animal Science: (Dardekhour/Maloora)

Thematic Area	**Problem**
Management of Dairy Animals	Poor Housing and Sanitation Improper care, Management of pregnant and lactating cow. Lack of knowledge of artificial insemination.
Feed Management	Scarcity of green grass in winter effect as low milk production, mineral deficiency also reduce milk production.
Sheep/Goat rearing	Improper housing and sanitation, occurrence of bacterial, viral, fungal

	and parasitic diseases.
Poultry	Low productivity, diseases, poor feed and water management. Poor brooding management.
Others	Animal Husbandry, Veterinary dispensary is not available

Home Science: ((Dardekhour/Maloora)

Thematic Area	**Problem**
Nutrition	Poor cooking practice. Lack of awareness about balanced diet.
Women Health	Unawareness about importance of Iron in diet especially from women's and girls. Unawareness about nutritious meals for children and adolescent girls.
Home Scale Food Preservations	Post harvest losses in farm produce. Preservation of vegetables through unscientific traditional practices.

6. Matrix Ranking of Problems

Maloora:

i) Water logging
ii) Improper Crop Geometry
iii) Non-availability of Quality Seed
iv) Improper Plant Protection measures
v) Lack of Pollinisers
vi) Faulty training and Pruning.
vii) Post Harvest Losses.

Dardekhour:

i) Failure of Paddy Nursery due to Low Temperature.
ii) Improper Crop Geometry
iii) Lack of Pollinisers
iv) Faulty Training and Pruning.
v) Post Harvest Losses.

7. List of Location Specific Technology Trust Areas
Maloora and Dardekhour

i) Raised Nursery
ii) Crop Geometry
iii) Quality Seed.
iv) Plant Protection.
vi) Pollination.
vii) Training and Pruning.
viii) Value Addition
ix) Nutrient Management

8: List of Location Specific Technology needs for OFT and FLDs
Maloora and Dardekhour

i) Nursery Failure:- OFT on Modified Protected Nursery
ii) Poor Seed Yield:- FLD on HYV
iii) Water logging: - OFT on Raised Bed Cultivation.
iv) Poor Nutrient Management: - OFT on Soil Test Based Nutrient Application.

9: Matrix Ranking of Technologies
Maloora

i) Raised Beds for Nursery Raising.
ii) Recommended Crop Geometry.
iii) Availability of Parental lines for Hybrid Seed Production.
iv) Post Harvest Losses in Fruits and Vegetables.

Dardekhour

i) Use of HYV.
ii) Protected Paddy Nursery.
iii) Proper Training and Pruning Practices.
iv) Pollination Management.
v) Crop Geometry.

10: List of Location Specific Training Needs

Maloora

(Trainings/ Awareness Programmes /Demonstrations)

i) Nursery Raising.
ii) Line Sowing.
iii) Hybrid Seed Production.
iv) Value addition of Fruits and Vegetables.
v) Recommended Nutrient, Disease and Pest Management.
vi) Pollination Management.
vii) Proper Training and Pruning.
viii) Recommended Orchard Layout, Designs.

Dardekhour

i) Protected Nursery.
ii) Seed Replacement.
iii) Proper training and Pruning.
iv) Crop Geometry.
v) Pollination Management.
vi) Recommended Cooking Practices and Nutrient Management.
vii) Value addition of Fruits and Vegetables.