



ANNUAL PROGRESS REPORT

2013-14



KRISHI VIGYAN KENDRA REASI (J&K)



DIRECTORATE OF EXTENSION

**SHER-E-KASHMIR UNIVERSITY OF AGRICULTURAL
SCIENCES & TECHNOLOGY OF JAMMU**

PROFORMA FOR ANNUAL REPORT 2013-14

PART I - GENERAL INFORMATION ABOUT THE KVK

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

KVK Address	Telephone		E mail	Web Address
	Office	Fax		
Krishi Vigyan Kendra Vill. Tanda P/o Dera Baba Banda Bahadur Teh. and Distt. Reasi Pin: 182311	01991-287802	01991-287802	kvkreasi@gmail.com	www.kvkreasi.nic.in

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

Address	Telephone		E mail	Web Address
	Office	Fax		
Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu. Main Campus, Chatha.	0191- 2262133 2262134	0191-2262029	vcskuastj@gmail.com	www.skuast.org

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr Shahid Ahamad	01991-287802	9419917190	Shahid_2056@yahoo.co.in

1.4. Year of sanction:

November 2005

1.5. Staff Position (as on 31st March 2014)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/Others)
1	Programme Coordinator	Dr. Shahid Ahamad	Programme Coordinator		Plant Pathology	Ph. D.	37400-67000 (9000)	37400	21.07.08	Permanent	Gen
2	SMS	Dr. Sheetal Badyal	Subject Matter Specialist		Home science	Ph. D.	15600- 39,100 (6000)	25820	18.06.07	Permanent	Gen
3	SMS	Dr. Banarsi Lal	-do-		Ext. Edu.	Ph. D.	15600- 39,100 (6000)	24520	21.06.07	Permanent	Gen
4	SMS	Mr. Lalit Upadhyay	-do-		Agro-forestry	M.Sc.	15600- 39,100 (6000)	24320	06.12.07	Permanent	Gen
5	SMS	Dr. Mandeep Singh Azad	Do		Animal Husbandry	M.V. Sc.	15600- 39,100 (6000)	24320	04.04.12	Permanent	Gen
6	SMS	Vacant	-		-	-	-	-	-		-
7	SMS	Vacant	-		-	-	-	-	-		-
8	Programme Assistant (Lab Tech.) /T-4	S. Satbir Singh	Programme Assistant		Env. Sciences	M.Sc.	9300-34800 (4200)	14760	04.08.08	Permanent	Gen
9	Programme Assistant (Computer)/ T-4	Mr. Arvinder Kumar	Farm Manager		Ext. Edu.	M.Sc.	9300-34800 (4200)	14760	11.08.08	Permanent	Gen
10	Programme Assistant/ Farm Manager	Mr. Jagdish Kumar	Computer Programmer		Computer Sciences	M.Sc. IT	9300-34800 (4200)	14320	03.06.13	Permanent	SC
11	Assistant	Sh. Balraj Khajuria	Head assistant		-	-	9300-34800 (4200)	19470	-	Permanent	Gen
12	Jr. Stenographer	Manhor Lal	Jr. Stenographer		-	-	5200-20200 (2400)	-	19.01.12	Permanent	SC
13	Driver (LV)	Mohd Iqbal	Driver		-	-	5200-20200 (1900)	7970	-	Permanent	Gen
14	Driver	Manjeet Singh	Driver		-	-	5200-20200 (1900)	12470	-	Permanent	Gen
15	Supporting staff	Ashok Kumar	Attendant		-	-	5200-20200 (1300)	7890	-	Permanent	Gen
16	Supporting staff	Sanjay Kumar	Attendant		-	-	5200-20200(1300)	5920	-	Permanent	Gen

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.118
2.	Under Demonstration Units	0.008
3.	Under Crops	5.00
4.	Orchard/Agro-forestry	0.36
5.	Others (please specify)	Rest uncultivable. More than 5 ha eroded in floods.
	Total	20

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	Feb,2009	500	62.49	-	-	-
2.	Farmers Hostel	ICAR	Feb,2009	305	43.85	-	-	-
3.	Staff Quarters	ICAR	Feb,2009	400	30.17	-	-	-
4.	Demonstration Units							
a	Dairy	ICAR	Feb,2008	85 (1)	4.87	-	-	-
b	Poultry	KVK	Jan, 2014		0.50			
C	Vermicompost	KVK	Feb, 2014		0.30			
d	Mushroom	KVK	Nov. 2013		0.05			
5	Fencing	ICAR	-	-	-	-	-	Incomplete / broken
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
1.Tractor H.M.T.	2006	422650	500 hrs (app)	Working
2.TATA Sumo Victa	2006	500000	83500	Working
3. Hero Honda motorcycle	2011	50000	4250	working

C) Equipments & AV aids

<i>Sl.No</i>	<i>Name of the equipment</i>	<i>Year of purchase</i>	<i>Cost (Rs.)</i>	<i>Present status</i>
1	Leveler	2006	7000	Good
2	Disc Harrow	2006	23100	Good
3	Disc plough	2006	20750	Good
4	Cultivator	2006	15600	Good
5	Trolley	2006	74000	Good
6	HP Computer (1 No)	2007	40000	Good
7	UPS 1Kv	2007	8336	Good
8	LCD Projector	2007	100387	Good
9	Printer (hp Laserjet)	2007	13520	Good
10	HP Computer (1 No) (old)	-	-	Unserviceable
11	HP Computer (01 no) & printer& UPS	2010	42457	Good
12	SLR Digital camera (Sony)	2010	24900	Good
13	Fax machine (Sharp)	2010	7000	Good
14	Xerox Machine	2011	-	Good
15	HP Computer	2012	410000	Good
16	Weighing balance (100 kg)	2012	8000	Good
17	Maharaja Whiteline heaters	2013	9870	Good
18	Compaq LED monitor	2013	11000	Good
19	HP colorjet printer	2013	15000	Good
20	Sony handycam camcorder	2013	19990	Good
21	HP Scanjet Scanner	2013	4200	Good
22	Wimax Wi fi internet	2013	1575	Good
23	Podium	2013	11000	Good

1.8. Details SAC meeting* conducted in 2013-14

<i>Sl.No.</i>	<i>Date</i>	<i>Number of Participants</i>	<i>No. of absentees</i>	<i>Salient Recommendations</i>	<i>Action taken</i>
1.	18.03.2014	12	9	Annexure	Annexure
2.					

***Attach a copy of proceedings along with list of participants**

PART II - DETAILS OF DISTRICT

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

Sl. No	Farming system/enterprise	
1	Irrigated (borewell)	
2	Irrigated (canal)	Paddy-Wheat Maize- Mustard Horticulture crops a: (Vegetables like Tomato, Cole crops, cucurbits, Brinjal and chilies. b. Fruit crops like Mango, Citrus, Guava, Litchi, Peach, plum and apricot. c. Garlic, Ginger and Turmeric are potential spices of some pockets
3	Tank Irrigated	
4	Rainfed	Maize-Wheat Mash-Wheat Horticulture crops
5	Enterprises	

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

Sl. No	Agro-climatic Zone	Characteristics
1	Subtropical zone	This includes areas between 380-800m amsl. The lower belt of Reasi where the KVK is located falls in this zone. This area experiences hot summers followed by cold winters and area also experiences autumn frost. The major chunk of precipitation is received during monsoons. The soils are mostly sandy loam and clay loam with normal OM. Most of the area is rain fed with very little irrigation. The annual rainfall of the district is 1000 to 1100 mm. major chunk of it is received from may-September. The mean maximum and minimum temperature ranges between 35- 40 °C and 10-12 °C respectively. Agriculture in this area is diverse and is completely rain fed. The area has low productivity and low input usage.
2	Intermediate Zone	Situated between 800-1500m, amsl, this area experiences definite winters and a hot spell of summer. The major chunk of precipitation is received in July-Aug. Most part of Udhampur and Reasi falls in this zone. The annual rainfall of the district is about 1100 mm. The mean maximum and minimum temperature ranges between 35- 40 °C and 10-12 °C respectively. Agriculture in this area completely rain fed.
3	Temperate zone	It includes few areas falling above 1500m amsl. This area experiences chilling winters and major cropping season is kharif, during which moisture is available for growing crops. These areas also experiences snow in winter thus minimum temperatures falls below zero degrees during these months.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Sandy loam	Medium O. M. content, Low to medium N and Medium phosphorus and High in K content. Illite is dominate clay mineral. The soils are slightly acidic.	-
2	Clay loam	Medium O. M. content, Low to medium N and Medium phosphorus and High in K content. Illite is dominating clay mineral. The soils are slightly acidic.	-

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

Sl. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
1	Maize	29000	531000	18.40
2	Wheat	26000	517000	16.20
2	Paddy	10000	230000	23.00
4	Pulses	2320	16200	7.10
5	Millets	12428	-	-
6	Oil seed	2415	15200	4.50
7	Vegetables	3237	536000	166

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

S. No	Crop	Area (ha)	Production (Q)	Productivity (Q /ha)
1	Maize	19800	356400	18.0
2	Wheat	14600	337800	18.0
2	Paddy	2800	63200	22.5
4	Pulses	2050	20500	10.0
5	Oil seed	2100	14700	07.0
6	Vegetables	930	186000	200.0
7	Fodder	750	206250	275.0
8	Jowar/ bajra /barley etc.	600	9000	15.0
9	Floriculture	25	-	-

2.5. Weather data

Month	Rainfall (mm) 2012	Mean monthly Temperature °C		Mean monthly Relative Humidity (%)	
		Minimum	Maximum	Morning	Evening
Total					
Mean					

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

Category	Population	Production	Productivity
Cattle			
Crossbred	79476 (Udh) 110730 (Reasi)		
Indigenous	316099 (Udh) 196842 (Reasi)		
Buffalo	136104 (Udh) 124716 (Reasi)		
Sheep			
Crossbred	175337 (Udh) 210382 (Reasi)		
Indigenous	245268 (Udh) 300474 (Reasi)		
Goats	161432 (Udh) 174774 (Reasi)		
Pigs			
Rabbits			
Poultry	117564 (Udh) 89767 (Reasi)		
Hens			
Desi			
Ducks			
Turkey and others			
Fish			

2.7 District profile has been Updated for 2013-14: Yes/No

2.8 Details of Operational area / Villages

<i>Sl. No</i>	<i>Name of the taluk</i>	<i>Name of the Block</i>	<i>Name of the village</i>	<i>How long the village is covered under operational area of the KVK (years)</i>	<i>Major crops and enterprises</i>	<i>Major problems identified</i>	<i>Identified thrust areas</i>
1	Reasi	Reasi	Agarballian and Mari	3	Wheat, maize, black gram, green gram, Chickpea, paddy and vegetables.	1.Low production 2. Lack of awareness on improved varieties of pulses. 3. Insect-pest and disease attacks.. 4. No information on Weed management in cereals and pulses. 5. Low egg laying in local breeds of poultry.	1. Promotion of improved varieties of pulses. 2. Promotion of high yielding/improved varieties of cereals. 3. Integrated disease and insect-pest management. 4. Weed management in cereals and pulses. 5. Promotion of backyard poultry.
2	Reasi	Pouni	Malad, Talwara, Mari nala, Dhanwa, , Bharakh, Pouni	3	Wheat, paddy, maize, vegetables, spices, oilseeds, poultry farming.	1. Lack of knowledge of improved varieties of oilseeds. 2. Use of conventional planting material for the spices. 3. Diseases in turmeric and ginger. 4. Occurrence of Paddy blast. 5. Loose smut and flag smut diseases in wheat crop. 6. Lack of knowledge of scientific cultivation of vegetables.	1. Promotion of high yielding varieties. 2. Promotion of backyard poultry. 3. Replacement of spices varieties. 4. Management of Rhizome rot in spices.
3	Reasi	Reasi	Dera, Tanda, Seri, chumbian Mansoo, kanjali, Bhabbar, kundra Pannasa, shafanoo.	6	Maize/wheat/vegetables/milk and meat production, sericulture/ dhangri	1. Lack of availability of hybrid/improved varieties. 2. Lack of knowledge of scientific breeding, feeding and management of animals. 3. Lack of diseases and insect-pests management in crops. 4. Lack of awareness for fruit and vegetables processing. 5. Sericulture related seasonal problems.	1. Promotion of self help groups. 2. Insect and disease management in cereals. 3. Promotion and formation of SHGs. 4. Fruit and vegetable processing techniques. 5. Promotion of improved sericulture.
4	Udhampur	Chenani	Jaganu, Tarmara	1	Maize/wheat	1. Lack of new varieties of maize. 2. Use of conventional seeds.	1. Promotion of high yielding new Hybrids/ var. of maize. 2. Weed management in maize crop. 3. Promotion of high yielding varieties of wheat.

5.	Udhampur	Majalta Tikri	Gole/ Majalta/ Tikri/ Sundrani/ chirai Muthal	3	Maize/wheat/pulses/oilseeds	1. Low yield of cereals due to unscientific cultivation. 2. Lack of awareness on improved varieties of oilseeds. 3. Lack of awareness on seed treatment in cereals. 4. Lack of awareness on weed management in maize.	1. Promotion of new varieties of cereals in the area. 2. Promotion of improved varieties of oilseeds. 3. Seed treatment in cereals. 4. Weed management in maize.
6	Udhampur	Chenani	Dhramthal, Kud, Basht, Chenani, Gauri	5	Vegetables Maize/mash	1. Poor yields 2. Old varieties 3. Poor soil management and indiscriminate plant protection. 4. Lack of knowledge of fruit processing. 5. Lack of single cross new hybrids of maize.	1. Promotion of new hybrids of maize, integrated pest management. 2. introduction of new variety of mash 3. Promotion of olive cultivation. 4. Promotion of fruit processing in the area. 5. Introduction and evaluation of new vegetable hybrids.
7.	Reasi	Arnas,	Mahore/Shajru/Dharmari/ Arnas/Salal/ Thuru	3	Maize/wheat/fruit crops/mash	1. Low productivity of maize crop. 2. Single cropping. 3. Poor yield of pulse crops 4. Anar butterfly infestation. 5. Lack of knowledge of scientific cultivation temperate fruits.	1. Scientific cultivation of temperate fruits. 2. Introduction of single cross hybrids. 3. Promotion of improved varieties of pulses. 4. Management of insect-pests and diseases in fruit plants.
8	Reasi	Reasi	Pangal/ sool/ painthal/ kulia/ chak bhakta/ Moori/ didimorh/ Agharjitto, Dheerti, Chamarya	3	Wheat, paddy, maize, vegetables, oilseeds	1. Low productivity of flowers. 2. Low production of cereals. 3. Lack of availability hybrid/improved varieties' of vegetables 4. Lack of awareness of dhingri/mushroom cultivation 5. Lack of knowledge of scientific cultivation of oilseeds.	1. Promotion of marigold in the area. 2. Introduction of single cross maize hybrids. 3. Superior vegetable seeds. 4. Introduction of hybrid varieties of vegetables 5. Promotion of dhingri cultivation in the area. 6. Promotion of improved varieties of oilseeds.
9.	Udhampur	Panchari	Panchari, Meer,	3	Wheat, paddy, maize, vegetables, oilseeds,	1. Low productivity of maize crop. 2. Lack of awareness of improved/hybrid varieties of vegetables. 3. Low production of pulses.	1. Introduction of single cross hybrids of maize. 2. Introduction of improved varieties of pulses. 3. Technical guidelines of vegetables.

10.	Reasi	Arnas	Dharmari/Thor/Narloo	5	Maize/wheat/veg./poultry/mushroom cultivation/pulses	1. Low productivity of maize crop. 2. Lack of awareness of improved/hybrid varieties of vegetables. 3. Low production of pulses. 4. Lack of awareness of egg laying varieties of poultry 5. Lack of knowledge in scientific cultivation of dhingri/mushroom	1. Introduction of single cross hybrids of maize. 2. Introduction of improved varieties of pulses. 3. Introduction of hybrid var. of vegetables. 4. Introduction of egg laying variety of poultry 5. Scientific cultivation of dhingri.
11.	Reasi	Mahore	Bandi/Shajroo/Mahore	3	Maize/veg./poultry/mushroom cultivation/pulses	1. Low productivity of maize crop. 2. Lack of awareness of improved/hybrid varieties of vegetables. 3. Low production of pulses. 4. Lack of awareness of egg laying varieties of poultry 5. Lack of knowledge in scientific cultivation of dhingri/mushroom	1. Introduction of single cross hybrids of maize. 2. Introduction of improved varieties of pulses. 3. Introduction of hybrid var. of vegetables. 4. Introduction of egg laying variety of poultry 5. Scientific cultivation of dhingri.

2.9 Priority thrust areas

<i>Sl. No</i>	<i>Thrust areas</i>
1	Maize - Introduction of single cross commercial maize hybrids, Integrated Nutrient Management, weed management, common insect / pests.
2	Wheat - Promotion of seed replacement and introduction of new varieties, seed treatment, weed management, disease and pest management including termite control. Seed production of new varieties.
3	Paddy- Integrated disease and pest management.
4	Fodder- Promotion of new varieties, Increasing area under fodder crops. Round the fodder production.
5	Oilseed- Introduction of new varieties, Promotion of insect pest management. , control of Alternaria blight, Use of balanced nutrition. Seed production at KVK farm.
6	Pulses- Use of improved varieties, Weed management, insect /pest and disease management.
7	Fruit crops- Introduction of new varieties, control of anar butterfly, mango malformation, and disease and pest management in major fruit crops training and pruning of temperate fruits, survey of local germplasm.
8	Vegetables- Promotion of hybrids, introduction of new varieties. Disease and pest management. Round the year cultivation, healthy nursery raising of vegetable crops.
9	Animal husbandry- To increase production potential of livestock by improved breeding feeding and management practices.
10	Mushroom cultivation - Promotion of mushroom cultivation, growing of more species for year round cultivation.
11	Bee Keeping- Promotion of bee keeping, trainings on bee keeping/ management of apiaries.
12	Spices - Promotion of spices in the district, introduction of new varieties, standardization of planting dates, common diseases in spices, nutrient management.
13	Floriculture- Promotion of loose flower cultivation in the district, integrated nutrient management, introduction of new varieties.
14	Water conservation- Promotion of water conservation and increasing water productivity.
15	Agro-forestry - Fodder trees, Medicinal & Aromatic plants, Environment conservation.

PART III - TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
9	6	9	6	36.2 ha	47.25	180	250

Training				Extension Programmes			
3				4			
Number of Courses		Number of Participants		Number of Programmes		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
81	66	1510	1330	20	20	400	1073

Seed Production – Rabi (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
			200

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
1000	750		

3. B1. Abstract of interventions undertaken based on thrust areas identified for the district as given in Sl.No.2.9

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
1	Introduction of single cross hybrids, Weed management control of major insect pests in maize crop.	Maize	Low yield in maize crop , use of conventional seed, lack of chemical weed management and no insect /pest control.	-	Introduction of single cross hybrids, introduction of weed management and management of cut worm & its control.	1	-	-	3	-	-	-	-	-
2	Seed treatment and promotion of new varieties, seed treatment, disease and weed management	Wheat	Low yields use of local seeds. Unscientific approach towards cultivation. Lack of chemical weed management.	Management of loose smut of wheat.INM in wheat	Introduction of improved wheat variety in Reasi and Udampur.	1	-	-	2	-	-	-	-	-
3.	Management of diseases and introduction of high yielding var.	Paddy	Lack of availability of high yielding/hybrid varieties. Lack of disease management.		Introduction of high yielding /hybrid varieties.	2	-	1	4	-	-	-	-	-
4	Promotion of improved varieties of pulses.	Lentil , chickpea black gram,Ahrar	Non availability of quality seed.Lack of knowledge of INM in pulses.	-	Introduction of improved varieties of pulses and integrated weed management.	1	-	-	-	-	-	-	-	-

5	Promotion of improved varieties of oilseed.	Toria/ Mustard/ G.sarson/til	Old varieties. Lower yields due to aphid attack/Lack of knowledge of INM in oilseeds.	-	Introduction of high yielding varieties of oilseeds.	1	-	-	1	-	-	-	-	-
6	Promotion of spices.	Turmeric and ginger	Rhizome rot and Bacterial wilt diseases and lack of good planting material.	Performance of different strains of ginger in Reasi and Udampur. Integrated nutrient management in turmeric.	Introduction of new strains of turmeric and ginger in Reasi	1	-	-	1	-	-	-	-	-
7	Promotion of floriculture	Marigold	Lack of knowledge of scientific cultivation of marigold.	-	Introduction of new variety of marigold.	1	-	-	1	-	-	-	-	-
8	Crop diversification	Mushrooms/dhingri	Lack of knowhow, and non availability of spawn	-	Introduction of Dhingri in Reasi.	1	-	-	1	-	-	-	-	-
9.	Promotion of vegetable culture.	Vegetables crops.	Lack of new varieties, Poor INM and no check on insect/pest.		Introduction of hybrid varieties of vegetables	2	-	-	-	-	-	-	-	-
10.	Promotion of fruit crops.	Mango/ citrus/ stone fruits, walnut, apple, pomegranate.	Old varieties, Poor upkeep, Lack of insect pest management.	Survey of existing seedling germplasm in Reasi.	-	2	-	-	-	-	-	-	-	-
11.	Preservation and value addition of commercial crops.	Mango/ citrus, apple, milk, mushrooms, chaat masala etc.	Lack of knowledge of processing Wastage of excess produce	-	-	2	2	-	-	-	-	-	-	-
12	Introduction of High egg laying poultry varieties	Backyard poultry farming	Use of Local low egg producing varieties	-	Backyard poultry farming using Van raja/chabro poultry birds	2	-	1	-	-	-	-	-	-
13	Parasitic control in small ruminants	Goats and Sheep	No timely de-worming and use non specific anthelmintics	Gastrointestinal Parasitic control	-	2	-	-	-	-	-	-	-	-
14	Disease management in Livestock	Livestock	No timely de-worming and vaccination Schedule High Parasitic load		Timely de-worming	2	1	-	-	-	-	-	-	-

15.	Mushroom cultivation	Mushroom	Lack of knowledge of scientific cultivation of dhingri		Scientific cultivation of dhingri	-	1	-	-	-	-	-	-	-
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3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No. of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8

3.B2 contd..-

S. No.*	OFT				FLD				Training				Others (Specify)			
	General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
	No. of farmers covered															
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

*Same as above

PART IV - On Farm Trial

4.A1. Abstract on the number of technologies assessed in respect of crops

<i>Thematic areas</i>	<i>Cereals</i>	<i>Oilseeds</i>	<i>Pulses</i>	<i>Commercial Crops</i>	<i>Vegetables</i>	<i>Fruits</i>	<i>Flower</i>	<i>Plantation crops</i>	<i>Tuber Crops</i>	<i>TOTAL</i>
Integrated Nutrient Management	1									1
Varietal Evaluation										
Integrated Pest Management										
Integrated Crop Management										
Integrated Disease Management	1									1
Small Scale Income Generation Enterprises										
Weed Management										
Resource Conservation Technology										
Farm Machineries										
Integrated Farming System	1			1						2
Seed / Plant production										
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total	3			1						4

4.A2. Abstract on the number of technologies refined in respect of crops

<i>Thematic areas</i>	<i>Cereals</i>	<i>Oilseeds</i>	<i>Pulses</i>	<i>Commercial Crops</i>	<i>Vegetables</i>	<i>Fruits</i>	<i>Flower</i>	<i>Plantation crops</i>	<i>Tuber Crops</i>	<i>TOTAL</i>
Integrated Nutrient Management	1									1
Varietal Evaluation										
Integrated Pest Management										
Integrated Crop Management										
Integrated Disease Management	1									1
Small Scale Income Generation Enterprises										
Weed Management										
Resource Conservation Technology										
Farm Machineries										
Integrated Farming System										
Seed / Plant production										
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total	2									2

4.A3. Abstract on the number of technologies assessed in respect of livestock/enterprises

<i>Thematic areas</i>	<i>Cattle</i>	<i>Poultry</i>	<i>Piggery</i>	<i>Rabbitary</i>	<i>Fisheries</i>	<i>TOTAL</i>
Evaluation of Breeds						
Nutrition Management						
Disease of Management	1					1
Value Addition						
Production and Management						
Feed and Fodder						
Small Scale income generating enterprises		1				1
TOTAL	1	1				2

4.A4. Abstract on the number of technologies refined in respect of livestock/enterprises

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

4.B. Achievements on technologies Assessed and Refined**4.B.1. Technologies Assessed under various Crops**

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>Number of farmers</i>	<i>Area in ha (Per trail covering all the Technological Options)</i>
Integrated Nutrient Management	Wheat		2	2	0.4
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management	Wheat		4	4	0.40.
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System	wheat		2	2	0.05
	Spices		2	2	0.05
Seed / Plant production					

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>Number of farmers</i>	<i>Area in ha (Per trail covering all the Technological Options)</i>
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

4.B.2. Technologies Refined under various Crops

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>Number of farmers</i>	<i>Area in ha (Per trail covering all the Technological Options)</i>
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					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

4.B.3. Technologies assessed under Livestock and other enterprises

<i>Thematic areas</i>	<i>Name of the livestock enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>No. of farmers</i>
Evaluation of breeds				
Nutrition management				
Disease management		Treatment of mastitis	2	2
Value addition				
Production and management				
Feed and fodder				
Small scale income generating enterprises		Poultry farming	2	2
Total			4	4

4. B.4. Technologies Refined under Livestock and other enterprises

<i>Thematic areas</i>	<i>Name of the livestock enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>No. of farmers</i>
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management				
Feed and fodder				
Small scale income generating enterprises				
Total				

4. C1. Results of Technologies Assessed

Results of On Farm Trial – 1

<i>Crop/ enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10
Animal		Sub clinical Mastitis	Treatment of Mastitis	1	T1- Complete emptying of teats T2- Washed with KMnO ₄ T3- Broad spectrum Intramammary antibiotics.	Reduction in inflammation Reduction in redness Return to normal milking of Teat.	T1- Nil T2- 1:1000, 1 gm/1000ml of KMnO ₄ in Water. T3- 2 Tubes daily for 3 days of Pendenstrin SH	Use of intrammary antibiotic resulted in complete cure ()100% of Teat. In case of KMnO ₄ (10%) & complete emptying of teats (10%), it did not showed much improvement, but can act as supportive treatment.	Farmers were satisfied with the use of antibiotic treatment & animal had returned to normal milking.

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16
T1- Complete emptying of teats (10%)	KVK Reasi	-	-	-	-
T2- Washed with KMnO ₄ (10%)					
T3- Broad spectrum Intramammary antibiotics. (100%)					

4. C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	: Treatment of Mastitis
2	Problem Definition	: Sub clinical Mastitis
3	Details of technologies selected for assessment	: T1- Complete emptying of teats T2- Washed with KMnO ₄ T3- Broad spectrum Intra mammary antibiotics.
4	Source of technology	: KVK Reasi
5	Production system and thematic area	: Disease Management
6	Performance of the Technology with performance indicators	: Use of intra mammary antibiotic resulted in complete cure of Teat. In case of KMnO ₄ & complete emptying of teats it did not showed much improvement, but can act as supportive treatment.
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:
8	Final recommendation for micro level situation	: Use of intra mammary antibiotic found the best for complete cure of Teat
9	Constraints identified and feedback for research	: Lack of knowledge & Delayed Treatment.
10	Process of farmer's participation and their reaction	: Farmers were satisfied with the use of antibiotic treatment & animal had returned to normal milking.

Results of On Farm Trial – 2

<i>Crop/ enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10
Animal		Poor health status	Urea mineral molasses blocks and mineral mixture supplementation.	2	Increase milk production, improvement in overall health status of animal.	T1 Farmers practice T2 UMMB without mineral mixture T3 UMMB with mineral mixture.	yield	In progress	

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16
	In progress	In progress	In progress	In progress	In progress

4. C2. Details of On Farm Trial for assessment

- | | | |
|----|--|---|
| 1 | Title of Technology Assessed | : Urea mineral molasses blocks and mineral mixture supplementation |
| 2 | Problem Definition | : Poor health status |
| 3 | Details of technologies selected for assessment | : T1 Farmers practice
T2 UMMB without mineral mixture
T3 UMMB with mineral mixture. |
| 4 | Source of technology | : KVK Reasi |
| 5 | Production system and thematic area | : |
| 6 | Performance of the Technology with performance indicators | : |
| 7 | Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques | : In progress |
| 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 – 3

<i>Crop/enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10
Turmeric	Rain fed	Non utilization of the area under Bamboo	Productivity estimation of Turmeric under bamboo based Agroforestry system.	2	T1- Farmers practice T2- Under Bamboo canopy	Yield	150q/ha 145q/ha	Yield under bamboo was low in comparison to open field.	Farmers were satisfied with the results, as they were not growing anything under bamboo canopy.

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16
T1- Farmers practice	SKUAST-J	150	q/ ha	358000	1:3.89
T2- Under Bamboo canopy	SKUAST-J	145	q/ ha	343000	1:3.72

4. C2. Details of On Farm Trial for assessment

- | | | |
|----|--|---|
| 1 | Title of Technology Assessed | : Productivity estimation of Turmeric under bamboo based agro-forestry system. |
| 2 | Problem Definition | : Non utilization of the area under Bamboo. |
| 3 | Details of technologies selected for assessment | : T1- Farmers practice
T2- Under Bamboo canopy |
| 4 | Source of technology | : KVK Reasi |
| 5 | Production system and thematic area | : IFS |
| 6 | Performance of the Technology with performance indicators | : Yield under bamboo was low in comparison to open field. |
| 7 | Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques | : Farmers were satisfied with the results, as they were not using the land under bamboo canopy. |
| 8 | Final recommendation for micro level situation | : Turmeric can be grown under canopy of bamboo for utilization of land. |
| 9 | Constraints identified and feedback for research | : Non utilization of land under canopy of bamboo. |
| 10 | Process of farmer's participation and their reaction | : Farmers were satisfied with the results, as they were not growing anything under bamboo canopy. |

Results of On Farm Trial – 4

<i>Crop/ enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10
Wheat	Rain fed	Low productivity of wheat under orchards	Yield of wheat varieties under mango based Agro forestry System.	1	T1- Local var. T2- PBW 175	Yield	-	-	In Progress

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16
T1- Local var.	SKUAST-J	-	-	-	In Progress
T2- PBW 175	SKUAST-J	-	-	-	-

4. C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	: Yield of wheat varieties under mango based Agro forestry System.
2	Problem Definition	: Non utilization of the area under Orchards.
3	Details of technologies selected for assessment	: T1- Local var. T2- PBW 175
4	Source of technology	: KVK Reasi
5	Production system and thematic area	: IFS
6	Performance of the Technology with performance indicators	: In Progress
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	: In Progress
8	Final recommendation for micro level situation	: In Progress
9	Constraints identified and feedback for research	: In Progress
10	Process of farmer's participation and their reaction	: In Progress

Results of On Farm Trial – 5

<i>Crop/enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10
Wheat	RF	Low yield due to poor nutrient management	Integrated Nutrient management in wheat	2	T1 Control T2 Recommended NPK T3 75% of recommended fertilizers + 40 qt/ha of FYM T4 40 qt/ha FYM	In progress			

Contd..

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16
T1 Control	KVK Reasi				
T2 Recommended NPK					
T3 75% of recommended fertilizers + 40 qt/ha of FYM					
T4 40 qt/ha FYM					

4.C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	: Integrated Nutrient management in wheat
2	Problem Definition	: Low yield due to poor nutrient management
3	Details of technologies selected for assessment	:T1 Control T2 Recommended NPK T3 75% of recommended fertilizers + 40 qt/ha of FYM T4 40 qt/ha FYM
4	Source of technology	: KVK Reasi
5	Production system and thematic area	: Wheat – maize , Integrated Nutrient management
6	Performance of the Technology with performance indicators	:
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	: In progress
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 – 6

<i>Crop/ enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10
Wheat	RF	Low yield due to loose smut in wheat	: Management of loose smut in wheat	4	T1 Control (without seed treatment) T2 Seed treatment with raxil @ 0.5kg of seed T3 Seed treatment with raxil @11g/kg of seed			In progress	

Contd..

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16
T1 Control	KVK Reasi				
T2 Recommended NPK					
T3 75% of recommended fertilizers + 40 qt/ha of FYM					
T4 40 qt/ha FYM					

4.C2. Details of On Farm Trial for assessment

- 1 Title of Technology Assessed
- 2 Problem Definition
- 3 Details of technologies selected for assessment

: **Management of loose smut disease in wheat**

: Low yield due to loose smut disease in wheat

:T1 Control(without seed treatment)
T2 Seed treatment with raxil @0.5kg of seed
T3 Seed treatment with raxil @1 g/kg of seed

- 4 Source of technology
- 5 Production system and thematic area
- 6 Performance of the Technology with performance indicators
- 7 Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
- 8 Final recommendation for micro level situation

: KVK Reasi
: Wheat – maize , Disease management

:
:
:
:

In progress

- 9 Constraints identified and feedback for research :
 10 Process of farmer's participation and their reaction :

Results of On Farm Trial – 7

<i>Crop/ enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Assessed</i>	<i>Parameters of assessment</i>	<i>Data on the parameter</i>	<i>Results of assessment</i>	<i>Feedback from the farmer</i>
1	2	3	4	5	6	7	8	9	10

Contd..

<i>Technology Assessed</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
11	12	13	14	15	16

4.C2. Details of On Farm Trial for assessment

- 1 Title of Technology Assessed
 2 Problem Definition
 3 Details of technologies selected for assessment
 4 Source of technology :
 5 Production system and thematic area :
 6 Performance of the Technology with performance indicators :
 7 Feedback, matrix scoring of various technology parameters done
 through farmer's participation / other scoring techniques
 8 Final recommendation for micro level situation :
 9 Constraints identified and feedback for research :
 10 Process of farmer's participation and their reaction :

4.D1. Results of Technologies Refined

Results of On Farm Trial – 1

<i>Crop/enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Refined</i>	<i>Parameters of refinement</i>	<i>Data on the parameter</i>	<i>Results of refinement</i>	<i>Feedback from the farmer</i>	<i>Justification for refinement</i>
1	2	3	4	5	6	7	8	9	10	11

Contd..

<i>Technology Refined</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
12	13	14	15	16	17

4.C2. Details of On Farm Trial for refinement

- 1 Title of Technology Refined :
- 2 Problem Definition :
- 3 Details of technologies selected for refinement :
- 4 Source of technology :
- 5 Production system and thematic area :
- 6 Performance of the Technology with performance indicators :
- 7 Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques :
- 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 – 2

<i>Crop/enterprise</i>	<i>Farming situation</i>	<i>Problem definition</i>	<i>Title of OFT</i>	<i>No. of trials</i>	<i>Technology Refined</i>	<i>Parameters of refinement</i>	<i>Data on the parameter</i>	<i>Results of refinement</i>	<i>Feedback from the farmer</i>	<i>Justification for refinement</i>
1	2	3	4	5	6	7	8	9	10	11

Contd..

<i>Technology Refined</i>	<i>Source of Technology</i>	<i>Production</i>	<i>Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)</i>	<i>Net Return (Profit) in Rs. / unit</i>	<i>BC Ratio</i>
12	13	14	15	16	17

4.C2. Details of On Farm Trial for refinement

- 1 Title of Technology Refined :
- 2 Problem Definition :

- 3 Details of technologies selected for refinement :
- 4 Source of technology :
- 5 Production system and thematic area :
- 6 Performance of the Technology with performance indicators :
- 7 Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques :
- 8 Final recommendation for micro level situation :
- 9 Constraints identified and feedback for research :
- 10 Process of farmer's participation and their reaction :

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2013-14

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	Rainfed	Kharif 2013	Til	Pb Til 1	-	Improved varieties	Improved varieties	2	2	6	11	17	
		Rainfed	Kharif 2013	Toria	RSPT 1	-	Improved varieties	Improved varieties	2	1.5	3	17	20	
		Rainfed	Kharif 2013	Mustard	RSPR 01	-	Improved varieties	Improved varieties	4	4	7	29	36	
	Pulses	Rainfed	Kharif 2013	Black Gram	Uttara		Improved varieties of Pulses	Improved var. of Black Gram	5	5	9	33	42	
		Rainfed	Rabi 2013	Lentil	L-4147		Improved varieties of pulses	Improved var. of lentil		3.8	2	42	44	-
		Rainfed	Rabi 2013	Chickpea					2	2	1	13	14	
		Rainfed	Kharif 2013	Pigeon Pea	UPAS-120			Improved varieties of Pigeon Pea	7.95		15	14	29	
	Cereals	Rainfed	Rabi 2013	Maize			Improved varieties of maize				32	48	80	
	Millets													
	Vegetables	Rainfed	Kharif 2013	Potato	Kufri sinduri, Pukhraj, Badshah		Improved varieties			0.20	40	40	80	
	Flowers	Rainfed		Marigold	Kesar	Hybrid				2	28	22	50	
	Ornamental													
	Fruit													
	Spices and condiments	Rainfed	Kharif 2013	Turmeric	Sugandha	-	Improved varieties	Improved varieties	0.1	0.1	12	28	40	
	Commercial													
	Medicinal and aromatic													
	Fodder	Rainfed	Rainfed	Oats	kent		Improved varieties	Improved varieties	2	2	6	22	28	
	Plantation													
	Fibre													
	Dairy													
	Poultry													
	Rabbitry													

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	
	Piggery													
	Sheep and goat													
	Duckery													
	Common carps													
	Mussels													
	Ornamental fishes													
	Oyster mushroom	RF	2013	Dhingri	Pleurotus sp.		Mushroom cultivation	Scientific cultivation of mushroom	Bags		10	30	40	
	Button mushroom													
	Vermicompost													
	Sericulture													
	IFS													
	Apiculture													
	Implements													
	Others (specify)													

5.A. 1. Soil fertility status of FLDs plots during 2013-14

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											
	Pulses											
	Cereals											
	Millets											
	Vegetables											
	Flowers											
	Ornamental											
	Fruit											
	Spices and condiments											
	Commercial											
	Medicinal and aromatic											
	Fodder											
	Plantation											

APR 2013-14

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	
	Fibre											
	Dairy											
	Poultry											
	Rabbitry											
	Piggery											
	Sheep and goat											
	Duckery											
	Common carps											
	Mussels											
	Ornamental fishes											
	Oyster mushroom											
	Button mushroom											
	Vermicompost											
	Sericulture											
	IFS											
	Apiculture											
	Implements											
	Others (specify)											

B. Results of Frontline Demonstrations

5.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 Sesamum	Improved varieties	Pb Til 1	-	Rainfed	17	2	6.4	5.1	5.75	3.5	64.28571	15900	57500	41600	3.62	15650	35000	19350	2.24
Toria	Improved varieties	RSPT 1	-	Rainfed	20	1.5	7.5	5.5	6.5	4.8	35.41667	9000	16250	7250	1.81	7500	12000	4500	1.60
Mustard	Improved varieties	RSPR 01	-	Rainfed	36	4	7.5	6	6.75	5	35	8250	20250	12000	2.45	7800	15000	7200	1.92
Pulses			-																

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										
Black Gram	Improved var. of Black Gram	Uttara	-	Rainfed	42	5	7.0	4.0	5.5	4.0	37.50	13700	37100	23400	1:2.70	11800	23100	11300	1:1.95
Lentil	Improved var. of Lentil	L 4147	-	Rainfed	44	3.8	In progress												
Chickpea	Improved var. of Chickpea	GNG 469, C232	-	Rainfed	14	2.0	In progress												
Pigeon Pea	Improved var. of Pigeon Pea	UPAS 120	-	Rainfed	29	7.95	In progress												
Cereals																			
Maize	Scientific maize cultivation	Bio 9621	-	Rainfed	7	0.70	26	16	21	15	46.66	9900	30000	20100	1:3.03	9100	21000	11900	
		Kh-612	-	Rainfed	8	0.80	24	15	19.5	15	30.00	9500	28000	18500	1:2.94	9100	19100	10000	
		Kh-517		Rainfed	3	0.30	27	17	22	15	46.66	9500	32000	22500	1:3.36	9100	22200	13100	
		Pro Agro-4794		Rainfed	9	1.10	26	15	20.5	15	36.66	9700	30000	20300	1:3.09	9100	20000	10900	
		QPM-9		Rainfed	34	3.80	26	16	21	15	46.66	9700	30000	20300	1:3.09	9100	21000	11900	
		Double Deklab		Rainfed	9	1.45	289	18	23	15	53.33	9900	34000	24100	1:3.43	9100	23100	14000	
		VMH-45		Rainfed	8	0.70	25	15	20	15	33.33	9700	29000	19300	1:2.98	9100	19200	10100	
		DMH-4314		Rainfed	6	1.15	26	15	20.5	15	36.66	9500	30000	20500	1:3.15	9100	19300	10200	
Wheat	High yielding variety wheat	PBW-175		Rainfed	50	7.5	In progress												
Paddy	Varietal Evaluation	PHB-71	Hybrid	Rainfed	5	0.40	33	24	28.5	18	58.33	19750	70100	50350	1:3.54	15100	32100	17000	
		Arize-6444	hybrid	Rainfed	3	0.20	32	23	27.5	18	52.77	18450	67100	48650	1:3.63	14200	30800	16600	
		Arize-6129	Hybrid	Rainfed	2	0.20	33	23	28.0	18	55.55	19400	69000	49600	1:3.55	13100	31000	17900	
		Bioseed	Hybrid	Rainfed	2	0.15	34	25	29.5	19	55.26	20900	72800	51900	1:3.48	16800	34000	17200	
Millets																			
Vegetables	High yielding variety	Potato	HYV	rainfed	80	0.20	290	200	245	150	63.33333	45000	30000	245000	150000	200000	120000	5.44	5.00
Flowers	Hybrid varieties	Kesar	Hybrid	Rainfed	50	2	100	60	80	40	100	29000	320000	291000	11.03	20000	160000	140000	8.00
Ornamental																			
Fruit																			
Spices and condiments	Improved varieties	Sugandha		Rainfed	40	0.1	180	130	155	100	55	92000	465000	373000	5.05	62000	300000	238000	4.84

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										
Commercial																			
Medicinal and aromatic																			
Fodder	Improved varieties	Kent	-	Rainfed	28	2	550	450	500	350	42.85714	9200	25000	15800	2.72	7400	17500	10100	2.36
Plantation																			
Fibre																			
Poultry		Vanraja	-		83	1000 birds	220	180	200	100	100.00	300	200	1000	500	700	300	3.33	2.50

* 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.)

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

5.B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demos	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						

5. B.3. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demonstration	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																	
Mussels																	
Ornamental fishes																	
Others (pLspecify)																	

* 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						

5.B.4. Other enterprises

Enterpris e	Name of the technology demonstrate d	Variety / species	No. of Dem o	Units / Area {m ² }	Yield (q/ha)				% Increas e	*Economics of demonstration (Rs./unit) or (Rs./m2)				*Economics of check (Rs./unit) or (Rs./m2)			
					Demo			Chec k if any		Gros s Cost	Gross Retur n	Net Retur n	** BC R	Gros s Cost	Gross Retur n	Net Retur n	** BC R
					H	L	A										
					H	L	A										
Oyster mushroom																	
Button mushroom																	
Vermicompo st																	
Sericulture																	
Apiculture																	
Others (pLspecify)																	

* 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.)

<i>Data on other parameters in relation to technology demonstrated</i>		
<i>Parameter with unit</i>	<i>Demo</i>	<i>Local</i>

5.B.5. Farm implements and machinery

<i>Name of the implement</i>	<i>Cost of the implement in Rs.</i>	<i>Name of the technology demonstrated</i>	<i>No. of Demo</i>	<i>Area covered under demo in ha</i>	<i>Labour requirement in Mandays</i>		<i>% save</i>	<i>Savings in labour (Rs./ha)</i>	<i>*Economics of demonstration (Rs./ha)</i>				<i>*Economics of check (Rs./ha)</i>			
					<i>Demo</i>	<i>Check</i>			<i>Gross cost</i>	<i>Gross Return</i>	<i>Net Return</i>	<i>** BCR</i>	<i>Gross Cost</i>	<i>Gross Return</i>	<i>Net Return</i>	<i>** BCR</i>

* 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 labour saved (viz., reduction in drudgery, time etc.)

<i>Data on other parameters in relation to technology demonstrated</i>		
<i>Parameter with unit</i>	<i>Demo</i>	<i>Local</i>

5.B.6. Extension and Training activities under FLD

<i>Sl.No.</i>	<i>Activity</i>	<i>No. of activities organised</i>	<i>Number of participants</i>	<i>Remarks</i>
1	Field days			
2	Farmers Training			
3	Media coverage			
4	Training for extension functionaries			
5	Others (Please specify)			

PART V
Ia – DEMONSTRATIONS ON CROP HYBRIDS

Demonstration details on crop hybrids

Type of Breed	Name of the technology demonstrated	Name of the hybrid	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										
Cereals																	
Maize																	
Bio 9621	-	Rainfed	7	0.70	26	16	21	15	46.66	9900	30000	20100	1:3.03	9100	21000	11900	
Kh-612	-	Rainfed	8	0.80	24	15	19.5	15	30.00	9500	28000	18500	1:2.94	9100	19100	10000	
Kh-517		Rainfed	3	0.30	27	17	22	15	46.66	9500	32000	22500	1.3.36	9100	22200	13100	
Pro Agro-4794		Rainfed	9	1.10	26	15	20.5	15	36.66	9700	30000	20300	1:3.09	9100	20000	10900	
QPM-9		Rainfed	34	3.80	26	16	21	15	46.66	9700	30000	20300	1:3.09	9100	21000	11900	
Double Deklab		Rainfed	9	1.45	289	18	23	15	53.33	9900	34000	24100	1:3.43	9100	23100	14000	
VMH-45		Rainfed	8	0.70	25	15	20	15	33.33	9700	29000	19300	1:2.98	9100	19200	10100	
DMH-4314		Rainfed	6	1.15	26	15	20.5	15	36.66	9500	30000	20500	1:3.15	9100	19300	10200	
Paddy																	
Sorghum																	
Wheat																	
Others (pl.specify)																	
Total																	
Oilseeds																	
Castor																	
Mustard																	
Safflower																	
Sesame																	
Sunflower																	
Groundnut																	
Soybean																	
Others (pl.specify)																	
Total																	

Type of Breed	Name of the technology demonstrated	Name of the hybrid	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										
Pulses																	
Greengram																	
Blackgram																	
Bengalgram																	
Redgram																	
Others (pl.specify)																	
Total																	
Vegetable crops																	
Tomato																	
Brinjal																	
Chilli																	
Tomato																	
Bottle gourd																	
Capsicum																	
Okra																	
Onion																	
Potato																	
Field bean																	
Others (pl.specify)																	
Total																	
Commercial crops																	
Sugarcane																	
Coconut																	
Others (pl.specify)																	

Type of Breed	Name of the technology demonstrated	Name of the hybrid	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										
Total																	
Fodder crops																	
Maize (Fodder)																	
Sorghum (Fodder)																	
Others (pl.specify)																	
Total																	

H-High, L-Low, A-Average

*Please ensure that the name of the hybrid is correct pertaining to the crop specified

PART VI b – FARMERS FIELD SCHOOLS

Title of the FFS	No. of participants	Name and address of the collaborator farmer	Technology demonstrated	Date of sowing	Date of harvest	Yield in q/ha		% increase over check
						FFS plot	Check plot	

PART VII. TRAINING

7.A.. Training of Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Weed Management										
Resource Conservation Technologies (Water)										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs										
Others (pl.specify)										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl.specify)										
Water management										
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										
Others (pl.specify)										
Dry land Horticulture										
c) Ornamental Plants										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Scaling of water productivity in agriculture										
Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Animal Disease Management										
Feed and Fodder technology										
Production of quality animal products										
Others (pl.specify)										
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										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others (pl.specify)										
Agril. Engineering										
Farm machinery and its maintenance										
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										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl.specify)										
Advanced technologies in plant protection										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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										
Others (pl.specify)										
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										
Mushroom production										
Apiculture										
Others (pl.specify)										
Azolla cultivation										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Farmers Field School										
Youth Empowerment										
Formation of CBAs										
Agro-forestry										
Production technologies										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
Sericulture										
Production technologies										
Rainfed Sericulture										
Disinfection of rearing house										
TOTAL										

7.B Training of Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production	1	13	-	13	-	-	-	13	-	13
Nursery management										
Integrated Crop Management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs and farming										
Others (pl.specify)										
Water saving technologies										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables	1	13	7	20	-	-	-	13	7	20
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	-	22	22	-	3	3	-	25	25
Others (pl.specify)										
Integrated crop management										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
b) Fruits										
Training and Pruning	1	4		4	15	-	15	19	-	19
Layout and Management of Orchards	1	15	-	15	13	-	13	28	-	28
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl.specify)										
c) Ornamental Plants										
Nursery Management	1	8	-	8	4	-	4	12	-	12
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management	4	50	2	52	16	5	21	66	7	73
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others (pl.specify)										
Livestock Production and Management										
Dairy Management										
Poultry Management	1	1		1	10	7	17	11	7	18
Poultry Management	1	8	7	15	2	2	4	10	9	19
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management	1	15	3	18	10	5	15	25	8	33
	1	14	7	21	-	-	-	14	7	21
	1	17	-	17	3	-	3	20	-	20
	1	7	-	7	7	-	7	14	-	14
Feed and Fodder technology	1	2	4	6	3	5	8	5	9	14
Production of quality animal products										
Milk production	1	7	11	18	2	1	3	9	12	21
	1	12	-	12	4	-	4	16	-	16
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	1	14	15		11	11	1	25	26
Design and development of low/minimum cost diet	1	1	8	9	3	9	12	4	17	21
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	3		38	38		27	27	19	98	69
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Others (pl.specify)										
Safe drinking water										
Enterpreneurship and processing										
Agril. Engineering										
Farm machinery and its maintenance										
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										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management										
Integrated Disease Management	1	6	8	14	3	3	6	9	11	20
	1	7	-	7	7	-	7	14	-	14
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Seed treatment	1	15	6	21	-	-	-	15	6	21
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										
Others (pl.specify)										
Production of Inputs at site										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
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										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development	1	4	2	6	10	-	10	14	2	16
	1	17	-	17	2	-	2	19	-	19
Group dynamics										
Formation and Management of SHGs	1	11	-	11	6	-	6	17	-	17
	1	7	8	15	1	9	10	8	17	25
	1	4	4	8	1	4	5	5	8	13
	1	13	-	13	14	-	14	27	-	27
	1	-	13	13	-	2	2	-	15	15
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	12	8	20	15	-	15	27	8	35
	1	7	-	7	13	-	13	20	-	20
	1	5	2	7	22	1	23	27	3	30
	1	6	1	7	7	4	11	13	5	18
	1	25	-	25	3	1	4	28	1	29
Agriculture Information sources	1	8	5	13	4	1	5	12	6	18
Sustainable rural development	1	-	-	-	7	13	20	7	13	20
	1	17	1	18	1	-	1	18	1	19
Agro-forestry										
Production technologies										
Nursery management	2	21	-	21	6	3	9	27	3	30
Integrated Farming Systems	2	32	1	33	2	-	2	34	1	35

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Resource conservation	7	80	20	100	24	5	29	104	25	129
Sericulture										
Mulberry production										
Silkworm rearing										
Others (Pl. specify)										
TOTAL	56	512	213	725	248	133	381	748	344	1106

7.C. Training for Rural Youths including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production	1	13	-	13	8	-	8	21	-	21
Vermi-culture										
Mushroom Production	1	6	7	13	1	3	4	7	10	17
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying	1	11	2	13	14	4	18	25	6	31
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production	1	23	-	23	8	-	8	31	-	31
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	4	53	9	62	31	7	38	84	16	100

7.D. Training for Rural Youths including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition	1	-	14	14	-	12	12	-	26	26
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	1	-	14	14	-	12	12	-	26	26

7.E. Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Scaling up of water productivity in Agriculture										
Nutrition Gardening										
Role of communication for enhancing agricultural production	-	-	-	-	-	-	-	-	-	23
Remote sensing practices in natural resource management	-	-	-	-	-	-	-	-	-	22
Round the year fodder production	-	-	-	-	-	-	-	-	-	23
IDM on rabi crops	-	-	-	-	-	-	-	-	-	18
Role of agroforestry in watershed management practices	-	-	-	-	-	-	-	-	-	12
Total	5									98

7.F. Training programmes for Extension Personnel including sponsored training programmes (off campus): nil

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
Total										

7.G. Sponsored training programmes conducted: nil

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2	Production and value addition										
2.a.	Fruit Plants										
2.b.	Ornamental plants										
2.c.	Spices crops										
3.	Soil health and fertility management										
4	Production of Inputs at site										
5	Methods of protective cultivation										
6	Others (pl.specify)										
7	Post harvest technology and value addition										
7.a.	Processing and value addition										
7.b.	Others (pl.specify)										
8	Farm machinery										
8.a.	Farm machinery, tools and implements										
8.b.	Others (pl.specify)										
9.	Livestock and fisheries										
10	Livestock production and management										
10.a.	Animal Nutrition Management										
10.b.	Animal Disease Management										
10.c.	Fisheries Nutrition										

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
10.d	Fisheries Management										
10.e.	Others (pl.specify)										
11.	Home Science										
11.a.	Household nutritional security										
11.b.	Economic empowerment of women										
11.c.	Drudgery reduction of women										
11.d.	Others (pl.specify)										
12	Agricultural Extension										
12.a.	Capacity Building and Group Dynamics										
12.b.	Scaling up of water productivity in Agriculture (to farmers and extension personnel)										
	Total										

Details of sponsoring agencies involved

7.H. Details of Vocational Training Programmes carried out by KVKs for rural youth

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
1.a.	Commercial floriculture										
1.b.	Commercial fruit production										
1.c.	Commercial vegetable production										
1.d.	Integrated crop management										
1.e.	Organic farming										
1.f.	Others (pl.specify)										
2	Post harvest technology and value addition										
2.a.	Value addition										
2.b.	Others (pl.specify)										
3.	Livestock and fisheries										
3.a.	Dairy farming										
3.b.	Composite fish culture										
3.c.	Sheep and goat rearing										
3.d.	Piggery										
3.e.	Poultry farming										
3.f.	Others (pl.specify)										
4.	Income generation activities										
4.a.	Vermi-composting										
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.										
4.c.	Repair and maintenance of farm machinery and implements										
4.d.	Rural Crafts										
4.e.	Seed production										
4.f.	Sericulture										
4.g.	Mushroom cultivation										
4.h.	Nursery, grafting etc.										
4.i.	Tailoring, stitching, embroidery, dying etc.										
4.j.	Agril. para-workers, para-vet training										
4.k.	Others (pl.specify)										
5	Agricultural Extension										
5.a.	Capacity building and group dynamics										
5.b.	Others (pl.specify)										
	Grand Total										

PART VIII – EXTENSION ACTIVITIES**8.A Extension Programmes (including extension activities undertaken in FLD programmes)**

<i>Nature of Extension Programme</i>	<i>No. of Programmes</i>	<i>No. of Participants (General)</i>			<i>No. of Participants SC / ST</i>			<i>No. of extension personnel</i>			<i>Grand Total</i>
		<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	
Field Day	9	149	66	215	109	44	153				368
Kisan Mela											
Kisan Ghosthi	3	48	4	52	36	-	36				88
Exhibition	2										400
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop	6										80
Group meetings											
Lectures delivered as resource persons	8										8
Newspaper coverage	10										10
Radio talks											
TV talks											
Popular articles	35										35
Extension Literature	1										1
Advisory Services											
Scientific visit to farmers field											86
Farmers visit to KVK											600
Diagnostic visits											25
Exposure visits											1
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	1	-	-	-	10	2	12				12
Agri mobile clinic	1	4	2	6	13	1	14				20
Soil test campaigns											
Farm Science Club Conveners meet	2										20
Self Help Group Conveners meetings	4										60
Mahila Mandals Conveners meetings											
Celebration of important days											
World animal day	1	6	-	6	11	-	11				17
Parthenium day	2	-	-	-	-	-	-				170
International labour Day	1	2	-	2	6	7	13				15
Women in Agriculture day											
Kissan day											
Total	4										202

8. 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

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

<i>Crop category</i>	<i>Name of the crop</i>	<i>Variety</i>	<i>Hybrid</i>	<i>Quantity of seed (qtl)</i>	<i>Value (Rs)</i>	<i>Number of farmers to whom provided</i>
Cereals (crop wise)	Black gram	Uttara		0.70	-	
Oilseeds	Til	Punjab Til-1		0.20	-	-
	Mustard	RSPR-01		0.45		
Pulses	Pigeon pea	UPAS-120		1.50	-	32
Commercial crops						
Vegetables	Potato	Kufri Sinduri		0.70	700	-
		Kufri Badshah		0.20	200	-
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total						

9.B. Production of planting materials by the KVKs : Nil

<i>Crop category</i>	<i>Name of the crop</i>	<i>Variety</i>	<i>Hybrid</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Commercial						
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others(specify)						
Total						

9.C. Production of Bio-Products: Nil

<i>Bio Products</i>	<i>Name of the bio-product</i>	<i>Quantity Kg</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Micro nutrient mixture				
Total				

9.D. Production of livestock materials: Nil

<i>Particulars of Live stock</i>	<i>Name of the breed</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Fingerlings				
Others (Pl. specify)				
Total				

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

10. A. 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

<i>Item</i>	<i>Title</i>	<i>Authors name</i>	<i>Number of copies</i>
Research papers			
1.	Agri Silvi Horticultural Sytem for sustainable rural development. In: Nat.Symp. on Innovative and Modern Technologies for Sustainable Agriculture & Rural Development. October,19-20,2013 organised by Society of Biological Sciences & Rural Development, Allahabad, U.P. pp 15	Lalit Upadhay, Asha, Upadhayay, Shahid Ahamad and Mandeep singh (2013).	
2.	Die back disease of chili in intermediate zone of Jammu region, In: National Symposium on Changing Diseases Scenario and Management Approaches for sustainability in Agriculture. October,26-27,2013 organised by Indian Society of Plant Pathologists at SKUAST-K.Srinagar,J.K.	Shahid Ahamad , Banarsi Lal, Lalit Upadhyay and Amrish Vaid* (2013).	
3.	Incidence of stalk rot of maize in intermediate zone of Jammu region.In:National Symposium on Changing Diseases Scenario and Management Approaches for sustainability in Agriculture. October,26-27,2013 organised by Indian Society of Plant Pathologists at SKUAST-K.Srinagar,J.K.	Shahid Ahamad , Banarsi Lal, Lalit Upadhyay and Amrish Vaid* (2013).	
4.	Seed discoloration in rice grains in the intermediate zone of Jammu region.In: National Symposium on Changing Diseases Scenario and Management Approaches for sustainability in Agriculture. October,26-27,2013 organised by Indian Society of Plant Pathologists at SKUAST-K.Srinagar,J.K.	Shahid Ahamad and Amrish Vaid* (2013).	
	Association between selected independent variables and communication behaviour of farmers towards. Journal of Communication Studies (Pub.)	Banarsi Lal and Dipak De	
	Impact of entertainment farm education programmes of television. Journal of Communication Studies (pub.)	Banarsi Lal and Dipak De	
Technical reports			
Technical bulletins			
Popular articles			
1.	Self-Help Groups for Rural Development. Published in State Times (Esteemed Newspaper of J&K)	.Dr. Banarsi Lal and Dr.Shahid Ahamad (2013).	
2.	Higher Education –Still a Dream in India. Daily Excelsior(Leading Newspaper of	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	

<i>Item</i>	<i>Title</i>	<i>Authors name</i>	<i>Number of copies</i>
	J&K		
3.	Problems and Solutions of Unemployment. State Times (Esteemed Newspaper of J&K)	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	
4.	Participatory Rural Communication. State Times(Esteemed Newspaper of J&K)	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	
5.	Role of NGOs in rural development. State Times (Esteemed Newspaper of J&K)	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	
6.	Issues of food security. State Times(Esteemed Newspaper of J&K)	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	
7.	Floriculture for rural development. Daily Excelsior(Leading Newspaper of J&K)	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	
8.	Essence of the Indian Republic. . State Times(Esteemed Newspaper of J&K)Published on 26.Jan,2014.	Dr. Banarsi Lal and Dr. Shahid Ahamad (2014).	
9.	Age of Internet. State Times (Esteemed Newspaper of J&K) Published in Editorial on 31.Jan,2014	Dr. Banarsi Lal and Dr. Shahid Ahamad (2014).	
10	Promotion of Group Entrepreneurship in Rural Development. Daily Excelsior(Leading Newspaper of J&K)	Dr. Banarsi Lal and Dr. Shahid Ahamad (2013).	
11.	Need of assessment and refinement of agricultural technologies	Dr. Banarsi Lal (2013).	
12.	Promoting rural tourism. Daily Excelsior.	Dr. Banarsi Lal (2013).	
13.	Cricket fever in India.	Dr. Banarsi Lal (2013).	
14.	TV-Emerging medium of communication. Daily Excelsior	Dr. Banarsi Lal(2013).	
15.	Quality education for right job	Dr. Banarsi Lal(2013).	
16.	KVKs-Harbingers of rural change. . Daily Excelsior	Dr. Banarsi Lal(2013).	
17.	Agricultural Extension for Rural Development. Daily Excelsior	Dr. Banarsi Lal & S.Ahamad (2013).	
18.	Technology dissemination in rural areas	Dr. Banarsi Lal(2013).	
19.	Self Help group for women empowerment. Indian Farmers Digest	Dr. Banarsi Lal & Vikas Tandon (2013).	
Training Manual	-		
Extension literature	Organic Farming: Its modern Concept,Principles, Myths,Economic and World Scenario. In: Hill Agriculture. Edited by Dr.Shahid Ahamad and Published by Daya Publishing House, A Division of Astral International Pvt. Ltd., New Delhi-110002. pp 10-16. Major diseases of rice and their Management in Hills. In: Hill Agriculture. Edited by Dr.Shahid Ahamad and Published by Daya Publishing House, A Division of Astral International Pvt. Ltd., New Delhi-110002. pp 379-416.	A.K.Sharma, R.D.Gupta, Rajeev Bharat and Shahid Ahamad (2013), Shahid Ahamad and Upma Dutta (2013).	1

<i>Item</i>	<i>Title</i>	<i>Authors name</i>	<i>Number of copies</i>
	Biotic Stressess in maize and their Integrated management in Hill Ecosystem. In: Hill Agriculture. Edited by Dr.Shahid Ahamad and Published by Daya Publishing House, A Division of Astral International Pvt. Ltd., New Delhi-110002. pp 417-441.	Shahid Ahamad, Naushad Alam and M.H.Chisti(2013).	
	Major diseases of Rapeseed mustard and management in Hill Agriculture. In: Hill Agriculture. Edited by Dr.Shahid Ahamad and Published by Daya Publishing House, A Division of Astral International Pvt. Ltd., New Delhi-110002. pp 442-449.	Shahid Ahamad,Manoj Kumar,S.M.Wasi and Naushad Alam (2013).	
	Damping Off diseases and their management in Hill Agriculture. In: Hill Agriculture. Edited by Dr.Shahid Ahamad and Published by Daya Publishing House, A Division of Astral International Pvt. Ltd., New Delhi-110002. pp 417-441.	Shahid Ahamad, S.M.Wasi,S.A.Khan,S.P.Gupta and Manoj Kumar (2013).	
	Hill Agriculture. Published by Astral Publishing House ,New Delhi. pp 550.	Shahid Ahamad (2013).	
	Terminology on Plant Pathology Published by Jaya Publishing House, Delhi-110006 pp. 159.	Shahid Ahamad and Ali Anwar (2014).	
Folders /leaflets			
TOTAL			

10.B. Details of Electronic Media Produced: Nil

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

10.C. Success Stories / Case studies, if any (two or three pages write-up on each case with suitable action photographs. The Success Stories / Case Studies need not be restricted to the reporting period).

The success stories/case studies with good action photographs (with captions) should be on the following topics

1. Success Story of Prasad making (food processing) SHG: Serwad is a village which is around 5km away from the famous religious place Katra in hilly district Reasi of Jammu and Kashmir. In 2007, baseline survey of village Serwad was done by the KVK experts and it was found that some women of the village were interested in Self Help Group formation. Krishi Vigyan Kendra, Reasi scientists approached to the women and motivated them for the formation of Self Help Group. The KVK scientists frequently visited the village and trained the women of the village for the formation and management of SHG. The group constituted of 10 women. The group President, Secretary and treasurer were selected and the group members were advised for the saving of money for at least six months. In the beginning the group faced lot of problems. In the beginning the women members faced lot of problems and the family members of the women were not fully supporting them. The name of group was kept as Vaishnavi Mahilla Dhal. The group decided to prepare the Parshad (food processing).The group started their proper book keeping records. The group started fortnightly meetings. The credibility of the women on each other was increasing and everything regarding accounts was transparent. After six months they were advised for the interloaning at the rate of 2%.The group was technically guided by the KVK experts to prepare the Parshad which is a mixture of sugar, rice flour, maize flour, desi ghee, cashew and almonds. For preparation of 1Kg of Parshad (processed food) Rs.80 rupees are needed. In return, 1Kg of Prashad (processed food) is sold for Rs.100.Presently every woman member is earning by working in the SHGs and now they are respected by their family members for their joint efforts.

Name of the **KVK ,Reasi, SKUAST-Jammu**

Name and address of the Self Help Group :**Vaishni mahila Dhal**, Sherwad, Teh. & Distt.: Reasi (J.&K.)

(A)

S.No.	Name of the SHG	Year of Start of the group (A)	No. of Members		Enterprises taken		Saving		Credit provided by the lending agency	
			(A)	2013-14	(A)	2013-14	(A)	2013-14	(A)	2013-14
1	Vaishnodevi mahila group	2007		10		Prasad making		3312000		

(B)

S. No.	Enterprises taken	*Operational Expenditure (Rs.)		Total Output (Rs.)		Net profit during (Rs.)	
1		(A)	(2013-14)	(A)	(2013-14)	(A)	(2013-14)
2	Prasad making		288000		360000		3312000



Success story of the Self Help Group

Name of the KVK: **Reasi, SKUAST-Jammu**

Name and address of the Self Help Group – **Nisha Group**

(C) Name of the contributor's in the success story. **KVK Reasi, SKUAST-Jammu**

2. Success story of Dairy farming SHG: Malad village is around 20 km away from the hilly district Reasi of Jammu and Kashmir. In 2007, baseline survey of this was done by the KVK experts and it was found that some women of the village were interested in Self Help Group formation. Krishi Vigyan Kendra, Reasi Scientists approached to the women and motivated them for the formation of Self Help Group. The KVK scientists frequently visited the village and trained the women of the village for the formation and management of SHG. The group was constituted by 10 women farmers. The group President, Secretary and Treasurer were selected and they were advised for the saving of money for at least six months. In the beginning the group faced lot of problems. The family members of the females were not fully supporting. The name of group was kept Nisha group. The group decided for the dairy farming as an enterprise. The group started their proper book keeping records. The group started fortnightly meetings. The credibility of the females on each other was increasing and everything regarding accounts was transparent. After six months they were advised for the interloaning at the rate of 2%. The group continued its saving. After one year the group was linked with the State Bank of India. The group took five lakh Rupees from the bank and purchase 20 buffaloes for the dairy farming. The group initiated milk processing and prepare the Khoa from the milk produced per day and stated to sell it at nearby markets. There is lot of demand of Khoa in the local market for Barfi making. Per day group was producing 10kg of Khoa costing around 4500 Rs. By this entrepreneurship the women generated the income which developed the confidence and reconnection in the nearby areas.

(A)

S.No.	Name of the SHG	Year of Start of the group (A)	No. of Members		Enterprises taken		Saving		Credit provided by the lending agency	
			(A)	2013-14	(A)	2013-14	(A)	2013-14	(A)	2013-14
1	Nisha	2007		10		Dairy farming		1,80,000		SBI

(B)

S. No.	Enterprises taken	*Operational Expenditure (Rs.)	Total Output (Rs.)		Net profit during (Rs.)	
1		(A)	(2013-14)	(A)	(2013-14)	(A)
2	Dairy farming		5,40,000		3,60,000	1,80,000



10.D. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year.

We contact to the progressive farmers', Panches and Sarpanches to further transfer of technology. Meanwhile in VIth SAC-2014, we took the opinion of different district head for further dissemination of technology.

10.E. 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
1	Vegetables	Use of ash to control red pumpkin beetle in cucurbits	
2	-do-	Use of ash to supply nutrients in cucurbits and vegetable crops to increase the yield	
3	Maize	Control of weeds in maize crop by ploughing in between the plants of maize crop	
4	Cucurbits	Sorghum and cucurbits are sown together to control the insects-pests	
5	Cereals	Leaves of trees are used to increase the fertility in maize and wheat crop	
6	Wheat	Leaves of Neem plant, Bana(Vytus nigundu) and Eucalyptus sp. plant are used to store the wheat grains and protect from stored grain pests	
7	Cereals	Use of kerosene oil to protect the field crops from termite attack	
8	Wheat	Protection of wheat crop from rabbits attack by using the white cloths and polythene sheets on sticks	
9	Maize	Mixed cultivation of maize and cowpea to protect the maize crop from boars	
10	Vegetables	Staking of cucurbits, peas and tomato to increase the yield and also to get the good quality of crop	
11	Maize	Use of cow urine mix with the cow dung to control the insect-pests in maize crop	
12	Animals	Use of saunf, gur and mustard oil after boiling it and then filtering it to control bloating in animals	
13	livestock	Bleeding from certain parts of animals to control the bloating in animals	
14	Livestock	Mixture of cotton and ghee to control the diarrhoea in animals	
15	Livestock	Use of Methi and gur mixture to control the diarrhoea in animals in winters	
16	Livestock	Gur and saunf mixture to control the diarrhoea in animals in winters	
17	Livestock	17. Use of mixture of mustard oil and lassi to control the Diarrhoea in animals in summers	
18	Livestock	Hooka (tobacco) water is used to save the animal if bitten by snake or any other poisonous organism	
19	Livestock	Use of kerosene oil to control the ticks and mites in animals	
20	Livestock	Use of Dhaman plant leaves to increase the yield of milk in animals	
21	Livestock	Use of mixture of salt, mustard oil and turmeric to control the foot and mouth disease in animals	
22	Livestock	Black ink and ghee or oil to protect the animals from wounds infection	
23	Fruits	Use of ripening of mango by using the wheat straw	
24	Livestock	Use of protein rich concentrate (mixture of wheat brawn, cotton cakes, mustard cakes, salt and chickpea bran) to increase the milk yield in animals	
25	Cereals	Protect wheat crop from rabbits attack by sowing lentil in fields	

10.F. Indicate the specific training need analysis tools/methodology followed for

-Identification of courses for farmers/farm women- we do the base line survey of the villages where we have to introduce the technology . Through base line survey we assess the felt and unfelt need of the villagers. We consult with the village head and progressive farmers. We also consider the opinion of disstt. Head and progressive farmers of SAC meeting for deciding the training courses.

-Rural Youth- We consider the interest of the rural youth in particular location. Also we consider the availability of markets of the particular products which they can produce after getting vocational trainings. While consider the vocational trainings of the rural youth, we take the local available materials for the training purpose.

-In-service personnel- We provide the abreast knowledge of different agricultural activity according to the needs of the district.

10.G. Field activities

- i. Number of villages adopted - 03
- ii. No. of farm families selected - 60
- iii. No. of survey/PRA conducted - 10

10.H. Activities of Soil and Water Testing Laboratory: Nil

Status of establishment of Lab :

- 1. Year of establishment :
- 2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost(Rs.)
Total			

Details of samples analyzed so far since establishment of SWTL: Nil

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples				
Water Samples				
Plant samples				
Manure samples				
Others (specify)				
Total				

Details of samples analyzed during the 2013-14:Nil

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples				
Water Samples				
Plant samples				
Manure samples				
Others (specify)				
Total				

10.I. Technology Week celebration during 2013-14

Period of observing Technology Week: From March,17 to March,21,2014

Total number of farmers visited : 200

Total number of agencies involved : 3

Number of demonstrations visited by the farmers within KVK campus: 6

Other Details

<i>Types of Activities</i>	<i>No. of Activities</i>	<i>Number of Farmers</i>	<i>Related crop/livestock technology</i>
Gosthies	3	88	
Lectures organized	2	90	
Exhibition	3	450	
Film show	5	150	
Fair	3	300	
Farm Visit	30	500	
Diagnostic Practicals	6	8	
Supply of Literature (No.)	100	100	
Supply of Seed (q)	6.5	440	
Supply of Planting materials (No.)	-	-	
Bio Product supply (Kg)	-	-	
Bio Fertilizers (q)	-	-	
Supply of fingerlings	-	-	
Supply of Livestock specimen (No.)	750	75	
Total number of farmers visited the technology week	1	200	

10. J. Interventions on drought mitigation (if the KVK included in this special programme):Nil**A. Introduction of alternate crops/varieties**

<i>State</i>	<i>Crops/cultivars</i>	<i>Area (ha)</i>	<i>Number of beneficiaries</i>

B. Major area coverage under alternate crops/varieties: Nil

<i>Crops</i>	<i>Area (ha)</i>	<i>Number of beneficiaries</i>
Total		

C. Farmers-scientists interaction on livestock management :Nil

<i>State</i>	<i>Livestock components</i>	<i>Number of interactions</i>	<i>No.of participants</i>
Total			

D. Animal health camps organized

<i>State</i>	<i>Number of camps</i>	<i>No.of animals</i>	<i>No.of farmers</i>
J.&K.	01	12	12
Total	01	12	12

E. Seed distribution in drought hit states: Nil

<i>State</i>	<i>Crops</i>	<i>Quantity (qtl)</i>	<i>Coverage of area (ha)</i>	<i>Number of farmers</i>
Total				

F. Large scale adoption of resource conservation technologies

State	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers

G. Awareness campaign

State	Meetings/Trainings		Gosthies/Gramsabha		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
J&K	56	1106	3	88	9	368	2	500	2	500	10	100

PART XI. IMPACT**11.A. 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./acre)	After (Rs./acre)
Hybrid Maize seeds	150	85		
Promotion of Improved varieties of pulses	120	65		
Introduction of improved varieties of oilseeds	85	30		
Use of improved/hybrid varieties of vegetables	50	40		
Use of seed treatment in wheat crop	120	70		
Use of weedicides in maize crops	80	55		
Control of Insect-Pests and diseases management in vegetables	100	25		
Promotion of dhingri	30	25		
Disease and health management in animals	50	25		

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

11.B. Cases of large scale adoption**Single cross maize hybrids:**

The farmers of hilly district Reasi were sowing the local seed so of maize.KVK through awareness camps ,Trainings, campaign, diagnostic visit, FLDs and OFTs created interest among the farmers 'for sowing the single cross hybrid of maize.KVK Scientist demonstrated single cross maize hybrid at farmers field and showed excellent yield result of maize. Moreover, the farmers were not using the weedicide in maize but KVK strenuous effort motivated the farmers for weedicide in maize .Now more than 80% farmers are showing the single cross maize hybrids and manny farmers are using the weedicide in maize.

Seed treatment in Wheat: The farmers of hilly district Reasi were unaware about the seed treatment in wheat . KVK Scientist conducted campaign, awareness, Trainings, diagnostic field visit etc for seed treatment in wheat as the district is infested with the loose smut of wheat and other seed borne diseases. Though demonstration, it was shown the excellent result of seed treatment fungicides viz. vitavax @ 0.2% per kg seed. Now many farmers have adopted this technology.

Floriculture as an entrepreneurship: As the district is bestowed with religious places like Vaishno Devi and Shiv Khodi, there is lot of scope of floriculture in the district. Keeping the scope of floriculture in the district

11.C. Details of impact analysis of KVK activities carried out during the reporting period

The villages where the KVK activities have been done are selected.For impact analysis proper schedule is made and the farmers response is taken on the schedule. The proper tabulation, classification and data analysis is done.

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
1.Department of Agriculture	Trainings/FLDs/OFTs/Kissan Melas /ATMA/ RKVY etc.
2.Department of Horticulture	Trainings/FLDs/OFTs/ Kissan Melas/ ATMA/RKVY etc.
3.Department of Animal Husbandry	Vet. Camps/backyard poultry
4.Department of Fisheries	Participation in meetings/technology week/ATMA/RKVY etc.
5.Department of forests	Participation in SAC meetings/supply of planting material
6.NABARD	Formation of farmers clubs/SAC meeting
7.District cooperative societies	Participation in meetings/Supply of inputs
8.SKUAST-Jammu	Collaborative programmes/supply of important inputs etc.
9.Marketing development board	Participation in meetings
10.Lead banks	Participation in meetings
11.Rural self-employment training institute	Trainings to the farmers
12.Department of floriculture	Camps/supply of planting materials

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

12.B. List special programmes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
ATMA	March 2014	Department of agriculture	
Floriculture	25/11/.2013	Department of floriculture	
Mega seed production	Jan.2014	Chatha-Jammu	
Nehru Yuva Kendra	Feb.2014	NYK-Udhampur	

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district : Yes

If yes, role of KVK in preparation of SREP of the district: KVK coordinated in preparation of SREP by conducting base-line survey of the villages/in selection of villages/selection of Agro-ecological zones/preparation of action plans etc.

Sl. No.	Programme	Nature of linkage	Remarks
1	ATMA	Membership BTT/Trainings to the farmers/Kissan Melas etc.	Provided technical support
2.	RKVY	Trainings organized by allied departments	Provided technical support

Coordination activities between KVK and ATMA during 2013-14

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	1	1	1	
04	Demonstrations				
05	Extension Programmes				
	Kisan Mela	1	1	1	
	Technology Week				
	Exposure visit				
	Exhibition	1	1	1	
	Soil health camps				
	Animal Health Campaigns				
	FFS				
06	Publications				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others News coverage				
07	Other Activities				

12.D. Give details of programmes implemented under National Horticultural Mission

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

12.E. Nature of linkage with National Fisheries Development Board

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

12.F. Details of linkage with RKVY

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

12. G Kisan Mobile Advisory Services

<i>Month</i>	<i>No. of SMS sent</i>	<i>No. of farmers to which SMS was sent</i>	<i>No. of feedback / query on SMS sent</i>
April 2013			
May			
June			
July			
August			
September			
October			
November			
December			
January 2014			
February			
March			

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

13.A. Performance of demonstration units (other than instructional farm)

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

13.B. 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									
Wheat	Nov.2012	May 2013	3	PBW-175	Seeds	50qt	40,000 0	9500 0	
Maize	May 2013	Sept 2013	2	Double Declob, Bioseed	Grains	30.07 qt	20,000	42,398	
Pulses									
Mash	June 2013	Oct	0.7	Uttara	Seed	0.70	3000	8000	
Arhar	May	Feb	0.25	UPAS-120	Seed	1.50	4,000	10,500	
Oilseeds									
Til	June	Oct.	0.5	Pb. Til 1	Seed	0.4	2000	2500	
Mustard	Nov.	April	0.5	RSPR-01	Seed	0.45	2500	4500	
Fibers									
Spices & Plantation crops									
Floriculture	Jan.	Inprogress							
Fruits									
Vegetables	Oct.	Feb.	0.025	Kufri Siduri, Kufri Badshah		0.90	500	900	
Others (specify)									

13.C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

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

13.D. Performance of instructional farm (livestock and fisheries production)

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

13.E. Utilization of hostel facilities: Hostel is under construction

Accommodation available (No. of beds) = 20

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2013			
May 2013			
June 2013			
July 2013			
August 2013			
September 2013			
October 2013			
November 2013			
December 2013			
January 2014			
February 2014			
March 2014			

13.F. Database management

S. No	Database target	Database created

13.G. Details on Rain Water Harvesting Structure and micro-irrigation system –

Amount sanction (Rs.)	Expenditure (Rs.)	Details of infrastructure created / micro irrigation system etc.	Activities conducted					Quantity of water harvested in '000 litres	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

<i>Bank account</i>	<i>Name of the bank</i>	<i>Location</i>	<i>Branch code</i>	<i>Account Name</i>	<i>Account Number</i>	<i>MICR Number</i>	<i>IFSC Number</i>
With Host Institute	J&K Bank	Chatha	SB 003	With Host Institute	J&K Bank	Chatha	SB 003
With KVK	J&K Bank	Reasi	SB 18557 (revolving fund)	With KVK	J&K Bank	Reasi	0029040500018557 IFSC- JAKA0REASSI
	J&K Bank	Dera baba	& SB 20341(PC's account)	With KVK	J&K Bank	Dera baba	0707040500000036 JAKA0DERABAB

14.B. Utilization of KVK funds during the year 2013-14 (Rs. in lakh)

<i>Sl. No.</i>	<i>Particulars</i>	<i>Sanctioned</i>	<i>Released</i>	<i>Expenditure</i>	<i>Balance</i>
A. Recurring Contingencies					
1	Pay & Allowances	57.65	57.65	-	-
2	Traveling allowances	0.80	0.80	0.69	0.11
3	Contingencies				
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	3.08	-	2.32	0.70
B	POL, repair of vehicles, tractor and equipments				
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	4.62	4.62	4.62	-
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)				
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	Extension activities	-			
I	Maintenance of buildings	-			
J	Establishment of Soil, Plant & Water Testing Laboratory	-			
K	Farmers Filed School				
L	Library	-			
TOTAL (A)					
B. Non-Recurring Contingencies					
1	Works				
a.	Furniture and Furnishing				
b.	EPBAX				
c.	Administrative building (II & Final installment)				
d.	Farmers (II & Final installment)				
2	Equipments including SWTL & Furniture				
3	Vehicle (Four wheeler/Two wheeler, please specify)				
4	Library (Purchase of assets like books & journals)				
TOTAL (B)		66.15	-	-	-
C. REVOLVING FUND		6.48 lac			
GRAND TOTAL (A+B+C)					

14.C. Status of revolving fund (Rs. in lakh) for the three years**ICAR revolving fund**

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 2011 to March 2012	302082.47	151837	32558	421361.47
April 2012 to March 2013	421361.47	82761	72813	431309.47
April 2013 to March 2014	468156.87	207781.00	27559.00	648378.87

15. Details of HRD activities attended by KVK staff during 2012-13

<i>Name of the staff</i>	<i>Designation</i>	<i>Title of the training programme</i>	<i>Institute where attended</i>	<i>Dates</i>
Dr Shahid Ahamad	PC	Ensuring Livelihood Security through Agroforestry in an Era of Climate Change	SKUAST Jammu	November 13 to December 03, 2013
Lalit Upadhyay	SMS Agroforestry	Role of scientists in natural resources & environment management	IIFM Bhopal	09-13 Dec 2013

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

SUMMARY FOR 2013-14

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>
Integrated Nutrient Management	Wheat	Integrated Nutrient management in wheat	1
Varietal Evaluation			
Integrated Pest Management			
Integrated Crop Management			
Integrated Disease Management	Wheat	Management of loose smut in wheat	1
Small Scale Income Generation Enterprises			
Weed Management			
Resource Conservation Technology			
Farm Machineries			
Integrated Farming System			
Seed / Plant production			
Value addition			
Drudgery Reduction			
Storage Technique			
Agroforestry	Spices	Productivity estimation of Turmeric under bamboo based Agroforestry system.	2
	Wheat	Yield of wheat varieties under mango based Agro forestry System.	2
Total			

Summary of technologies assessed under livestock

<i>Thematic areas</i>	<i>Name of the livestock enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>
Disease Management	Animal	Treatment of Mastitis	1
Evaluation of Breeds	Animal	Urea mineral molasses blocks and mineral mixture supplementation	2
Feed and Fodder management			
Nutrition Management			
Production and Management			
Others (Pl. specify)			
Total			3

Summary of technologies assessed under various enterprises

<i>Thematic areas</i>	<i>Enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>

Summary of technologies assessed under home science

<i>Thematic areas</i>	<i>Enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>

II. TECHNOLOGY REFINEMENT**Summary of technologies refined under various crops-Nil-**

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology refined</i>	<i>No. of trials</i>
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			
Value addition			
Drudgery Reduction			
Storage Technique			
Others (Pl. specify)			
Total			

Summary of technologies assessed under refinement of various livestock

<i>Thematic areas</i>	<i>Name of the livestock enterprise</i>	<i>Name of the technology refined</i>	<i>No. of trials</i>
Disease Management			
Evaluation of Breeds			
Feed and Fodder management			
Nutrition Management			
Production and Management			
Others (Pl. specify)			
Total			

Summary of technologies refined under various enterprises

<i>Thematic areas</i>	<i>Enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>

Summary of technologies refined under home science

<i>Thematic areas</i>	<i>Enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>

III. FRONTLINE DEMONSTRATION

Crops

Crop	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Til	Improved varieties	HYV Pb Til 1		17	2	5.75	3.5	64.28571			15900	57500	41600	3.62	15650	35000	19350	2.24
Toria	Improved varieties	HYV RSPT 1		20	1.5	6.5	4.8	35.41667			9000	16250	7250	1.81	7500	12000	4500	1.60
Mustard	Improved varieties	HYV RSPR 01		36	4	6.75	5	35			8250	20250	12000	2.45	7800	15000	7200	1.92
Black Gram	Improved varieties of Pulses	HYV Uttara		42	5	5.5	4.0	37.50			13700	37100	23400	1:2.70	11800	23100	11300	1:1.95
Lentil	Improved varieties of pulses	HYV L-4147		44	3.8													
Chickpea				14	2													
Pigeon Pea		HYV UPAS-120		29														
Maize	Improved varieties of maize			80	8		15	46.66			9900	30000	20100	1:3.03	9100	21000	11900	
Potato	Improved varieties	HYV Kufri sinduri, Pukhraj, Badshah		80	0.20	245	150	63.33333			45000	30000	245000	150000	200000	120000	5.44	5.00
Marigold		Kesar		50	2	80	40	100			29000	320000	291000	11.03	20000	160000	140000	8.00
vegetables						60	40	50			28000	72000	44000	1:3.33	22000	49000	27000	
Turmeric	Improved varieties	HYV Sugandha		40	0.1	155	100	55			92000	465000	373000	5.05	62000	300000	238000	4.84
Oats		Kent		28	2	500	350	42.85714			9200	25000	15800	2.72	7400	17500	10100	2.36

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																		
Poultry Vanraja				83	1000 birds	200	100	100.00			300	200	1000	500	700	300	3.33	2.50
Poultry																		
Rabbitry																		
Pigerry																		
Sheep and goat																		
Duckery																		
Others (pl.specify)																		
	Total																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Fisheries: -

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																		
Mussels																		
Ornamental fishes																		
Others (pl.specify)																		

	Total				
--	--------------	--	--	--	--

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Mushroom cultivation		50	200	350	250	40			28000	72000	44000	2.57	22000	49000	27000	
Button mushroom																	
Vermicompost																	
Sericulture																	
Apiculture																	
Total																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Women empowerment:

Category	Name of technology	No. of KVKs	No. of demonstrations	Name of observations	Demonstration	Check
Women						
Pregnant women						
Adolescent Girl						
Other women						
Children						
Neonats						
Infants						
Children						

Farm implements and machinery:

Name of the implement	Crop	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit ect.)			
						Demonstration	Check									

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Demonstration details on crop hybrids Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demonstration	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Maize										
Bio 9621		7		21	15	46.66	9900	30000	20100	1:3.03
Kh-612		8		19.5	15	30.00	9500	28000	18500	1:2.94
Kh-517		3		22	15	46.66	9500	32000	22500	1.3.36
Pro Agro-4794		9		20.5	15	36.66	9700	30000	20300	1:3.09
QPM-9		34		21	15	46.66	9700	30000	20300	1:3.09
Double Deklab		9		23	15	53.33	9900	34000	24100	1:3.43
VMH-45		8		20	15	33.33	9700	29000	19300	1:2.98
DMH-4314		6		20.5	15	36.66	9500	30000	20500	1:3.15
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										

Demonstration details on crop hybrids <i>Crop</i>	<i>Name of the Hybrid</i>	<i>No. of farmers</i>	<i>Area (ha)</i>	<i>Yield (kg/ha) / major parameter</i>			<i>Economics (Rs./ha)</i>			
				<i>Demonstration</i>	<i>Local check</i>	<i>% change</i>	<i>Gross Cost</i>	<i>Gross Return</i>	<i>Net Return</i>	<i>BCR</i>
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Others (pl.specify)										
Total										
Cucumber										
Tomato										
Brinjal										
Tomato										
Brinjal										
Chilli										
Tomato										
Tomato										
Brinjal										
Tomato										
Onion										
Potato										
Field bean										
Others (pl.specify)										
Total										
Commercial crops										
Sugarcane										
Coconut										
Others (pl.specify)										
Total										
Fodder crops										
Maize (Fodder)										

Demonstration details on crop hybrids <i>Crop</i>	<i>Name of the Hybrid</i>	<i>No. of farmers</i>	<i>Area (ha)</i>	<i>Yield (kg/ha) / major parameter</i>			<i>Economics (Rs./ha)</i>			
				<i>Demonstration</i>	<i>Local check</i>	<i>% change</i>	<i>Gross Cost</i>	<i>Gross Return</i>	<i>Net Return</i>	<i>BCR</i>
Sorghum (Fodder)										
Others (pl.specify)										
Total										

IV. Training Programme

Training of Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Weed Management										
Resource Conservation Technologies (Water)										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs										
Others (pl.specify)										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl.specify)										
Water management										
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										
Others (pl.specify)										
Dry land Horticulture										
c) Ornamental Plants										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Scaling of water productivity in agriculture										
Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Animal Disease Management										
Feed and Fodder technology										
Production of quality animal products										
Others (pl.specify)										
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										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others (pl.specify)										
Agril. Engineering										
Farm machinery and its maintenance										
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										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl.specify)										
Advanced technologies in plant protection										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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										
Others (pl.specify)										
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										
Mushroom production										
Apiculture										
Others (pl.specify)										
Azolla cultivation										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Farmers Field School										
Youth Empowerment										
Formation of CBAs										
Agro-forestry										
Production technologies										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
Sericulture										
Production technologies										
Rainfed Sericulture										
Disinfection of rearing house										
TOTAL										

Training of Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production	1	13	-	13	-	-	-	13	-	13
Nursery management										
Integrated Crop Management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs and farming										
Others (pl.specify)										
Water saving technologies										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables	1	13	7	20	-	-	-	13	7	20
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	-	22	22	-	3	3	-	25	25
Others (pl.specify)										
Integrated crop management										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
b) Fruits										
Training and Pruning	1	4		4	15	-	15	19	-	19
Layout and Management of Orchards	1	15	-	15	13	-	13	28	-	28
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl.specify)										
c) Ornamental Plants										
Nursery Management	1	8	-	8	4	-	4	12	-	12
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management	4	50	2	52	16	5	21	66	7	73
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others (pl.specify)										
Livestock Production and Management										
Dairy Management										
Poultry Management	1	1		1	10	7	17	11	7	18
Poultry Management	1	8	7	15	2	2	4	10	9	19
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management	1	15	3	18	10	5	15	25	8	33
	1	14	7	21	-	-	-	14	7	21
	1	17	-	17	3	-	3	20	-	20
	1	7	-	7	7	-	7	14	-	14
Feed and Fodder technology	1	2	4	6	3	5	8	5	9	14
Production of quality animal products										
Milk production	1	7	11	18	2	1	3	9	12	21
	1	12	-	12	4	-	4	16	-	16
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	1	14	15		11	11	1	25	26
Design and development of low/minimum cost diet	1	1	8	9	3	9	12	4	17	21
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	3		38	38		27	27	19	98	69
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Others (pl.specify)										
Safe drinking water										
Enterpreneurship and processing										
Agril. Engineering										
Farm machinery and its maintenance										
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										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management										
Integrated Disease Management	1	6	8	14	3	3	6	9	11	20
	1	7	-	7	7	-	7	14	-	14
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Seed treatment	1	15	6	21	-	-	-	15	6	21
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										
Others (pl.specify)										
Production of Inputs at site										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
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										
Mushroom production										
Apiculture										
Capacity Building and Group Dynamics										
Leadership development	1	4	2	6	10	-	10	14	2	16
	1	17	-	17	2	-	2	19	-	19
Group dynamics										
Formation and Management of SHGs	1	11	-	11	6	-	6	17	-	17
	1	7	8	15	1	9	10	8	17	25
	1	4	4	8	1	4	5	5	8	13
	1	13	-	13	14	-	14	27	-	27
	1	-	13	13	-	2	2	-	15	15
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	12	8	20	15	-	15	27	8	35
	1	7	-	7	13	-	13	20	-	20
	1	5	2	7	22	1	23	27	3	30
	1	6	1	7	7	4	11	13	5	18
	1	25	-	25	3	1	4	28	1	29
Agriculture Information sources	1	8	5	13	4	1	5	12	6	18
Sustainable rural development	1	-	-	-	7	13	20	7	13	20
	1	17	1	18	1	-	1	18	1	19
Agro-forestry										
Production technologies										
Nursery management	2	21	-	21	6	3	9	27	3	30
Integrated Farming Systems	2	32	1	33	2	-	2	34	1	35
Resource conservation	7	80	20	100	24	5	29	104	25	129

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Sericulture										
Mulberry production										
Silkworm rearing										
Others (Pl. specify)										
TOTAL	56	512	213	725	248	133	381	748	344	1106

Training for Rural Youths including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production	1	13	-	13	8	-	8	21	-	21
Vermi-culture										
Mushroom Production	1	6	7	13	1	3	4	7	10	17
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying	1	11	2	13	14	4	18	25	6	31
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production	1	23	-	23	8	-	8	31	-	31
Ornamental fisheries										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	4	53	9	62	31	7	38	84	16	100

7.D. Training for Rural Youths including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition	1	-	14	14	-	12	12	-	26	26
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	1	-	14	14	-	12	12	-	26	26

7.E. Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Scaling up of water productivity in Agriculture										
Nutrition Gardening										
Role of communication for enhancing agricultural production	-	-	-	-	-	-	-	-	-	23
Remote sensing practices in natural resource management	-	-	-	-	-	-	-	-	-	22

Round the year fodder production	-	-	-	-	-	-	-	-	-	23
IDM on rabi crops	-	-	-	-	-	-	-	-	-	18
Role of agroforestry in watershed management practices	-	-	-	-	-	-	-	-	-	12
Total	5	-	-	-	-	-	-	-	-	98

V. Extension Programmes

<i>Activities</i>	<i>No. of programmes</i>	<i>No. of farmers</i>	<i>No. of Extension Personnel</i>	<i>Total</i>
Field Day	9	368		368
Kisan Mela				
Kisan Ghosthi	3	88		88
Exhibition				
Film Show				
Method Demonstrations				
Farmers Seminar				
Workshop				
Group meetings				
Lectures delivered as resource persons	8	8		8
Newspaper coverage	6	6		6
Radio talks				
TV talks				
Popular articles				
Extension Literature	1	1		1
Advisory Services				
Scientific visit to farmers field		86		86
Farmers visit to KVK		600		600
Diagnostic visits		15		15
Exposure visits		1		1
Ex-trainees Sammelan				
Soil health Camp				
Animal Health Camp	1	12		12
Agri mobile clinic	1	20		20
Soil test campaigns				
Farm Science Club Conveners meet				
Self Help Group Conveners meetings				
Mahila Mandals Conveners meetings				
Celebration of important days				
		17		17
		170		170
		15		15
Total		202		202

Details of other extension programmes

<i>Particulars</i>	<i>Number</i>
Electronic Media	
Extension Literature	10
News Letter	
News paper coverage	15
Technical Articles	
Technical Bulletins	1
Technical Reports	
Radio Talks	
TV Talks	
Animal health camps (Number of animals treated)	
Others (pl.specify)	
Total	

VI. PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

<i>Crop category</i>	<i>Name of the crop</i>	<i>Name of the variety (if hybrid pl. specify)</i>	<i>Quantity of seed (q)</i>	<i>Value (Rs)</i>	<i>Number of farmers</i>
Cereals	Wheat	PBW 175	45		
Oilseeds	Til	Punjab Til-1	0.20	-	
	Mustard	RSPR-01	0.45		
Pulses	Black gram	Uttara	0.70	-	
	Pigeon pea	UPAS-120	1.50	-	32
Commercial crops					
Vegetables	Potato	Kufri Sinduri	0.70	700	
		Kufri Badshah	0.20	200	
Spices					
Fodder crop seeds					
Fiber crops					
Flower crops					
Forest Species					
Others					
Total					

Production of planting materials by the KVKs

<i>Crop category</i>	<i>Name of the crop</i>	<i>Name of the variety (if hybrid pl. specify)</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers</i>
Commercial					
Vegetable seedlings					
Fruits					
Ornamental plants					
Medicinal and Aromatic					
Plantation					
Spices					
Tuber					
Fodder crop saplings					
Forest Species					
Others					
Total					

Production of Bio-Products

<i>Bio Products</i>	<i>Name of the bio-product</i>	<i>Quantity (Kg)</i>	<i>Value (Rs.)</i>	<i>No. of Farmers</i>
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Micro nutrient mixture				
Total				

Production of livestock and related enterprise materials

<i>Particulars of Live stock</i>	<i>Name of the breed</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>No. of Farmers</i>
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Fingerlings				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2012-13

<i>Samples</i>	<i>No. of Samples</i>	<i>No. of Farmers</i>	<i>No. of Villages</i>	<i>Amount realized (Rs.)</i>
Soil				
Water				
Plant				
Manure				
Others (pl.specify)				
Total				

VIII. SCIENTIFIC ADVISORY COMMITTEE

<i>Number of SACs conducted</i>
01

IX. NEWSLETTER

X. RESEARCH PAPER PUBLISHED

<i>Number of research paper published</i>
07

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

<i>Activities conducted</i>				
<i>No. of Training programmes</i>	<i>No. of Demonstration s</i>	<i>No. of plant materials produced</i>	<i>Visit by farmers (No.)</i>	<i>Visit by officials (No.)</i>

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ANNEXURE-I

Proceedings of 6th SAC meeting held on 18-3-2014 held at D.D.C conference hall Reasi

Following suggestions were made by Chairman of 6th Scientific Advisory Committee meeting.

1. Director Extension instructed to the Programme Coordinator to conduct two SAC meetings in a year at KVK. **(Action:P.C.,KVK, Reasi)**
2. Director extension suggested to fix next SAC in 1st week of June 2014. **(Action:P.C.,KVK, Reasi)**
3. Director Extension suggested to establish a Poly house demonstration unit at KVK farm. **(Action:SMS,Agroforestry,KVK, Reasi)**
4. Director Extension suggested for popularization of single cross hybrids in the districts. **(Action:SMS,Agri.Extension,KVK, Reasi)**
5. Director Extension suggested that KVK will not grow the crops for grains or fodder but only for seed production. **(Action: Farm Manager Reasi)**
6. Chief Horticulture Officer suggested to conduct monthly workshop meetings at district level and further suggested for the better coordination with KVK. **(Action:P.C., KVK, Reasi/CHO,Reasi)**
7. Chief Animal Husbandry Officer,Reasi suggested to establish demo unit on Poultry farming and animal rearing demonstration unit . **(Action:SMS,Animal science,KVK,Reasi)**
8. Director Extension advised that at least one village should be selected from each block. **(Action:P.C.,KVK, Reasi)**
9. Director Extension suggested that after every two months one animal camp should be conducted . **(Action: SMS, Animal science KVK, Reasi)**
10. Director Extension advised that every block should have animal health check health centre. **(Action: Animal Husbandry department)**
11. Director extension directed to not accept any sponsored training programme before June or at the most October. **(Action: P.C., KVK, Reasi)**
12. Director Extension suggested for the base line survey of the villages where the activities are to be initiated. **(Action:SMS,Agri.Extension,KVK,Reasi)**
13. Director Extension also instructed to motivate rural youths for trainings on AI at R.S. Pura, Jammu. **(Action: SMS, Animal science,KVK, Reasi)**
14. Director Extension guided to increase the poultry bird upto 3000 and convey the information to Chief Animal officer. **(Action: SMS, Animal science, KVK, Reasi)**
15. Director Extension suggested to procure the seeds for FLDs well in advance of the season. **(Action: P.C., KVK, Reasi)**
16. Director Extension suggested to conduct training programmes for extension personal of allied departments should also be included. **(Action:P.C., KVK,Reasi)**
17. Director Extension suggested SMSs to conduct 12 farmer trainings, 6 vocational trainings; and 6 In service training per year. **(Action:SMSs,KVK,Reasi)**
18. Director Extension instructed to conduct In service training programme at KVK. **(Actin: P.C.,KVK,Reasi)**

19. Director Extension directed to write technical bulletin on rhizome rot in zinger.
(Action: P.C.,KVK,Reasi)
20. Director Extension suggested to grow Sabzar var. instead of Kent for fodder purpose.
(Action:F.M., KVK,Reasi)
21. Chief Horticulture Officer suggested for Kainth propagation techniques.
(Action:SMS,Horticulture, KVK,Reasi)

The meeting ended with the formal vote of thanks.

-sd-

Member Secretary/Programme Coordinator, KVK,Reasi

ANNEXURE-II

Success story of the Self Help Group

Name of the **KVK ,Reasi, SKUAST-Jammu**

Name and address of the Self Help Group :**Vaishni mahila Dhal**, Sherwad, Teh. & Distt.: Reasi (J.&K.)

(A)

S.No.	Name of the SHG	Year of Start of the group (A)	No. of Members		Enterprises taken		Saving		Credit provided by the lending agency	
			(A)	2013-14	(A)	2013-14	(A)	2013-14	(A)	2013-14
1	Vaishnodevi mahila group	2007		10		Prasad making		1,72,000		

(B)

S. No.	Enterprises taken	*Operational Expenditure (Rs.)		Total Output (Rs.)		Net profit during (Rs.)	
		(A)	(2013-14)	(A)	(2013-14)	(A)	(2013-14)
2	Prasad making		188000		360000		1,72,000

(C) Name of the contributor's in the success story. **KVK Reasi**

Success Story of Prasad making (food processing) SHG:

Serwad is a village which is around 5km away from the famous religious place Katra in hilly district Reasi of Jammu and Kashmir. In 2007, baseline survey of village Serwad was done by the KVK experts and it was found that some women of the village were interested in Self Help Group formation. Krishi Vigyan Kendra, Reasi scientists approached to the women and motivated them for the formation of Self Help Group. The KVK scientists frequently visited the village and trained the women of the village for the formation and management of SHG. The group constituted of 10 women. The group President, Secretary and treasurer were selected and the group members were advised for the saving of money for at least six months. In the beginning the group faced lot of problems. In the beginning the women members faced lot of problems and the family members of the women were not fully supporting them. The name of group was kept as Vaishnavi Mahilla Dhal. The group decided to prepare the Parshad (food processing).The group started their proper book keeping records. The group started fortnightly meetings. The credibility of the women on each other was increasing and everything regarding accounts was transparent. After six months they were advised for the interloaning at the rate of 2%.The group was technically guided by the KVK experts to prepare the Parshad which is a mixture of sugar, rice flour, maize flour, desi ghee, cashew and almonds. For preparation of 1Kg of Parshad (processed food) Rs.80 rupees are needed. In return, 1Kg of Prashad (processed food) is sold for Rs.100.Presently every woman member is earning by working in the SHGs and now they are respected by their family members for their joint efforts.





Success story of the Self Help Group

Name of the **KVK, Reasi, SKUAST-Jammu**

Name and address of the Self Help Group – **Nisha Group**

(A)

S.No.	Name of the SHG	Year of Start of the group (A)	No. of Members		Enterprises taken		Saving		Credit provided by the lending agency	
			(A)	2013-14	(A)	2013-14	(A)	2013-14	(A)	2013-14
1	Nisha	2007		10		Dairy farming		1,80,000		SBI

(B)

S. No.	Enterprises taken	*Operational Expenditure (Rs.)		Total Output (Rs.)		Net profit during (Rs.)	
		(A)	(2013-14)	(A)	(2013-14)	(A)	(2013-14)
2	Dairy farming		3,60,000		5,40,000		1,80,000

(C) Name of the contributor's in the success story. **KVK Reasi, SKUAST-Jammu**

Success story of Dairy farming SHG

Malad village is around 20 km away from the hilly district Reasi of Jammu and Kashmir. In 2007, baseline survey of this was done by the KVK experts and it was found that some women of the village were interested in Self Help Group formation. Krishi Vigyan Kendra, Reasi Scientists approached to the women and motivated them for the formation of Self Help Group. The KVK scientists frequently visited the village and trained the women of the village for the formation and management of SHG. The group was constituted by 10 women farmers. The group President, Secretary and Treasurer were selected and they were advised for the saving of money for at least six months. In the beginning the group faced lot of problems. The family members of the females were not fully supporting. The name of group was kept Nisha group. The group decided for the dairy farming as an enterprise. The group started their proper book keeping records. The group started fortnightly meetings. The credibility of the females on each other was increasing and everything regarding accounts was transparent. After six months they were advised for the interloaning

at the rate of 2%.The group continued its saving. After one year the group was linked with the State Bank of India. The group took five lakh Rupees from the bank and purchases 20 buffaloes for the dairy farming. The group initiated milk processing and prepares the Khoa from the milk produced per day and stated to sell it at nearby markets. There is lot of demand of Khoa in the local market for Barfi making. Per day group was producing 10kg of Khoa costing around 4500 Rs. By this entrepreneurship the women generated the income which developed the confidence and reconisation in the nearby areas.



Annexure-III

Cases of large scale adoption

Single cross maize hybrids:

The farmers of hilly district Reasi were sowing the local seed so of maize.KVK through awareness camps ,Trainings, campaign, diagnostic visit, FLDs and OFTs created interest among the farmers 'for sowing the single cross hybrid of maize.KVK Scientist demonstrated single cross maize hybrid at farmers field and showed excellent yield result of maize. Moreover, the farmers were not using the weedicide in maize but KVK strenuous effort motivated the farmers for weedicide in maize .Now more than 80% farmers are showing the single cross maize hybrids and many farmers are using the weedicide in maize.



Seed treatment in Wheat: The farmers of hilly district Reasi were unaware about the seed treatment in wheat .KVK Scientist conducted campaign, awareness, Trainings, diagnostic field visit etc for seed treatment in wheat as the district is infested with the loose smut of wheat and other seed borne diseases. Though demonstration, it was shown the excellent result of seed treatment fungicides viz. vitavax @ 0.2% per kg seed. Now many farmers have adopted this technology.



Floriculture as an entrepreneurship: As the district is bestowed with religious places like Vaishno Devi and Shiv Khodi, there is lot of scope of floriculture in the district. Keeping the scope of floriculture in the district

