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*		
KrishiVigyanKendraTandwal, Rajouri 185131	Office 01962-264277	FAX 01962-264277	**kvkrajouri@gmail.com**	**www.kvkrajouri.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, J&K180009	0191-2263714	0191-2262073	**vc@skuast.org**	www. skuastjammu.org

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

Name	*Telephone / Contact*		
	Residence	*Mobile*	*Email*
Dr. VikasTandon	-	09419155273	**tandonvikas2@gmail.com**

1.4. Year of sanction:F.No.5 – 10199- AE-II, 13th Nov 2002

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. VikasTandon	PC	M	Horticulture	Ph. D	37400-67000 (9000)	49240	12-07-13	Permanent	Gen
2	SMS	Dr. PunitChoudhary	SMS	M	Agro-Forestry	Ph. D	15600-39100 (7000)	32050	28-05-04		Gen
3	SMS	Dr. Rakesh Sharma	SMS	M	Agri. Extension	Ph. D	15600-39100 (7000)	32050	28-05-04		Gen
4	SMS	Er. A.K. Sinha	SMS	M	AgrilEngineering.	M. Tech	15600-39100 (6000)	25810	25-06-07	Undergoing Ph.D	Gen
5	SMS	Vacant	SMS	-	-	-	-	-	-	-	-
6	SMS	Vacant	SMS	-	-	-	-	-	-	-	-
7	SMS	Vacant	SMS	-	-	-	-	-	-	-	-
8	Programme Assistant (Lab Tech.)/T-4	Pankaj Sharma	P A.	M	Computer	M tech	9300-34800 (4200)	19150	26-12-03		Gen
9	Programme Assistant (Computer)/ T-4	Sh. Amit Mahajan	P A	M	Agronomy	M.Sc	9300-34800 (4200)	15670	12-08-08		Gen
10	Programme Assistant/ Farm Manager	Vacant	-	-	-	-	-	-	-	-	-
11	Assistant	Vacant	-	-	-	-	-	-	-	-	-
12	Jr. Stenographer	Sh. Tariq Hussain	Computer Asstt.	M	-	M. A.	9300-34800 (4200)	15670	16-08-04		Gen
13	Driver (LV)	Sh. Bagh Hussain	Driver	M	-	Primary	9300-34800 (4200)	19160	08-04-04		ST
14	Driver	Sh. Dev Raj	Driver	M	-	Middle	9300-34800 (4200)	23940	01-08-12		SC
15	Supporting staff	Sh. Jagdish Raj	OCC	M	-	Middle	4440-7440 (1650)	9140	06-01-04		Gen
16	Supporting staff	Sh. Abdul Majid	OCC	M	-	Middle	4440-7440 (1300)	8520	08-04-03		ST

1.6. Total land with KVK (in ha) :

S. No.	*Item*	*Area (ha)*
1	Under Buildings	2.00
2.	Under Demonstration Units	0.11
3.	Under cultivation (crops)	4.65
4.	Orchard/Agro-forestry	5.35
5.	Others uncultivable hilly terrain	7.95
	Total	**20.06**

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	03/2011	300	--	01/2008	-	Completed
2.	Farmers Hostel	ICAR	12/2007	305	26.62	08/2005	305	Completed
3.	Staff Quarters (6)	ICAR	12/2007	400	36.88	08/2005	400	Completed
4	Demonstration Units(2)	ICAR (01)Poultry	-	-	-	-	-	Completed
5	Fencing	-	-	-	-	-	-	Incomplete
6	Rain Water harvesting	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-
9	Seed storage shed	ICAR	10/2013					Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Mahindra (Bolero)	2003-04	4,68,458.3	135000	Satisfactory
Motorcycle	2012	46277.00	5800	Satisfactory

C) Equipments& AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Power Sprayer	31-05-2005	23000	Satisfactory
Power tiller	28/03/2006	128663.60	Satisfactory
Disc plough	31-05-2005	17000	Satisfactory
Trolley	31-05-2005	35000	Satisfactory
Multi-crop thresher(Power)	28/03/2006	44000	Satisfactory
Disco plough	31-05-2005	17000	Satisfactory
Electronic Weighing machine	23-02-2012	10000	Satisfactory
Self propelled reaper	23-03-2011	105000	Satisfactory
Zero seed cum fertilizer drill	19-03-2010	38535	Satisfactory
Disc harrow	19-03-2010	31710	Satisfactory
Multicrop thresher	03-06-2011	103215	Satisfactory
Voltage stabilizer	31-05-2005	16400	Satisfactory
Knap sack sprayer	10-03-2012	1500	Satisfactory
Power tiller operated Zero Till Drill	10-05-2012	20000	Satisfactory
Tractor operated Zero Till Drill	31-08-2012	47500	Satisfactory
Photocopier	9-02-2005	66015	Satisfactory
HP computer	9-02-2005	37407	Satisfactory
UPS 1KV (2 no)	25-03-2007	18480	Satisfactory
Sony Handy cam DCR HC42 E	29-03 -2005	33490	Satisfactory
Sony Camera DSLR	31-03-2010	24900	Satisfactory
PA System	28/03/2006	28507	Satisfactory
Fax	28/03/2006	9800	Satisfactory
Fax	31-03-2010	7171	Satisfactory
LCD Projector	31/01/2007	100367	Satisfactory
Computer along with peripheral	9-02-2005	59138	Satisfactory
Computer (2 N0)	23/03/2007	69222.40	Satisfactory
Computer System with TFT(1)	31-03-2010	36857	Satisfactory
Computer system with TFT (2)	30-03-2013	41788	Satisfactory
Printer HP laser 1022 Q	09-07-2007	13520	Satisfactory

Printer HP Laser 1012	09-02-2005	10291	Satisfactory
Kjel Dahl Water distillation Unit	22-02-2006	37695	Satisfactory
Water distillation system	29-03-2006	31667	Satisfactory
Willy grinding mill	22-03-2006	22317	Satisfactory
Hot Plate	08-03-2006	1153	Satisfactory
Venier Caliper	27-03-2006	7734	Satisfactory
P H Meter	31-03-2006	16706	Satisfactory
Precisa analytical Balance	30-03-2006	52594	Satisfactory
Kahn shaking Machine	22-02-2006	29358	Satisfactory
Oven	22-02-2006	13545	Satisfactory
Spectrophotometer	31-03-2006	128800	Satisfactory

1.8. Details SAC meeting* conducted in 2013-14

Sl.No.	Date	Number of Participants	No. of absentees	Salient Recommendations	Action taken
1.	08-01-14	30	-	1. Identification of clusters on block level. 2. Increase trainings on canopy management of fruit crops. 3. Promote animal husbandry demonstrations and develop brooding facility at KVK. 4. Increase demonstrations on medicinal plants. 5. Documentation of traditional farmer practices and to conduct bench mark surveys of identified clusters. 6. Testing of newly released Kashmir varieties of maize and paddy in Rajouri.	KVK has identified four clusters comprising of twelve villages. KVK will collaborate with department of horticulture for promoting training and pruning in temperate areas coming winter. Poultry unit along with brooding facility will be developed at KVK. KVK will lay demonstrations on Ashwagandha, Turmeric, Ginger, Garlic and Onion. KVK will document ITK's and bench mark surveys are in progress. RARS, Rajouri has been requested to test these new varieties at Rajouri.

*** Proceedings along with list of participants attached as Annexure 'A'**

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/Khul)	Paddy-Wheat Paddy-Barseem 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	**Horticulture crops** A: Vegetables like Tomato, Cole crops, cucurbits, Brinjal and chilies. B. Fruit crops like Mango, Citrus, Guava, Litchi, Peach, plum and apricot.
4	Rainfed	Maize-Wheat Paddy-Wheat Mash-Wheat Maize- Mustard **Horticulture crops** A: (Vegetables like Cole crops, Cucurbits, Okra,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 Animal husbandry
5	Enterprises	Dairyfarming, Poultry farming, Seasonal Vegetable cultivation, Floriculture

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

Sl. No	Agro-climatic Zone	Characteristics
1	Sub-tropical	Lies below 800m from mean sea level, extremely hot in summers and cold in winters
2	Intermediate	Between 800-1500m above the mean sea level Mean annual rainfall 960 mm Mean maximum and minimum temperature range is between 35-38^{0}C and 5-10^{0}C
3	Temperate region	Lies above 1500m from the mean sea level experiences snow and definite winters.

Sl. No	Agro ecological situation	Characteristics
1	AES-1 (up to 3000ft)	Rain-fed, moderately plain area with intermediate temperature Agriculture and horticulture land use
2	AES-2 (up to 4000ft)	Riverbed, low rainfall area, high temperature Agriculture, horticulture and silviculture
3	AES-3 (up to 5000ft)	Moderate rainfall, low temperature, temperate tropical transitionarea Rain-fed agriculture based animal husbandry and subtropical horticulture.
4	AES-4 (up to 6000ft)	High rainfall, acidic soil, hailstorm prone areas Rain-fed agriculture, subtropical horticulture and animal husbandry,
5	AES-5 (above 6000ft)	Grassland meadows and other snow based areas. Rain-fed agriculture, horticulture and animal husbandry

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Grey brown podzol soils	Medium to heavy soils suitable for cultivation of crops such as paddy, maize, wheat and oilseeds and horticultural crops particularly stone fruits.	-

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

Sl. No	*Crop*	*Area (ha)*	*Production* *(Metric tons)*	*Productivity* *(kg /ha)*
1	Maize	43300	1518098	35.06
2	Wheat	40000	651790	16.30
3	Paddy	8000	257145	32.14
4	Pulses	1800	-	-
5	Oilseed	1050	-	-
6	Fodder	1100	-	-
7	Vegetables	1060	-	-
8	Fruits (Fresh)	7118	6377	0.9
9	Fruits (Dry)	10871	7800	0.7

2.5. Weather data

Month	*Rainfall (mm) 2013*	*Mean monthly Temperature ^{0} C*		*Mean monthly Relative Humidity (%)*	
		Minimum	*Maximum*	*Morning*	*Evening*
April	30.9	5.2	30.2	10.61	10.98
May	16.4	9.0	40.8	13.8	12.85
June	134.2	15.4	30.0	55.84	40.26
July	176.4	19.1	33.6	87.51	68.00
August	240.9	1`9.4	32.2	87.06	73.90
September	54.0	14.1	33.0	85.30	67.27
October	13.0	9.1	31.7	56.52	46.77
November	55.8	1.5	25.0	82.76	38.93
December	3.4	-0.5	24.6	83.25	47.0
January	25.7	-3.7	22.0	77.22	47.51
February	89.9	-1.2	21.4	86.28	55.41
March	177.9	1.5	26.6	90.29	50.38
Total	**1018.5**	**69.5**	**351.1**	**816.44**	**559.26**
Mean	**84.875**	**5.791667**	**29.25833**	**68.03667**	**46.605**

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

Category	Population	Production	Productivity
Cattle	1.13 lakh	-	-
Crossbred	42,117	18302(thousand metric tons)	4.5 kg
Indigenous	70,775	30249 (thousand metric tons)	1.5kg
Buffalo	1.34 lakh	-	-
Crossbred	-	-	-
Indigenous	1.34 lakh	58690 (thousand metric tons)	3kg
Sheep	4.33 lakh	32.82 lakhs kg (Mutton) 6.89 lakhs kg (Wool)	-
Goats	2.84 lakh		-
Pigs			
Crossbred	20	-	-

Indigenous	84	-	-
Rabbits	-	-	-
Poultry	2.47 Lakh	-	-
Hens		-	-
Desi		-	-
Improved		-	-
Ducks		-	-
Others	56836	-	-
Category	**Area**	**Production**	**Productivity**
Fish	-	106900 (Nos)	-
Marine	-		-
Inland	-		-
Prawn	-		-
Scampi/ Shrimp	-		-

2.7 District profile has been Updated for 2013-14: Yes

2.8 Details of Operational area / Villages

Sl. No	Name of the taluk	Name of the Block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops and enterprises	Major problems identified	Identified thrust areas
1	Rajouri	Darhal	Darhal Chaudrinarh Dodaj	2 years	Maize Wheat Fodder	• Shortage of fodder during winter • Little knowledge about the high yielding fodder cultivars. • Disease management in Paddy • Poor livestock management	• Popularization of high yielding varieties of fodder crops, trees and grasses for round the year availability of green fodder. • IDM in Paddy • Increase production potential of livestock by improved feeding and management practices.

2	Rajouri	Nowshera	Bagnoti Lamberi Rajal Narian Lam	2 years	Maize Wheat Oilseed Pulses Vegetables Spices	• Little knowledge about the high yielding varieties and importance of balanced fertilizer application. • Deterioration of area under spices and medicinal plants • Poor production of pulses • Yellow rust in wheat • Insect attacks on cereals and oilseed.	• Promotion of varieties of cereals, pulses resistant/ tolerant to biotic stress. • Diversification under integrated land use systems. • Spreading the plant protection technologies to the end users. • Introduction of perennial grasses/new forage trees species
3	Rajouri	Doongi	Merimeryla Chityar Doongi	3 Year	Maize Wheat Oilseed Vegetable Floriculture Guava Citrus	• Lack of knowledge of high yielding varieties and balanced fertilizer application • Lack of diversification. • Low productivity of oilseeds • Insect pest and disease management in vegetable. • Lack of know how on floriculture • Low fodder production	• Emphasis on introduction of latest high yielding varieties of vegetables. • Emphasis on adoption of diversified agriculture with stress on enterprises such as vegetable production, floriculture, poultry dairy and mushroom cultivation. • Integrated pest and disease management in vegetables • Popularization of high yielding varieties of fodder crops trees and grasses for round the year availability of green fodder.
4	Rajouri	Manjakote	Makote Panjgrain Tandwal Gambir Manjakote	1 year	Maize Paddy WheatFodder Horticulture	• Low yield of Cereals • Little knowledge about the high yielding varieties and balanced fertilizers usage. • Less diversified agriculture • Insect pest and disease management	• Improvement of existing crop cultivation practices • Promotion of horticulture (Temperate fruits) • IPM in Maize and Paddy. • Introduction of perennial grasses / new forage trees species
5	Kalakote	Kalakote	Baragua Solki Kalakote Panjnara Panjgran Mogla	2 Year	Maize Wheat Pulses Fodder	• Little knowledge about the HYV & balanced fertilizers doses application • High weed infestation • Fodder availability • Insect pest and disease management	• Improvement of existing crop cultivation practices • Introduction of perennial grasses / new forage trees species • Spreading of the crop protection technologies to the end users.

6	Thanamandi	Thanamandi	Saj Samsammet Thanamandi Rajdhani Planger Behrote	1-2 Year	Paddy, Maize oilseed Fodder Fruits	• Little knowledge about the HYV & balanced fertilizers doses application • Old orchards and poor management of horticultural plants	•Promotionof suitable wheat, maize, oilseeds and vegetable varieties with short duration and resistant to diseases. •Integrated pest and disease management in fruit crops. •Canopy management in fruit crops •Promotion of new fruit crops.
7	Rajouri	Rajouri	Muradpur Saranoo Dassal Dhangri Baljaralla	2 Years	Paddy, Maize Oilseed Fodder Fruits Vegetables	• Cultivation of old varieties in cereals • Poor adoption of oilseeds • Negligible area under vegetables • Low diversification	•Promotion of suitable wheat, maize, oilseeds and vegetable varieties. •Promotion of spices, floriculture and mushrooms
8	Rajouri	Sunderbani	BajwalNadian Soit Balshama Bakhar	2 Years	Maize Wheat Oilseeds, Pulses Vegetables	• Less knowledge about the HYVs of vegetables • Problems of insect-pest in vegetable, cereals and oilseed • Yellow rust in wheat • Less diversified agriculture	•Awareness about protected/off-season vegetable cultivation •Integrated pest and disease management. •Identification of suitable wheat varieties •Mushroom cultivation & introduction of Strawberry
9	Rajouri	Budhal	Kewal Budhal Swari Kotddera Rehan Sagote Agi	1 Year	Maize Paddy Temperate Honey Vegetables	• Lack of awareness about improved production technologies • Poor orchard management • Lack of technical knowledge about vegetables • Less diversification • Non availability of fodder	•Improved crop production practices. •Canopy management of fruit crops •Awareness about cultivation of oilseed crops during Rabi season •Awareness about protected/off-season vegetable cultivation •Introduction of mushroom as enterprise •Introduction of perennial grasses/new forage trees species

2.9 Priority thrust areas

Sl. No	Thrust areas
1	Introduction of single cross hybrids, integrated nutrient management, weed management, insect pest management in maize.
2	Promotion of seed replacement and introduction of new varieties, seed treatment, disease and pest management.
3	Promotion of new fodder varieties, increasing area under fodder crops, round the year fodder production.
4	Introduction of new varieties, promotion of insect pest management, use of balanced nutrition. in oilseeds and pulses.
5	Introduction of new varieties/cultivars, disease and pest management, post harvest and canopy management in major fruit crops.
6	Promotion of HYVs, disease and pest management, round the year cultivation, healthy nursery raising of vegetable crops.
7	Increasing production potential of livestock by improved feeding and management practices.
8	Encouraging loose flower cultivation, spice cultivation, medicinal & aromatic plants and mushroom cultivation for diversification.
9	Promoting poultry farming as source of livelihood.
10	Seed production of new varieties for their spread in the district.

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***
06	**06**	**-**	**17**	**83**	**115**	**-**	**321**

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***
43	**47**	**980**	**1088**	**20**	**38**	**1000**	**3926**

Seed Production – Ragi(Qtl.)		Planting materials (Nos.)	
5		6	
Target	***Achievement***	***Target***	***Achievement***
Wheat (5q) **Black Gram (0.5q)**	**3.75q** **1.0q**	-	-

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

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, integrated nutrient management, weed management, insect pest management	Maize	• Lack of knowledge ofSCH and balanced fertilizer application • Lack of insect pest management • Problem of weeds	Management of blister beetle in Maize	Promotion of single cross hybrids	03	-	01	03	5.25	-	-	-	-
2	Promotion of seed replacement and introduction of new varieties, seed treatment, Disease and pest	Wheat	• Late maturity of traditional varieties • lower yields • insect pest and disease problems • problem of weeds • improper nutrient management	Economic appraisal of nutrient management in wheat crop.	Promotion of varieties suited to mid hiils	02	-	01	02	10.40	-	-	-	-

3	management	Paddy	• Lack of new varieties. • Insect pest and disease problems • Problem of weeds • Improper nutrient management	-	Integrated crop management	01	-	01	01	1.65		-	-	-
4	Promotion of new fodder varieties, increasing area under fodder crops, round the year fodder production.	Oats	• Low forage production • Lack of improved varieties	Evaluation of different varieties of oats under intermediate conditions	Promotion of improved varieties of Oats	03	-	01	01	1.37		-	-	-
		Perennial grasses	• Low forage production • Lack of improved varieties	Evaluation of improved fodder grasses under intermediate conditions	-	03	-	01	-		1300 root slips			
5	Introduction of new varieties, promotion of insect pest management, use of balanced nutrition. In oilseeds and pulses.	Oilseed	• Low yield • Insect pest problems • Less area under oilseed	-	Promotion of improved mustard and Gobi sarson under intermediate conditions	02	-	-	02	0.30				
		Pulses	• Low yield • Insect pest problems • Lack of improved varieties		Promotion of improved Black gram under intermediate conditions	01	-	-	01	0.60				

6	Introduction of new varieties, control of disease and pest, post harvest and canopy management in major fruit crops.	Apple Stone fruit Guava Citrus Strawberry	• Old varieties • Poor management • Insect pest problems	Integrated nutrient management in Peach	Demonstration of new strawberry cultivar	04	-	-	03	-	10000 runners			
7	Promotion of HYV, disease and pest management. Round the year cultivation, healthy nursery raising of vegetable crops.	Cucurbits Onion Okra Cole crops Spinach	• Lack of improved varieties • Insect pest problems • Weed management	-	Demonstration of yield potential of new cultivar	01	-	-	03	5 kg				
8	Encouraging loose flower cultivation, spice cultivation, medicinal & aromatic	Turmeric	• Low yield ,Lack of new variety	Introduction &evaluation of Punjab Haldi-1	-	02	-	-	-	100 kg	-	-	-	-
		marigold	• Less area under marigold. • Lack of new variety	-	Demonstration marigold cultivation.	01	02	-	-	1.2 kg	-	-	-	-

	plants and mushroom cultivation for diversification.	Mushroom	• Low adaptability in area • Lack of knowhow • Non availability of Spawn	-	Demonstration of white button mushroom Promotion of Dhingri mushroom	03	02	-	01	60 kg	-	-	-	-
		Medicinal and aromatic plants	• Lack of knowledge • Lack of market	-	-	04	01	01	01	-	-	-	-	-
9	To increase production potential of livestock by improved feeding and management practices.	Dairy animals Sheep and Goats	• Poor management • Fodder scarcity	-	-	02	-	01	03	-	-	-	-	-
10	Promoting poultry farming as source of livelihood.	Backyard poultry	• Lack of new strains • Poor management	-	Demonstration on egg laying capacity of Van raja.	01	--	-	01	-	-	460	-	-

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**
1	Integrated Crop Management and Integrated Pest Management	SKUAST-J	Maize	01	97	04	2 Field days 1 Awareness camp

S.No	*Title of Technology*	*Source of technology*	*Crop/enterprise*	*No.of programmes conducted*			
				OFT	*FLD*	*Training*	*Others (Specify)*
2	Integrated crop and nutrient management	SKUAST-J/ DWR, Karnal	Wheat	01	53	03	1 Field day 1 Awareness camp
3	Integrated crop management	SKUAST-K	Paddy	-	18	02	1field day 1 Diagnostic visit
4	Integrated Crop Management and varietal evaluation	SKUAST-J/ IGFRI	Oats and Fodder grasses	02	08	08	1 KissanGoshti
5	Integrated crop management	SKUAST-J	Mustard/ Gobi Sarson	-	36	02	2 Field day
6	Integrated crop management	PAU/ SKUAST	Black Gram	-	19	01	1 Field Day
7	Integrated Nutrient Management	SKUAST-J/ CITH Srinagar	Apple Peach Strawberry	01	04	03	1 KissanGoshti 1 Fruit show 1 Awareness camp
8	Performance of new varieties	CSKHPKVV Palampur/ SKUAST-J	Onion Spinach Knolkhol	-	-	01	2 Awareness camps 1Seed treatment campaign
9	Performance of new varieties	SKUAST-J/PAU	Turmeric	01	-	01	-
10	Integrated crop management	SKUAST-J	Marigold	-	30	03	-
11	Mushroom Cultivation	SKUAST-J	White button Dhingri	-	60	05	1 Awareness camp
12	Medicinal and aromatic plant cultivation	SKUAST-J/UHF Solan	*Ashwagandha* *Aloevera*	-	-	05	1 Awareness camp
13	Dairy management	SKUAST-J	Dairy	-	-	03	2 Clinical camps
14	Backyard Poultry	SKUAST-J	Poultry	-	46	01	1 Awareness camp

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
1	-	-	01	-	47	11	35	04	59	09	23	02	56	06	31	-
2	01	-	-	-	40	02	11	-	30	-	22	-	34	-	34	-
3	-	-	-	-	13	01	04	-	13	-	13	-	16	-	09	-
4	07	-	02	-	4	-	04	-	72	-	79	-	12	-	27	-
5	-	-	-	-	18	02	15	01	18	-	20	02	56	08	04	-
6	-	-	-	-	15	02	02	-	17	02	02	-	18	03	-	-
7	02	-	-	-	03	-	01	-	34	-	27	-	31	10	46	-
8	-	-	-	-	-	-	-	-	12	03	-	-	12	-	79	07
09	04	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-
10	-	-	-	-	20	-	10	-	72	16	65	03	30	-	30	-
11	-	-	-	-	49	03	08	-	41	03	23	-	32	-	10	-
12	-	-	-	-	-	-	-	-	70	10	43	06	13	04	24	-
13	-	-	-	-	-	-	-	-	40	03	35	01	47	04	29	02
14	-	-	-	-	21	01	20	04	22	04	-	-	21	01	20	04

PART IV - On Farm Trial

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

Thematic areas	*Cereals*	*Oilseeds*	*Pulses*	*Commercial Crops*	*Vegetables*	*Fruits*	*Flower*	*Plantation crops*	*Tuber Crops*	*TOTAL*
Integrated Nutrient Management	01	-	-	-	-	01	-	-	-	02
Varietal Evaluation	-	-	-	02	-	-	-	-	-	02
Integrated Pest Management	01	-	-	-	-	-	-	-		01
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	01	-	-	-	-	-	01
Value addition	-	-	-	-	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Total	**02**	**-**	**-**	**03**	**-**	**-**	**01**	**-**	**-**	**06**

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

Thematic areas	*Cereals*	*Oilseeds*	*Pulses*	*Commercial Crops*	*Vegetables*	*Fruits*	*Flower*	*Plantation crops*	*Tuber Crops*	*TOTAL*
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	-	-	-	-	-	-	-	-	-	-

Thematic areas	*Cereals*	*Oilseeds*	*Pulses*	*Commercial Crops*	*Vegetables*	*Fruits*	*Flower*	*Plantation crops*	*Tuber Crops*	*TOTAL*
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

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

Thematic areas	***Cattle***	***Poultry***	***Piggery***	***Rabbitry***	***Fisheries***	***TOTAL***
Evaluation of Breeds	-	**1**	-	-	-	**1**
Nutrition Management	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-
TOTAL	-	**1**	-	-	-	**1**

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

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

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	***Crop***	***Name of the technology assessed***	***No. of trials***	***Number of farmers***	***Area in ha (Per trail covering all the Technological Options)***
Integrated Nutrient Management	Wheat	T1: Farmers practices (Imbalance application of seed and fertilizer) T2: Recommended application of seed and fertilizer (N-60kg, P_2O_5-30kg, K_2O-20kg, Seed 100 Kg) T3: Recommendations of DWR for NW Himalayan region (N-90kg, P_2O_5-30kg, Seed 120 Kg)	01	01	0.45
	Peach	T1:Farmers practice (only FYM@ 10kg/plant) T2: Recommended (NPK) T3:75% NPK + Vermi-compost @ 10 t/plant	02	02	0.10
Varietal Evaluation	Turmeric	T1: Farmer practice (Own seed). T2: Sugundha T3: PH-1	04	04	0.25
	Oats	T1: Farmers practice (Kent) T2: Palampur-1	04	04	0.40

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trail covering all the Technological Options)*
		T3: Sabjar			
	Grasses	T1: Farmers practice (Natural Grass) T2: Setaria T3: *Napier* hybrid	05	05	0.40
Integrated Pest Management	Maize	T1: Farmers practice (No control measures) T2: Trap Crop T3: Integrated pest management (T2+Hand Picking)	01	01	0.6
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	**06**		**06**	**17**	-

4.B.2. Technologies refined under various crops

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

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

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

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

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

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

4.C1.Results of Technologies Assessed

Results of On Farm Trial – 1

Crop/ enterprise	*Farming situation*	*Problem definition*	*Title of OFT*	*No. of trials*	*Technology Assessed*	*Parameters of assessment*	*Data on the parameter*	*Results of assessment*	*Feedback from the farmer*
1	2	3	4	5	6	7	8	9	10
Maize	Rainfed	Incidence of blister beetle	Management of blister beetle in Maize	01	T1:Farmers practices (No control measures)	Yield	28.0 q /ha		Fully satisfied with the technology assessed but want those varieties that are not preferred by blister beetle.
					T2:Trap Crop		30.7 q /ha	9.8 % Increase in yield over T1	
					T3:Integrated pest management (T2+Hand Picking)		31.2 q /ha	11.6 %Increase in yield over T1	

Contd..

Technology Assessed	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit*	*BC Ratio*
11	12	13	14	15	16
Farmers practices (No control measures)	SKUAST-J	28.0	q/ha	16800	1.80:1
T2:Trap Crop	SKUAST-J	30.7		18900	1.83:1
T3:Integrated pest management (T2+Hand Picking)	SKUAST-J	31.2		19600	1.87:1

4.C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	:Management of blister beetle in Maize
2	Problem Definition	: High incidence of pest.
3	Details of technologies selected for assessment	: T1: Farmers practices (No control measures) T2: Trap Crop T3: Integrated pest management (T2+Hand Picking)
4	Source of technology	: SKUAST-J
5	Production system and thematic area	: Rain-fed cereal based system (Maize-wheat system) and Integrated pest management
6	Performance of the Technology with performance indicators	: The results reveal that, in case of case of integrated pest management there is an increase of 11.6% in yield (T3) as compared to the farmers practice, whereas there is an increase of 9.8 % in total yield (T2) as compared to the farmers practice.
7	Feedback, matrix scoring of various technology parametersdone through farmer's participation / other scoring techniques	:T3:4 T2:3 T1:2
8	Final recommendation for micro level situation	: Production and productivity of maize may be increased by adoption of integrated pest management for effective control of blister beetle under rain-fed conditions of Rajouri District.
9	Constraints identified and feedback for research	: Lack of awareness. Recommendations of varietiesnon preferred by insect pest.
10	Process of farmer's participation and their reaction	: Farmers participated actively and render full support in field preparation and laying out of the trial. At the initial stage of planning the trial, farmers told about the production constraints being faced by them in ushering the maize productivity and give a detailed account of blister beetle and its management in maize crop.

Results of On Farm Trial – 2

Crop/ enterprise	*Farming situation*	*Problem definition*	*Title of OFT*	*No. of trials*	*Technology Assessed*	*Parameters of assessment*	*Data on the parameter*	*Results of assessment*	*Feedback from the farmer*
1	2	3	4	5	6	7	8	9	10
Perennial fodder grasses	Rain-fed	Low fodder/grass production	Evaluation of improved fodder grasses under intermediate conditions	05	T1: Farmers practice (Natural Grass)	Yield and time of availability of herbage	42.0 q/ha	Herbage was available till mid of September	Since the farmers were harvesting green grass from the pastures only, with the availability of perennial grasses, he was able to take multi-cut from the grasses planted on the bunds of the farmer's field.
					T2: Setaria		148.0 q/ha	Herbage was available up toending Oct	
					T3: Napier hybrid		216.0 q/ha	Herbage was available up to 1st week of Nov	

Contd..

Technology Assessed	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit*	*BC Ratio*
11	12	13	14	15	16
Farmers practice (Natural Grass)		42.0 q/ha	q/ha	4200	-
Setaria	SKUAST-J/IGFRI	148.0 q/ha		14800	-
Napier hybrid		216.0 q/ha		21600	-

4.C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	:Evaluation of improved fodder grasses under intermediate conditions.
2	Problem Definition	: Low fodder/grass production
3	Details of technologies selected for assessment	:T1: Farmers practice (Natural Grass) T2: Setaria *T3: Napier* hybrid
4	Source of technology	:IGFRI
5	Production system and thematic area	: Rain-fed cereal based system (Maize-wheat system) and Improved fodder production
6	Performance of the Technology with performance indicators	: Results reveal that, perennial grass (Napier hybrid)was able to yield green herbage up to the 1st week of Nov. However, vegetative growth is reduced to dormant during winter, where as in case of T2: (Setaria) the green grass is available up to ending Oct as growth commences in early spring and continues at low autumn temperatures as compared to control (T1) which is available only till September**.**
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:T3:5 T2:4 T1:2
8	Final recommendation for micro level situation	: Production and productivity of fodder grasses, may be increased by planting of perennial fodder grasses viz., Setaria and Napier on bunds and boundaries and even on locally available grasslands for overcoming the fodder scarcity.
9	Constraints identified and feedback for research	: Lack of improved tillage.
10	Process of farmer's participation and their reaction	: Active

Results of On Farm Trial – 3

Crop/ enterprise	*Farming situation*	*Problem definition*	*Title of OFT*	*No. of trials*	*Technology Assessed*	*Parameters of assessment*	*Data on the parameter*	*Results of assessment*	*Feedback from the farmer*
1	2	3	4	5	6	7	8	9	10
Turmeric	Rain-fed	Low yield, Lack of new variety	Introduction and evaluation of Punjab haldi-1 (Turmeric) in Rajouri	01	T1: Farmer practice (Own seed)	Yield	80q/ha	Lower yield and poor quality	Farmers were convinced with the performance of PH-1 as well as Sugandha
					T2: Sugundha		110q/ha	Good yield and better coloration	
					T3: PH-1		115q/ha	Good yield and better coloration	

Contd..

Technology Assessed	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit(ha)*	*BC Ratio*
11	12	13	14	15	16
T1: Farmer practice (Own seed).	-	80q/ha	q/ha	210000	1.90:1
T2: Sugundha	SKUAST-J	110q/ha		310000	2.38:1
T3: PH-1	PAU	115q/ha		350000	2.54:1

4.C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	**:** Introduction and evaluation of Punjab haldi -1 (Turmeric) in Rajouri
2	Problem Definition	: Low yield and lack of new variety
3	Details of technologies selected for assessment	: T1: Farmer practice (Own seed) T2: Sugundha T3: PH-1
4	Source of technology	: SKUAST-J and PAU
5	Production system and thematic area	: Varietal Evaluation
6	Performance of the Technology with performance indicators	:The introduced cultivar Punjab haldi (PH-1) had better yield (115q/ha) as compared to Sugandha (110q/ha) and farmers own seed yielded only 80q/ha. The size of the rhizome and the colour was much better in the introduced cultivars.
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	: T1: 2 : T2: 4 : T3: 5
8	Final recommendation for micro level situation	: Punjab Haldi 1 is suited to mid hill conditions of J&K.
9	Constraints identified and feedback for research	: Timely availability of seed is of utmost importance.
10	Process of farmer's participation and their reaction	: Active participation and feedback

Results of On Farm Trial – 4

Crop/ enterprise	*Farming situation*	*Problem definition*	*Title of OFT*	*No. of trials*	*Technology Assessed*	*Parameters of assessment*	*Data on the parameter*	*Results of assessment*	*Feedback from the farmer*
1	2	3	4	5	6	7	8	9	10
Wheat	Rainfed	Un-judicious use of fertilizers	Economic appraisal of nutrient management in wheat crop.	01	T1: Farmers practices (Imbalance application of seed and fertilizer)	Yield B:C ratio	17.0 q/ha		Fully satisfied with the technology assessed
					T2: Recommended application of seed and fertilizer (N-60kg, P_2O_5-30kg, K_2O-20kg, Seed 100 Kg)		22.0 q/ha	29.4 % increase in yield over control	
					T3: Recommendations of DWR for NW Himalayan region (N-90kg, P_2O_5-30kg, Seed 120 Kg)		23.0 q/ha	35.3 % increase in yield over control	

Contd..

Technology Assessed	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit*	*BC Ratio*
11	12	13	14	15	16
T1: Farmers practices (Imbalance application of seed and fertilizer)	SKUAST-J/ DWR, Karnal	17.0 q/ha	q/ha	9100	-
T2: Recommended application of seed and fertilizer (N-60kg, P_2O_5-30kg, K_2O-20kg, Seed 100 Kg)		22.0 q/ha		11575	1.56:1
T3: Recommendations of DWR for NW Himalayan region (N-90kg, P_2O_5-30kg, Seed 120 Kg)		23.0 q/ha		12350	1.66:1

4.C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	:Economic appraisal of nutrient management in wheat crop.
2	Problem Definition	: Un-judicious use of fertilizers
3	Details of technologies selected for assessment	: T1: Farmers practices (Imbalance application of seed and fertilizer) T2: Recommended application of seed and fertilizer (N-60kg, P_2O_5-30kg, K_2O-20kg, Seed 100 Kg) T3: Recommendations of DWR for NW Himalayan region (N-90kg, P_2O_5-30kg, Seed 120 Kg)
4	Source of technology	: SKUAST-J/DWR Karnal
5	Production system and thematic area	: Rain-fed cereal based system (Maize-wheat System) and Integrated nutrient management
6	Performance of the Technology with performance indicators	The results revealed that in case of nutrient management there is an increase of 35.30 per cent in yield of T-3 as compared to the T1(farmers practice), whereas there is an increase of 29.40 per cent in the yield of T-2 in compared to T1.
7	Feedback, matrix scoring of various technology parametersdone through farmer's participation / other scoring techniques	:T1:1 : T2:3 : T3: 4
8	Final recommendation for micro level situation	: The productivity of wheat can be increased by adoption of the recommendation of DWR leading to higher income per unit of area.
9	Constraints identified and feedback for research	: Non availability of irrigation water at sowing time and at the critical stages of the crop.
10	Process of farmer's participation and their reaction	: Active participation of the farmers in laying out of the trial. Farmers were highly convinced and satisfied with the results of the crop.

Results of On Farm Trial – 5

Crop/ enterprise	*Farming situation*	*Problem definition*	*Title of OFT*	*No. of trials*	*Technology Assessed*	*Parameters of assessment*	*Data on the parameter*	*Results of assessment*	*Feedback from the farmer*
1	2	3	4	5	6	7	8	9	10
Peach	Rainfed	Low Yield and Poor fruit quality	Integrated nutrient management in Peach	01	T1:Farmers practice Un-recommended NPK	Fruit set Yield Size and weight of fruit	35kg/tree 45 g	Vermicompost has added to colour and keeping quality of Peach fruits besides increasing the yield	Farmers were convinced about the better quality (Size and colour) of Peach fruits with vermicompost
					T2: Recommended (NPK)		60kg/tree 70g		
					T3:75% NPK + Vermicompost @ 10 t/ha		55kg/tree 75 g		

Contd..

Technology Assessed	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit*	*BC Ratio*
11	12	13	14	15	16
T1:Farmers practice Un-recommended NPK		35kg/tree 45 g	Kg/tree	1050	3.20:1
T2: Recommended (NPK)	SKUAST-J	60kg/tree 70g		1800	4.38:1
T3:75% NPK + Vermicompost @ 10 t/ha	SKUAST-J	55kg/tree 75 g		1650	3.88:1

4.C2. Details of On Farm Trial for assessment

1 Title of Technology Assessed :Integrated nutrient management in Peach

2 Problem Definition : Low Yield and Poor fruit quality.

3	Details of technologies selected for assessment	: T1:Farmers practice un-recommended NPK T2: Recommended NPK T3:75% NPK + Vermicompost @ 10 t/ha
4	Source of technology	: SKUAST-J
5	Production system and thematic area	: Rain-fed cereal based system (Maize-wheat System) and Integrated nutrient management
6	Performance of the Technology with performance indicators	:Vermicompost has added to colour and keeping quality of Peach fruits besides increasing the yield
7	Feedback, matrix scoring of various technology parametersdone through farmer's participation / other scoring techniques	: T-1- 3 T-2 -4 T-3- 5
8	Final recommendation for micro level situation	: 75% NPK along with application of 10t/ha vermicompost/hectare has resulted in better size and quality of peach fruits. However, total yield otained was at par with yield obtained with 100% NPK.
9	Constraints identified and feedback for research	: Non availability of vermicompost
10	Process of farmer's participation and their reaction	:Actively participated

Results of On Farm Trial – 6

Crop/ enterprise	*Farming situation*	*Problem definition*	*Title of OFT*	*No. of trials*	*Technology Assessed*	*Parameters of assessment*	*Data on the parameter*	*Results of assessment*	*Feedback from the farmer*
1	2	3	4	5	6	7	8	9	10
Oats	Rainfed	Low fodder yield Lack of improved variety	Evaluation of	01	T1:Farmers practices (Kent)	Yield No of	280 q ha 95-105 days for 1st Cut		Farmers were satisfied

			improved varieties of Oats		T2:Palampur-1	cuts Days to maturity	312.5 q/ha 90-100 days for 1st Cut	11.60% increase in production of fodder as compared to the T-1 with 5- 10 days early maturity time for the first cut	with the varieties
					T3:Sabjar		331.40q/ha 90-95 days for the 1st cut	18.40 % increase in production of fodder as compared to the kent with 5- 10 days early maturity time	

Contd..

Technology Assessed	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit*	*BC Ratio*
11	12	13	14	15	16
T1:Farmers practices (Kent)		280 q ha 95-105 days for 1st Cut	q/ha	-	-
T2:Palampur-1	CSKVV-Palampur	312.5 q/ha 90-100 days for 1st Cut		9500	1.66:1
T3:Sabjar	SKUAST-J	331.40q/ha 90-95 days for the 1st cut		11512	1.76:1

4.C2. Details of On Farm Trial for assessment

1	Title of Technology Assessed	:Evaluation of improved varieties of Oats
2	Problem Definition	: Low fodder yield and lack of improved variety
3	Details of technologies selected for assessment	: T1: Farmers practices (Kent) T2:Palampur-1 T3:Sabjar
4	Source of technology	: SKUAST-J and CSHPKVV Palampur
5	Production system and thematic area	: Rain-fed cereal based system (Maize-wheat System) and Varietal evaluation
6	Performance of the Technology with performance indicators	:Results revealed that there is 11.60% increase in the yield of T-2 (Palampur-1) and 18.40 % increase in production of fodder for T-3 (Sabjar) as compared to the Kent (T-1) with 5- 10 days early maturity time recorded by T2 and T3
7	Feedback, matrix scoring of various technology parametersdone through farmer's participation /other scoring techniques	:T1: 2 T2: 4 T3: 5
8	Final recommendation for micro level situation	:The productivity of fodder can be increased by adoption of Sabjar and Palampur varieties which also matures early as compared to the control.
9	Constraints identified and feedback for research	:Lack of improved oat varieties and low adoption of oat cultivation
10	Process of farmer's participation and their reaction	:Farmers response was participatory and actively responded to the technical guidance provided by the KVK

4.D1. Results of Technologies Refined

Results of On Farm Trial – 1

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

Contd..

Technology Refined	*Source of Technology*	*Production*	*Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)*	*Net Return (Profit) in Rs. / unit*	*BC Ratio*
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*	
1	Oilseeds	RF	Rabi 2013-14	Mustard	Pusa Bold	-	ICM	Improved variety	3.0	3.0	11	10	21	-
2				Gobi Sarsoon	GSL-1 DGS-1		ICM	Improved HYV varieties.	3.0	3.0	05	10	15	-
3	Pulses	RF	Kharif 2013	Urdbean	Pu-114		ICM	Improved variety of mash	3.0	3.0	02	17	19	-
4	Cereals	RF	Kharif 2013	Maize		Pro-agro 4794 Bioseed 9621 Double decalb	ICM	New single cross hybrids,	10.0	23.1	39	58	97	-
5				Paddy	K-343		ICM	Improved varieties of paddy	4.0	4.125	04	14	18	-
6			Rabi 2013-14	Wheat	HS 490 PBW-175		ICM	Improved variety	10.0	10.07	11	42	53	-
7	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Vegetables	Irrigated	Rabi 2013-14	Onion	Akola Safed		ICM	Improved varieties.	-	0.20	-	30	30	-
9	Flowers		Rabi 2013-14	Marigold	PusaNarangi	Deep Orange	ICM	HYV	-	0.60	20	10	30	-
10	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Fruit	Irrigated	Rabi 2013-14	Strawberry	Chandler		Integrated cultural management	Runners	-	0.15	-	04	04	-
12	Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-

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*	
13	Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Fodder	RF	Rabi 2013-14	Oats	Plp-1 Sabzar	-	Varietal evaluation	New Variety	-`	1.0	04	04	08	-
16	Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Poultry	RF	Kharif	Backyard Poultry	Vanraja		Poultry production	New breed	-	-	24	22	46	-
20	Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Common carps	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Oyster mushroom	Rain fed	Rabi 2013-14	Dingri	Pluretus spp		Mushroom	Cultivation practice			20	40	60	
28	Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
31	IFS	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Implements	-	-	-	-	-	-	-	-	-	-	-	-	-

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*	
1	Oilseeds	RF	Rabi 2013-14	Mustard	Pusa Bold	-	ICM	Improved variety	*108-297*	*6-79*	*90-444*	*Maize*
2				Gobi Sarson	GSL-1 DGS-1		ICM	Improved HYV varieties.	*108-297*	*6-79*	*90-444*	*Maize*
3	Pulses	RF	Kharif 2013	Urdbean	Pu-114		ICM	Improved variety of mash	*108-297*	*6-79*	*90-444*	*Wheat/ Mustard /Fodder*
4	Cereals	RF		Maize		Proagro 4794 Bioseed 9621 Double decalb	ICM	New single cross hybrids,	*108-297*	*6-79*	*90-444*	*Wheat/ Mustard /Fodder*
5				Paddy	K-343		ICM	Improved varieties of paddy	*108-297*	*6-79*	*90-444*	*Wheat/ Gobi Sarsoon/Barseem*
6			Rabi 2013-14	Wheat	HS 490 PBW-175		ICM	Improved variety	*108-297*	*6-79*	*90-444*	*Maize*
7	Millets	-	-	-	-	-	-	-	-	-	-	-
8	Vegetables	Irrigated	Rabi 2013-14	Onion	Akola Safed		ICM	Improved varieties.	-	-	-	-
9	Flowers	Irrigated	Rabi 2013-14	Marigold	PusaNarangi	Deep Orange	ICM	HYV	-	-	-	-
10	Ornamental	-	-	-	-	-	-	-	-	-	-	-
11	Fruit	Irrigated	Rabi 2013-14	Strawberry	Chandler		Integrated cultural management	New variety	-	-	-	-
12	Spices	-	-	-	-	-	-	-				

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*	
	and condiment											
13	Commercial	-	-	-	-	-	-	-				
14	Medicinal and aromatic	-	-	-	-	-	-	-				
15	Fodder	Rf	Rabi 2013-14	Oats	Plp-1 Sabzar	-	Varietal evaluation	New Variety	*108-297*	*6-79*	*90-444*	*Maize*
16	Plantation	-	-	-	-	-	-	-	-	-	-	-
17	Fibre	-	-	-	-	-	-	-	-	-	-	-
18	Dairy	-	-	-	-	-	-	-	-	-	-	-
19	Poultry	Rain-fed	Kharif-2013	Poultry	Vanraja		Backyard Poultry	New breed				
20	Rabbitry	-	-	-	-	-	-	-	-	-	-	-
21	Pigerry	-	-	-	-	-	-	-	-	-	-	-
22	Sheep and goat	-	-	-	-	-	-	-	-	-	-	-
23	Duckery	-	-	-	-	-	-	-	-	-	-	-
24	Common carps	-	-	-	-	-	-	-	-	-	-	-
25	Mussels	-	-	-	-	-	-	-	-	-	-	-
26	Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-
27	Oyster mushroom	Rain-fed	Rabi 2013-14	Dhingri	Pleurotus spp		Mushroom cultivation	Round the year mushroom cultivation	-	-	-	-
28	Button mushroom	-	-	-	-	-	-	-	-	-	-	-
29	Vermicompost	-	-	-	-	-	-	-	-	-	-	-
30	Sericultur	-	-	-	-	-	-	-	-	-	-	-

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*	
	e											
31	IFS	-	-	-	-	-	-	-	-	-	-	-
32	Apiculture	-	-	-	-	-	-	-	-	-	-	-
33	Implements	-	-	-	-	-	-	-	-	-	-	-
34	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																			
Mustard	Improved variety	Pusa Bold		Rainfed	21	3.0	6.10	5.0	5.60	4.70	19.2	14500	22400	7900	1.55:1	14000	18800	4800	1.34:1
Gobi-sarsoon		DGS-1 GSL-1		Rainfed	15	3.0	5.75 5.80	5.0 5.60	5.44 5.70	4.25	28.0 34.1	14500	21760 22800	8090 8300	1.50:1 1.57:1	14000	17000	3000	1.21:1
Pulses																			
Mash	Improved variety	Pu-114		Rainfed	19	3.0	6.25	3.90	4.45	3.30	34.80	15000	26700	11700	1.78:1	13500	19800	6300	1.47:1
Cereals																			
Maize	New single cross hybrids	-	Pro agro 4794 Bioseed 9621 Double decalb	Rainfed	97	23.1	30.0 21.25 25.0	18.0 16.0 20.0	22.05 18.58 22.5	17.0	29.7 9.30 32.0	19100 18550 18900	29327 24711 29925	10277 6161 11025	1.53:1 1.33:1 1.58:1	18000	22950	4950	1.28:1
Paddy	Improved variety	K-343		Rainfed	18	4.125	50.0	35.0	43.45	32.0	35.80	28000	54312	26312	1.94:1	25000	43750	18750	1.75:1
Wheat	Improved varieties	HS 490 PBW-175		Rainfed	53	10.07	28.0 24.0	19.50 19.0	22.72 20.72	16.0	42.0 29.5	17500	30672 27972	13172 10472	1.75:1 1.60:1	14500	21600	7100	1.49:1
Millets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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										
Vegetables																			
Onion	Improved variety	Akola Safed		Irrigated	30	0.20	220	160	190	1.40	35.70	110000	19000	80000	1.80:1	100000	140000	40000	1.40:1
Flowers																			
Marigold	Improved variety	-	Deep Orange (Indus)	Irrigated	30	0.60	72	40	56	36	74	78000	168000	90000	2.15:1	66000	90000	24000	1.36:1
Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit																			
Strawberry	Commercial cultivar	Chandler		Irrigated	04	0.15	10.0	8.5	9.25	-	-	80000	92500	12500	1.16:1	-	-	-	
Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	Round the year Mushroom cultivation	I spp	-	Rainfed	60	-	-	-	-	-	-	-	-	-	-	-	-	-	
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	HYV	PLP-1 Sabzar		Rainfed	08	1.0	320 330	300 305	308 315.7	280	10.0 12.8	14500	24640 25556	10140 10756	1.70:1 1.76:1	14500	22400	7900	1.54:1
Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

** BCR= GROSS RETURN/GROSS COST ;H – Highest Yield, L – Lowest Yield A – Average Yield

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

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

5.B.2. Livestock and related enterprises

Type of livestock	*Name of the technology demonstrated*	*Breed*	*No. of Demo*	*No. of Units*	*Yield (q/ha)*				*% Increase*	**Economics of demonstration Rs./unit)*				**Economics of check (Rs./unit)*			
					Demo			*Check if any*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
					H	L	A										
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	Poultry Production	Vanraja	46	46					Cont-								
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 : NA

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

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

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

5.B.4. Other enterprises: Nil

Enterprise	*Name of the technology demonstrated*	*Variety/ species*	*No. of Demo*	*Units / Area {m^2}*	*Yield (q/ha)*				*% Increase*	**Economics of demonstration (Rs./unit) or (Rs./m2)*				**Economics of check (Rs./unit) or (Rs./m2)*			
					Demo			*Check if any*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
					H	L	A										
Oyster mushroom	Round the year Mushroom cultivation	Plerotussp p	60						Cont.								
	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
Button mushroom	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
Vermicompost	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
Sericulture	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
Apiculture	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
Others (pl.specify)	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	***Demo***	***Local***
-	**-**	**-**

5.B.5. Farm implements and machinery: Nil

Name of the implement	*Cost of the implement in Rs.*	*Name of the technology demonstrated*	*No. of Demo*	*Area covered under demo in ha*	*Labour requirement in Mandays*		*% save*	*Savings in labour (Rs./ha)*	**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*
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* 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.) : Nil

Data on other parameters in relation to technology demonstrated		
Parameter with unit	***Demo***	***Local***

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

Sl.No.	***Activity***	***No. of activities organised***	***Number of participants***	***Remarks***
1	Field days	07	199	
2	Farmers Training	05	154	
3	Media coverage	05	-	In daily newspapers*
4	Training for extension functionaries	-	-	
5	Others (Please specify)	-	-	

***Press releases attached as Annexure B**

PART VIa – 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	New single cross hybrids	Pro agro 4794 Bioseed 9621 Double decalb	97	23.1	30.0 21.25 25.0	18.0 16.0 20.0	22.05 18.58 22.5	17.0	29.7 9.30 32.0	19100 18550 18900	29327 24711 29925	10277 6161 11025	1.53:1 1:33:1 1.58:1	18000	22950	4950	1.28:1
Paddy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			**97**	**23.1**													
Oilseeds	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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										
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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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										
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: NA

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	01	10	04	14	01	-	01	11	04	15
Resource Conservation Technologies (Water)	-	-	-	-	-	-	-	-	-	-
Cropping Systems	02	16	02	18	15	01	16	31	03	34
Crop Diversification	01	17	02	19	02	-	02	19	02	21
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	01	13	-	13	03	-	03	16	-	16
Integrated Crop Management	03	51	-	51	32	-	32	83	-	83
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)	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Dry land Horticulture	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants										
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	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
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										
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	01	17	03	20	-	-	-	17	03	20
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Azolla cultivation	-	-	-	-	-	-	-	-	-	-
CapacityBuilding and Group Dynamics										
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	01	14	-	14	06	-	06	20	-	20
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Farmers Field School	-	-	-	-	-	-	-	-	-	-
Youth Empowerment	-	-	-	-	-	-	-	-	-	-
Formation of CBAs	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Agro-forestry										
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Sericulture										
Production technologies	-	-	-	-	-	-	-	-	-	-
Rain-fed Sericulture	-	-	-	-	-	-	-	-	-	-
Disinfection of rearing house	-	-	-	-	-	-	-	-	-	-
TOTAL	**10**	**138**	**11**	**149**	**59**	**01**	**60**	**197**	**12**	**209**

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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables	01	12	03	15	-	-	-	12	03	15
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		M	*F*	*Total*	*M*	*F*	*Total*	*M*	*F*	*Total*
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Integrated crop management	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	02	18	-	18	17	-	17	35	-	35
Layout and Management of Orchards	01	09	-	09	10	-	10	19	-	19
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (Canopy management)	01	07	-	07	-	-	-	07	-	07
c) Ornamental Plants										
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	01	17	-	17	-	-	-	17	-	17
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants										
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	02	25	01	26	23	-	23	27	21	48
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management										
Soil fertility 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 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	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management										
Dairy Management	01	33	-	33	23	-	23	56	-	56
Poultry Management	01	22	04	26	-	-	-	22	04	26
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (Ruminants)	01	17	03	20	12	01	13	29	04	33
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	01	-	16	16	-	04	04	-	20	20
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)	-	-	-	-	-	-	-	-	-	-
Safe drinking water	-	-	-	-	-	-	-	-	-	-
Entrepreneurship and processing	-	-	-	-	-	-	-	-	-	-
Agril. Engineering										

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		M	*F*	*Total*	*M*	*F*	*Total*	*M*	*F*	*Total*
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	03	44	-	44	21	-	21	65	-	65
Integrated Disease Management	03	55	-	55	10	-	10	65	-	65
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (Store grain pest)	01	11	06	17	10	01	11	21	07	28
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										
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		M	*F*	*Total*	*M*	*F*	*Total*	*M*	*F*	*Total*
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	01	18	-	18	03	-	03	21	-	21
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics										
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	01	10	-	10	07	-	07	17	-	17
Mobilization of social capital	05	53	34	87	06	15	21	59	49	108
Entrepreneurial development of farmers/youths	01	06	-	06	20	-	20	26	-	26
Others (Drudgery reduction)	02	30	08	38	-	17	17	30	25	55
Agro-forestry										
Production technologies	05	69	02	71	52	01	53	121	03	124
Nursery management	01	22	05	27	01	06	07	23	11	34
Integrated Farming Systems	02	22	-	22	37	-	37	59	-	59
Sericulture										
Mulberry production	-	-	-	-	-	-	-	-	-	-
Silkworm rearing	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**37**	**500**	**82**	**592**	**252**	**45**	**297**	**752**	**127**	**879**

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	01	09	05	14	01	-	01	10	05	15

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	02	25	-	25	09	-	09	34	-	34
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	01	-	14	14	-	02	02	-	16	16
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	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (Floriculture)	03	72	16	88	65	03	68	137	19	156
TOTAL	**07**	**106**	**35**	**141**	**75**	**05**	**80**	**181**	**40**	**221**

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	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
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 (PPVFRA Training)	01	46	02	48	52	10	62	98	12	110
TOTAL	**01**	**46**	**02**	**48**	**53**	**10**	**62**	**98**	**12**	**110**

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	02	-	-	-	-	-	-	-	-	15
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	01	-	-	-	-	-	-	-	-	16
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	01	-	-	-	-	-	-	-	-	16
Information networking among farmers	-	-	-	-	-	-	-	-	-	
Capacity building for ICT application	01	-	-	-	-	-	-	-	-	29
Management in farm animals	01	-	-	-	-	-	-	-	-	07
Livestock feed and fodder production	01	-	-	-	-	-	-	-	-	28
Household food security	-	-	-	-	-	-	-	-	-	-
Scaling up of water productivity in Agriculture	-	-	-	-	-	-	-	-	-	-
Nutrition Gardening	-	-	-	-	-	-	-	-	-	-
Total	**07**	-	-	-	-	-	-	-	-	**111**

7.F. Training programmes for Extension Personnel 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*
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 (Cultivation of MAPs)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

7.G. Sponsored training programmes conducted

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 (**UNDER ICAR TSP PROGRAMME**)	**04**	**-**	**-**	**-**	**179**	**03**	**182**	**179**	**03**	**182**

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.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	-	-	-	-	-	-	-	-	-	-
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.	CapacityBuilding and Group Dynamics	-	-	-	-	-	-	-	-	-	-
12.b.	Scaling up of water productivity in Agriculture (to farmers and extension personnel)	-	-	-	-	-	-	-	-	-	-
	Total	**04**	**-**	**-**	**-**	**179**	**03**	**182**	**179**	**03**	**182**

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	02	25	-	25	09	-	09	34	-	34
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	02	-	20	20	01	30	31	01	50	51
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	**04**	**25**	**20**	**45**	**10**	**30**	**31**	**35**	**50**	**51**

PART VIII – EXTENSION ACTIVITIES

8.AExtension Programmes (including extension activities undertaken in FLD programmes)

Nature of Extension Programme	*No. of Programmes*	*No. of Participants (General)*			*No. of Participants SC / ST*			*No. of extension personnel*			*Grand Total*
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*	
Field Day	07	143	17	160	37	-	37	02	-	02	199
KisanMela	02	-	-	-	-	-	-	-	-	-	800
KisanGhosthi	03	41	01	42	79	01	80	04	-	04	106
Exhibition	06	-	-	-	-	-	-	-	-	-	1200
Film Show	10	-	-	-	-	-	-	-	-	-	200
Method Demonstrations	08	107	08	115	53	01	54	-	-	-	169
Farmers Seminar	01	-	-	-	55	15	70	07	-	07	77
Workshop	08	-	-	-	-	-	-	110	-	110	110
Group meetings	02	25	04	29	31	-	31	08	-	08	68
Lectures delivered as resource persons	26	-	-	-	-	-	-	-	-	-	-
Newspaper coverage	27*	-	-	-	-	-	-	-	-	-	-
Radio talks	-	-	-	-	-	-	-	-	-	-	-
TV talks	-	-	-	-	-	-	-	-	-	-	-
Popular articles	-	-	-	-	-	-	-	-	-	-	-
Extension Literature	06	-	-	-	-	-	-	-	-	-	-
Advisory Services		-	-	-	-	-	-	-	-	-	-
Scientific visit to farmers field	138	92	-	92	42	04	46	-	-	-	138
Farmers visit to KVK	185	98	-	98	85	02	87	-	-	-	185
Diagnostic visits	08	54	-	54	-			12	-	12	66
Exposure visits	01	03	-	03	09	03	12	01	-	01	16

Nature of Extension Programme	*No. of Programmes*	*No. of Participants (General)*			*No. of Participants SC / ST*			*No. of extension personnel*			*Grand Total*
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*	
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	02	47	04	51	29	02	31	-	-	-	82
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Sees treatment campaigns	01	-	-	-	18	08	26	-	-	-	26
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days											
World Environment day	-	-	-	-	-	-	-	-	-	-	-
Parthenium day	01	-	-	-	-	-	-	-	-	-	79
World Food Day	-	-	-	-	-	-	-	-	-	-	
Women in Agriculture day	-	-	-	-	-	-	-	-	-	-	
Kissan day	-	-	-	-	-	-	-	-	-	-	
Awareness programmes	-	-	-	-	-	-	-	10	-	10	405
Total	**441**	**610**	**34**	**644**	**438**	**36**	**474**	**154**	**-**	**154**	**3926**

***Press releases attached as ANNEXURE "B"**

10. 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

Crop category	*Name of the crop*	*Variety*	*Hybrid*	*Quantity of seed (qtl)*	*Value (Rs)*	*Number of farmers to whom provided*
Cereals (crop wise)	Wheat(seed)	Vl-829		3.75	10000	-
Oilseeds	Toria	RSPT-1		1.25	4000	-
Pulses	Black Gram	Uttara	-	0.95	6000	-
Commercial crops	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Flower crops	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-	-
Fiber crops	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
Total	-	-	-	-	**20000**	-

9.B. Production of planting materials by the KVKs

Crop category	*Name of the crop*	*Variety*	*Hybrid*	*Number*	*Value (Rs.)*	*Number of farmers to whom provided*
Commercial	-	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-	-
Fruits	-	-	-	-	-	-
Ornamental plants	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-	-
Plantation	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Tuber	-	-	-	-	-	-
Fodder crop saplings	Perennial grass	Napier hybrid Setaria		650 root slips 650 root slips	650 650	55
Forest Species	-	-	-	-	-	-
Others(specify)	-	-	-	-	-	-
Total	-	-	-	-	**1350**	-

9.C. Production of Bio-Products

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

9.D. Production of livestock materials

Particulars of Live stock	*Name of the breed*	*Number*	*Value (Rs.)*	*Number of farmers to whom provided*
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.) : Nil

(B) Literature developed/published

Item	*Title*	*Authors name*	*Number of copies*
Research papers	Effect of different doses of N, P, K on physic-chemical characteristics of guava Cv. Allahbadsafeda..(2013). *International Journal of Plant Sciences* 8(1)	Rajesh Kumar, VikasTandon and Shepherd	
	Crossability relationship among tree willows (*Salix*spp.) and Molecular genetic variation among their progenies. (2013). *Indian J. Genet*., 73(3): 302-309	PunitChoudhary, N B. Singh, ArchanaVerma and J. P. Sharma	
	Molecular Diversity in Willow Clones Selected for Commercial Plantation. 2013. *Indian J. Plant Genet. Resour. 26(2): 138–145*	NB Singh, PunitChoudharyand Santosh Joshi	
	Collection, viability and storage behavior of pollen of some willow species/clone.(2013) *The Indian Forester*139 (8) : 706-713	PunitChoudhary and N B. Singh	
	Constraints faced by the wheat farmers in adoption of recommended practices in intermediate region of J&K. (2013). *Indian Journal of Social Research*, 55(2);353-360	Rakesh Sharma, Sanjay Khar, PuneetChoudhary, A K Sinha and K Y Deshpande	
	Impact of the integrated pest management-farmer field school (IPM-FFS) programme on vegetable grower's knowledge(2013).*Indian Journal of Social Research*,54(5);423-438	Rakesh Sharma, RajinderPeshin and S.E.H Rizvi	
	Role of biotechnology in tree improvement .2013 In: Ensuring Livelihood Security through Agro-forestry in an Era of Climate Change.152-159	PunitChoudhary, VikasTandon, S K Gupta and Vishal Mahajan	

Item	*Title*	*Authors name*	*Number of copies*
	SSR DNA Marker Aided Genetic Diversity Assessment of Selected Willow Clones.(2013) *Genetika* 45(2): 527-536	NB Singh,S. Joshi, PunitChoudhary and J P Sharma	
Abstracts	Breeding Relationship of some exotic and indigenous commercially important tree willows (*Salix*spp). (2014) In: Proceeding of the101st Indian Science Congress; Agriculture and Forestry Sciences. 76p	PunitChoudhary and N B Singh	
	Environmental impact of the vegetable integrated pest management program in the Jammu region of Jammu and Kashmir state. (2014). In: Proceeding of the101st Indian Science Congress; Agriculture and Forestry Sciences.	Rakesh Sharma andRajinderPeshin	
	Biotechnological Tools for Forest Tree Improvement. (2014). In: Proceeding of the101st Indian Science Congress; Agriculture and Forestry Sciences. 77p	PunitChoudhary, VikasTandon and S K Gupta	
	Potential of medicinal and aromatic Plants under integrated system. In:ISTS-IUFRO Conference on "Sustainable Resource Management for Climate Change Mitigation and Social Security". (2014) p77-78	PunitChoudhary, Vikas Tandon and Rakesh Sharma	
	Trees for ensuring livelihood security in Rajouri and Poonch (j&k). In:ISTS-IUFRO Conference on "Sustainable Resource Management for Climate Change Mitigation and Social Security". (2014)p78-79	PunitChoudhary, VikasTandon and S.K Gupta	
Technical reports	Annual progress report, 2013-14 Monthly progress reports Quarterly progress report		
Book Chapter	Agroforestry Systems of Himalayan Region. *In*: Agroforestry Theory and Practices.(2013). Scientific Publishers: 445-453.	Meenakshi Gupta, L M Gupta, PunitChoudhary, K KSood and AmolVashisht.	
	Dissemination of integrated pest management practices for higher productivity. In: Dhawan A K, Singh B, Bhuller M B and Arora	R Peshin, Sharma R and Slathia P S	

Item	*Title*	*Authors name*	*Number of copies*
	R.eds. Integrated pest management (2013). Scientific Publishers. P 702-724.		
	Knowledge management for development and spread of sustainable agricultural practices. In: Hansra BS, Jain PK, Babu SC and Bharti BK eds. Agricultural Education and knowledge management.(2013). p 1-10	R Peshin, Sharma R and Slathia P S	
	Role of biotechnology in tree improvement.2013 In: Ensuring Livelihood Security through Agroforestry in an Era of Climate Change.152-159	PunitChoudhary, VikasTandon, S K Gupta and Vishal Mahajan	
Technical bulletins	Medicinal and Aromatic Plants	PunitChoudhary Rakesh Sharma and VikasTandon	
	Improved fodder production	PunitChoudhary Rakesh Sharma and VikasTandon	
Popular articles	-	-	-
Training Manual	-	-	-
Extension literature	Introduction of ICT component in to the agriculture extension	Rakesh Sharma, VikasTandon, PunitChoudhary and Amit Mahajan	
	Recent advances in Animal production	K Y Deshpande	
Folders /leaflets	Protection of plant varieties and farmers right act (PPV&FRA)- An introduction	Kamlesh Bali Vikas Sharma, A K Sharma	
	Intellectual property right in forestry	VikasTandon, PunitChoudhary and Rakesh Sharma	
TOTAL	**26**		

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).

1. TITLE: ECONOMIC BENEFITS OF ADOPTING VEGETABLES AND FLORICULTURE ENTERPRISE

Introduction	MrAsgarQaziisa farmer of village Kalalkas, block Budhal of District Rajouri. His educational standard is middle and he was practicing subsistence type of farming till few years back. He possesses 3.25 ha of land on which he was cultivating maize, rice and wheat. Half of the cultivable land is irrigated thereby offering a good scope of diversification. In *Rabi*season, he cultivated wheat and fodder (oats) and in *kharif*,he grew maize and Paddycrops. His income from cultivating traditional crops was Rs 1, 50,000 per year.
KVK intervention	In 2011, Mr.Qazicame in contact with KVK Rajouri. We carried out detailed study of his farming. He was applying very high seed rate in paddy as well as in maize.He was given scientific demonstrations on paddy and maize. He was convinced in reducing the seed rate and also on application of balanced fertilizer doses.Moreover, to further enhance his knowledge KVK also trained him for scientific wheat cultivationand got36.25 q/hawheat yield and was very happyas before that he was harvesting about 15 q/ha wheat from same plots.. From then, he is regular participant of KVK programmes. In 2012, KVK inspired him to shift from cereals to cash crops. KVK scientists suggested him that since he has an irrigation source, thus, he may shift to vegetable cultivation. He agreed and started cultivating cucumber, okra, radish, knolkhol, cabbage, chilli, tomato and garlic on two acres of land. KVK Rajouri helped him at every step,right from nursery raising to transplanting and in plant protection measures. He earned handsome profits in the first year itself. With this positive experience and his also with his entrepreneurial skills, he started marigold cultivation. KVK conducted training programmes, laid front line demonstrations, conducted exposure visits, organized training programmes on floriculture, and provided relevant literature in local language. He cultivated marigold (varPusaNarangi) on seven kanals of area.
Outcome	Sh. QaziAzgar started getting higher returns from his same piece of land simply by modifying his cultivation practice. He adopted SCH in maize and also started growing hybrid paddy which fetched him higher returns.He also saved

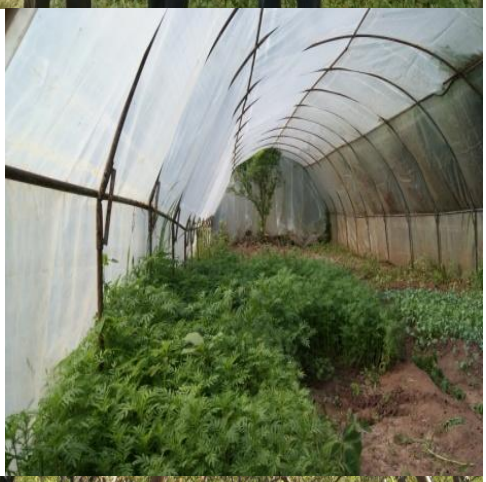
	on seed cost due to optimum usage of seed especially in Paddy and Maize. Thus, the knowledge acquired through demonstrations, trainings, awareness camps and exposure visits combined with his hard work and sincerityby the farmer,resulted in fruitful results.Now Sh. QaziAzgar cultivates vegetables and loose flowers. He earned Rs. 1,5,0000 from selling vegetables and Rs. 1,00,000 from sale of loose flowers (Marigold)during the current season. He markets his own produce and this is his unique entrepreneurship trait.Due to this quality he earned Rs 25000 in single day from direct selling of loose flowers to the consumers on the auspicious day of Diwali. This particular quality of MrAsgarQazi reflects that he is not only hard working farmer but, an intelligent entrepreneur who knows what to do, how to do and when to do.
Impact	The adoption of the improved technology helped the farmer increase his farm income almost three times what he was getting from conventional farming. The gross income of MrAsgarQazi was Rs 150,000 per year when he was practicing cereal crops. But, after adopting cash cops namely vegetables and floriculture, his income is almost four lakhs. Now, he is respected farmer in the area and source of inspiration for other farmers.

2. TITLE: SUSTAINABLE INCOME FROM DIVERSIFIED AGRICULTURE

Introduction	ShBalbir Raj S/o Sh Devan Chandis a resident of MehariMarayala village, Block Doongi of District Rajouri. This is a rather backward area of Rajouri offering little scope of development. He possesses 3.75 acres of land holding. He is middle pass and has 26 years of experience in agriculture sector. He was practicing rain-fed farming with maize-Wheat being the sole cropping sequence and he was not well acquainted with latest know how of agriculture before coming in contact with KVK.
KVK intervention	Sh. Balbir Singh is a resource poor farmer but his hard work has not only transformed his own economy but has also inspired others in the area. KVK Rajouri came in contact with him in the year 2010-11.He was trained in effective cultivation of maize-wheat system. He started getting interest in our trainings. He was advised to shift to vegetable cultivation. He lacked water source. KVK Rajouri encouraged him to collect water in small check dam and

	later helped him in constructing low cost harvesting tank. There was no looking back after that. He was given effective trainings in vegetable cultivation. His enthusiasm resulted in success. He started earning about Rs 80,000 per season from vegetables. KVK scientists advised him to start vegetable nursery and he earned about Rs50,000 from selling Onion nursery alone. He could raise early nursery for himself and got premium pricing in market. After success in vegetables he got interested inflower cultivation. Now he has become leader in marigold cultivation in Rajouri and grows about two acre Marigold that too in both seasons. He earnedRs1,50,000 from Marigold during Diwali season. He was given vocational trainingsin mushroom cultivation and flower cultivation in the KVK that helped him in establishing his enterprises after acquiring knowledge he has got access to centrally sponsored schemes from department of Agriculture.
Outcome	After acquiring necessary knowhow from KVK and other agencies, he started cultivation of vegetables, flowers, mushroom (button and dhingri). He also started selling the seedlings of vegetables and flowers. He established two poly house structures (480 and 256 sq. feet) for raising early vegetable nursery. He is cultivating cereals on 2 acres of land, loose flowers and vegetables on 1.25 acres of land and horticultural crops on 0.5 acres of land. He has also raised 400 trays of white mushroom. He earned Rs Eighty thousand from selling vegetable and its seedlings, one lakh fifty thousand from marigold and nursery seedlings and another twenty thousand from cereals.
Impact	He is now employment provider rather than employment seeker. He is source of inspiration for fellow farmers of the area and help them in doing agriculture in scientific way. Now, he acts as master trainer for KVK training programmes.

KVK Scientists providing technical Skill to the farmer



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

- Follow up of the training programmes
- Exhibition of improved farm machinery and demonstration of different farm implements on farmer's field.
- Horizontal extension through exposure visits for the farmers to progressive farmers field.
- KVK invited progressive farmers from tine to times in training programmes to share their experiences with other farmers for building confidence of trainee farmers.
- Collaborative programmes with Indian Army and Degree Colleges.

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	Safe storage of Rice	Making Kunnu and Kunutru	For minimize losses from hailstorm and drying the crop for threshing
2	Safe storage of grains	Dried leaves of*Adathodavesica*for protection against storage pest.	Minimizing storage loss
3	Cucurbits and brinjal	Dusting with ash for control of beetles	Plant protection
4	Maize and grasses	Making Karhi from fodder grasses	Storage of hay for lean periods of winter
5	Vegetables	Spraying of Goat waste from protection against insect and pests.	Plant protection

PREPARATION OF KUNNUTRU FOR PROTECTION AGAINST SHATTERING LOSSES IN PADDY

KARAHI MAKING FROM FODDER GRASSES FOR STORAGE OF HAY FOR LEAN PERIOD.

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

- **Identification of courses for farmers/farm women**

  - Training needs assessment.
  - Farmer's scientist's interaction at KVK.
  - PRA/survey/ diagnostic visits
  - Frontline demonstrations.
  - KissanGoshties.
  - Ex-trainees Sammalen

Rural Youth

- Training need assessment
- PRA/Survey

In-service personnel

- Officers' Workshops
- ZREAC meeting
- SAC meetings

10.G. Field activities

i. Number of villages adopted - 14
ii. No. of farm families selected - 400
iii. No. of survey/PRA conducted - 14

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab :Functional

1. Year of establishment :2006
2. List of equipments purchased with amount :

S. No	Name of the Equipment	Qty.	Cost (Rs)
1	Water distillation unit	1	31667
2	Willy Grinding Mill	1	19406
3	P.H. meter	1	16706
4	Precisa analytical balance	1	52594
5	Kahn Shaking Machine	2	29358
6	Oven	1	12900
7	Spectrophotometer	1	151340
8	Flamephotometer	1	31149
9	EC meter	1	15729
10	Hot plate	1	1153
11	Kjeldhal Distillation and digestion unit	2	37695
Total		**13**	**399397**

Details of samples analyzed so far since establishment of SWTL:

Details	*No. of Samples analyzed*	*No. of Farmers benefited*	*No. of Villages*	*Amount realized (Rs.)*
Soil Samples	**309**	**235**	**54**	-
Water Samples	-	-	-	-
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	**309**	**235**	**54**	-

Details of samples analyzed during the 2013-14:

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: 17-20th Dec, 2013
Total number of farmers visited : 182
Total number of agencies involved : 02
Number of demonstrations visited by the farmers within KVK campus: 05

Other Details

Types of Activities	*No. of Activities*	*Number of Farmers*	*Related crop/livestock technology*
Gosthies	04	182	Maize, Cereals, Oilseed, Fodder
Lectures organized	20	-	-
Exhibition	04	-	-
Film show	04	-	-
Fair		-	-
Farm Visit	04	-	-
Diagnostic Practicals	-	-	-
Supply of Literature (No.)	-	910	-
Supply of Seed (q)	-	-	-
Supply of Planting materials (No.)	-	-	-
Bio Product supply (Kg)	-	-	-
Bio Fertilizers (q)	-	-	-
Supply of fingerlings	-	-	-
Supply of Livestock specimen (No.)	-	-	-
Total number of farmers visited the technology week	-	182	-

10. J. Interventions on drought mitigation (if the KVK included in this special programme): NA

17- Introduction of alternate crops/varieties

State	*Crops/cultivars*	*Area (ha)*	*Number of beneficiaries*
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

B. Major area coverage under alternate crops/varieties

Crops	*Area (ha)*	*Number of beneficiaries*
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
Total		

C. Farmers-scientists interaction on livestock management

State	*Livestock components*	*Number of interactions*	*No.of participants*
-	-	-	-
Total			

D. Animal health camps organized

State	*Number of camps*	*No.of animals*	*No.of farmers*
-	-	-	-
Total			

E. Seed distribution in drought hit states:

State	*Crops*	*Quantity (qtl)*	*Coverage of area (ha)*	*Number of farmers*
-	-	-	-	-
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*

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)*
Promotion of Single cross hybrids in maize	550	56%	22950	28500

11.B. Cases of large scale adoption

- Wheat crop varieties HS-240, VL-829, VL-892 ,Raj 3765 and PBW 175 were propagated through FLD's during Rabi 2012-13. Wheat variety resistant to yellow rust is performing well under rainfed conditions. Wheat variety HS 240 and VL-829 varieties for early sown rainfed conditions are resistant to yellow rust and loose smut performed very well in Rajouri. The average productivity of wheat crop increased by more than 50% in this year and successfully adopted by the farmers of the district.
- Maize varieties Proagro-4794, Bioseed 9621 and Double Decalb were popularized in the district through FLD programme. The productivity of maize increased by 23.8% and successfully adopted by the farmers.
- Oilseeds namely gobisarson (DGS-1) are popularized in the district for encouraging crop diversification. DGS-1 variety have been demonstrated under FLDs and there is 23% increase in production of these crops resulting in 15-16% increase in adoption rate of these crops in the district**.**
- Urd bean variety PU-114 was popularized in the district through FLD programme. The productivity of Urd bean increased by 32 % and successfully adopted by the farmers.

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

- During the year 2013-4, KVK Rajouri laid stress on seed treatment. As only 5-6 percent farmers were treating their seed before sowing. Moreover farmers cultivating chilli, informed the KVK during the training programmes and other extension activities that there is problem of chilli wilt.
- In FLD of wheat, KVK Rajouri provided seed of PBW 175 variety as this is resistant to yellow rust. None of the FLD farmer reported the problem of yellow rust in wheat. Although, there was problem of yellow rust in wheat in district Rajouri .
- In mushroom cultivation, two numbers of vocational training programmes were conducted by the KVK Rajouri in which thirty four farmers were trained. Out of this, five farmers started cultivating mushroom this year. Thus the mushroom enterprise was adopted by nearly fifteen percent of the trained farmers.
- KVK Trainings on diversification has resulted in increase in are under vegetables and floriculture. Rural youth have been encouraged to take up these as enterprise and they started showing results.

PART XII – LINKAGES

12.A. Functional linkage with different organizations

1	Department of Agriculture	Technical Support Consultancy Resource personnel's, Agro advisory Monthly Messages Joint Diagnostic Visits
2	Department of Horticulture	
3	Department of Animal Husbandry	
4	Department of Sheep Husbandry	
5	Department of Floriculture	
6	Department of Forest	
7	Department of Fisheries	
8	NABARD	Resource personnel's
9	J&K Bank RSETI	Resource personnel's
10	Nehru Yuva Kendra	Technical Support Consultancy Resource personnel's,
11	Indian Army	Consultancy Resource personnel's
12	Farmers Training Centre	Resource personnel's
13	District Institute of Education and Trainings	Resource personnel's
14	Non Governmental Organizations	Consultancy
15	Self Help Groups	Consultancy

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.)*
National Mission on Micro Irrigation	8-10th Oct, 2013 and 15-16th Jan, 2013	Department of Floriculture Jammu	50,000
Tribal Sub Plan	17-20th Dec, 2013 30th Jan, 2014	ICAR (TSP)	13,00000
PPV& FRA	19th Feb	PPV&FRA AUTHORITY GOI	80,000

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:

SL. No.	Programme	Nature of linkage	Remarks
1	Training on PRA	Resource person	-
2.	Farmer Scientist interaction	Experts	-
3	Krishimela	Participation and exhibitions	-
4	On farm testings	Participatory technology assessment	-

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**	Farmer Scientist Interaction	02	02	-
02	**Research projects**	-	-	-	-
03	**Training programmes**	-	-	-	-
04	**Demonstrations**	-	-	-	-
05	**Extension Programmes**	-	-	-	-
	KisanMela	KissanMela	02	01	
	Technology Week				
	Exposure visit	Exposure visit to Nagpur Krishi Expo		01	
	Exhibition		02		
	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: Nil

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 : Nil

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: Nil

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

17- **G Kisan Mobile Advisory Services: Nil**

Month	*No. of SMS sent*	*No. of farmers to which SMS was sent*	*No. of feedback / query on SMS sent*
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. (q)*	*Cost of inputs*	*Gross income*	
Cereals									
Maize	19-06-13 To 08-07-13	01-10-13 To 18-10-13	4.0	Bioseed 9621	Grain	12	15000	16500	Poor Crop
Wheat	Nov 2012	18-05-2013 To 22-05-2013	0.4	VL-829	Breeder Seed	3.75	4000	11250	Revenue still to be realized
Wheat	Nov 2012	18-05-2013 To 22-05-2013	2.0	VL-892	Grain	15.17	24000	28471	Including revenue from sale of wheat straw
Oats	19-09-13	20-03-2014	0.4	Sabzar	Fodder	-	5000	9000	Green fodder
Pulses									

Name of the crop	*Date of sowing*	*Date of harvest*	*Area (ha)*	*Details of production*			*Amount (Rs.)*		*Remarks*
				Variety	*Type of Produce*	*Qty. (q)*	*Cost of inputs*	*Gross income*	
Black Gram	19-07-13	15-10-13	0.4	Uttara	Seed	1	5500	6500	Revenue still to be realised
Oilseeds									
Toria	21-0913	15-01-13	0.5	RSPT-01	Seed	1.25	2000	5000	Revenue still to be realised
Fibers									
Spices & Plantation crops									
Floriculture	-	-	-	-	-	-	-	-	-
Fruits									
Peach	-	-	-	-	-	1.0	-	1290	-
Vegetables									
Others (specify)									
Green grass	-	-	-	-	-	-	-	36900	
Green leaves	-	-	-	-	-	-	-	10500	
ParrenialGrassess	-	-	-	-	Napier Setaria	1300 root slips		1300	Distributed free of costs to the farmers

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) : NA

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:

Accommodation available (No. of beds) = 10

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

Bank account	*Name of the bank*	*Location*	*Branch code*	*Account Name*	*Account Number*	*MICR Number*	*IFSC Number*
With Host Institute							
With KVK	J&K bank	Rajouri	RAJOURI MAIN	Programme coordinator	0020040500040900, 0020040500040929	18505100	JAKA0RADISH

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

Sl. No.	*Particulars*	*Sanctioned*	*Released*	*Expenditure*	*Balance*
A. Recurring Contingencies					
1	**Pay & Allowances**	62.65	60.53	66.10	
2	**Traveling allowances**	1.75	1.00	0.80	
3	**Contingencies**	8.0	6.60	7.09	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	-	-	-	-
B	POL, repair of vehicles, tractor and equipments	-	-	-	-
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	-	-	-	-
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	-	-	-	-
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	-	-	-	-
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)		**72.40**	**68.13**	**73.99**	

Sl. No.	*Particulars*	*Sanctioned*	*Released*	*Expenditure*	*Balance*
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)		-	-	-	-
C. REVOLVING FUND					
GRAND TOTAL (A+B+C)		**72.40**	**68.13**	**73.99**	-

14.C. Status of revolving fund (Rs.In lakh) for the three yearsICAR 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	9,21,735	1,81,430	80,483	10,22,682
April 2012 to March 2013	10,22,682	196,004	102,794	11,15,892
April 2013 to March 2014	11,15,982	164,000	47,000	12,32982

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

Name of the staff	*Designation*	*Title of the training programme*	*Institute where attended*	*Dates*
Dr. VikasTandon	PC	PGDAEM under distance learning mode	MANAGE Hyderabad	2013-14
Dr. PunitChoudhary	SMS	Agroforestry for securing livelihood	SKUAST-J	13th Nov-03rd Dec, 2013
		World Congress on Agroforestry	ICAR, ICRAF New Delhi	10-17th Feb, 2014
Dr. Rakesh Sharma	SMS	Agribusiness and Agriculture information System	AAU Anand	01-21st July 2013
	SMS	SAS Computing System	SKUAST-J	17-22 March 2014
Dr. VikasTandon Dr. PunitChoudhary	PC SMS	• Market Intelligence for Agricultural Commodities • Reporting and documentation of field experiments • Scientific documentation of case studies and success stories	SKUAST-J	20th March 2014 21st March 2014 22nd March 2014
Dr. VikasTandonDr. PunitChoudhary Dr. Rakesh Sharma	PC SMS SMS	101st Indian Science Congress	University of Jammu	03-07th Feb, 2014

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

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*
Integrated Nutrient Management	Wheat	T1: Farmers practices (Imbalance application of seed and fertilizer) T2: Recommended application of seed and fertilizer (N-60kg, P_2O_5-30kg, K_2O-20kg, Seed 100 Kg) T3: Recommendations of DWR for NW Himalayan region (N-90kg, P_2O_5-30kg, Seed 120 Kg)	01
Varietal Evaluation	Peach	T1:Farmers practice Un-recommended (NPK) T2: Recommended (NPK) T3:75% NPK + Vermicompost @ 10 t/ha	02
	Turmeric	T1: Farmer practice (Own seed). T2: Sugundha T3: PH-1	04
	Oats	T1: Farmers practice (Kent) T2: Palampur-1 T3: Sabjar	04
	Grasses	T1: Farmers practice (Natural Grass) T2: Setaria T3: *Napier* hybrid	05
Integrated Pest Management	Maize	T1: Farmers practice (No control measures) T2: Trap Crop T3: Integrated pest management (T2+Hand Picking)	01
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			**17**

Summary of technologies assessed under livestock

Thematic areas	*Name of the livestock enterprise*	*Name of the technology assessed*	*No. of trials*
Disease Management	-	-	-
Evaluation of Breeds	-	-	-
Feed and Fodder management	-	-	-
Nutrition Management	-	-	-
Production and Management	-	-	-
Others (Pl. specify)	-	-	-
Total			

Summary of technologies assessed under various enterprises: Nil

Thematic areas	*Enterprise*	*Name of the technology assessed*	*No. of trials*

Summary of technologies assessed under home science: Nil

Thematic areas	*Enterprise*	*Name of the technology assessed*	*No. of trials*

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops-Nil-

Thematic areas	*Crop*	*Name of the technology refined*	*No. of trials*
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	-	-	-
	-	-	-
Others (Pl. specify)	-	-	-
	-	-	-
Total			

Summary of technologies assessed under refinement of various livestock : Nil

Thematic areas	*Name of the livestock enterprise*	*Name of the technology refined*	*No. of trials*
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 : Nil

Thematic areas	*Enterprise*	*Name of the technology assessed*	*No. of trials*
	-	-	-
	-	-	-

Summary of technologies refined under home science : Nil

Thematic areas	*Enterprise*	*Name of the technology assessed*	*No. of trials*
	-	-	-
	-	-	-

III. FRONTLINE DEMONSTRATION

Crops

Crop	*Thematic area*	*Name of the technology demonstrated*	*No. of Demo*	*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*
Oilseeds																		
Mustard	Varietal Evaluation	Seed + fertilizer	21	21	3.0	5.60	4.70	19.2	-	-	14500	22400	7900	1.55:1	14000	18800	4800	1.34:1
Gobi-Sarson	Varietal Evaluation	Seed + fertilizer	15	15	3.0	5.44 570	4.25	28.0 34.1	-	-	14500	21760 22800	8090 8300	1.50:1 1.57:1	14000	17000	3000	1.21:
Pulses																		
Black Gram	Varietal Evaluation INM	Seed + DAP	10	19	3.0	4.45	3.30	34.80	-	-	15000	26700	11700	1.78:1	13500	19800	6300	1.47:1
Cereals																		
Maize	Varietal Evaluation	Proagro 4794 Bioseed 9621 Double Decalb	97	97	23.10	22.05 18.58 22.50	17.0	29.70 9.30 32.0			19100 18550 18900	29327 24711 29925	10277 6161 11025	1.53:1 1.33:1 1.58:1	18000	22950	4950	1.28:1
Paddy	Varietal Evaluation + Weed management	Seed + DAP + Herbicide	18	18	4.125	43.45	32.0	35.80			28000	54312	26312	1.94:1	25000	43750	18750	1.75:1
Wheat	Varietal Evaluation INM	Seed + Fertilizer HS-490 PBW-175	53	53	10.07	22.72 20.72	16.0	42.0 29.50	-	-	17500	30672 27972	13172 10472	1.75:1 1.60:1	14500	21600	7100	1.49:1
Millets																		
Vegetables																		
Onion	Varietal Evaluation	Seed (Akola Safed)	30	30	0.20	190	140	35.70			110000	190000	80000	1.80:1	100000	140000	40000	1.40:1
Fruit																		
Strawberry	Varietal Evaluation	Runner (Chandler)	04	04	0.15	9.25	-	-	-	-	80000	92500	12500	1.16:1	-	-	-	-
Commercial crops																		

Crop	*Thematic area*	*Name of the technology demonstrated*	*No. of Demo*	*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*
Marigold	Varietal Evaluation	(Seed) Deep Orange	30	30	0.60	56.0	36.0	74.0	-	-	78000	16800	90000	2.15:1	66000	90000	24000	1.36:1
Fodder																		
Oats	Varietal Evaluation	Seed PLP-1 Sabjar	08	08	1.0	308.0 315.7	280.0	10.0 12.8	-	-	14500	24640 25556	10140 10756	1.70:1 1.76:1	14500	22400	7900	1.55:1

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

** BCR= GROSS RETURN/GROSS COST

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.)*			
						Demonstration	*Check*		*Demonstration*	*Check*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
Dairy																		
Poultry	Poultry Production	Breed (Vanraja)		46	460	Contd.												
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total			46	460													

* 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: - Nil

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.)*			
						Demonstration	*Check*		*Demonstration*	*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*
Dhingri mushroom	ICM		60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			60														

* 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: Nil

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: Nil

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)***			
				Demonst-ration	***Local check***	***% change***	***Gross Cost***	***Gross Return***	***Net Return***	***BCR***
Cereals										
Maize	Proagro 4794 Bioseed 9621 Double Decalb	97	23.10	22.05 18.58 22.50	17.0	29.70 9.30 32.0	19100 18550 18900	29327 24711 29925	10277 6161 11025	1.53:1 1:33:1 1.58:1
Sorghum	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	**97**	**23.10**							
Oilseeds	-	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-

Crop	*Name of the Hybrid*	*No. of farmers*	*Area (ha)*	*Yield (kg/ha) / major parameter*			*Economics (Rs./ha)*			
				Demonst-ration	*Local check*	*% change*	*Gross Cost*	*Gross Return*	*Net Return*	*BCR*
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)	-	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	**97**	**23.10**	-	-	-	-	-	-	-

IV. Training Programme

Training for 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	01	10	04	14	01	-	01	11	04	15
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	02	16	02	18	15	01	16	31	03	34
Crop Diversification	01	17	02	19	02	-	02	19	02	21
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	01	13	-	13	03	-	03	16	-	16
Integrated Crop Management	03	51	-	51	32	-	32	83	-	83
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	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
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	01	17	03	20	-	-	-	17	03	20
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Azolla cultivation	-	-	-	-	-	-	-	-	-	-
CapacityBuilding and Group Dynamics										
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	01	14	-	14	06	-	06	20	-	2010
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	**10**	**138**	**11**	**149**	**59**	**01**	**60**	**197**	**12**	**209**

Training for Farmers and Farm Women 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*
Crop Production										
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
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 and farming	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Water saving technologies	-	-	-	-	-	-	-	-	-	-
Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables	01	12	03	15	-	-	-	12	03	15
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Integrated crop management	-	-	-	-	-	-	-	-	-	-
b) Fruits										

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Training and Pruning	02	18	-	18	17	-	17	35	-	35
Layout and Management of Orchards	01	09	-	09	10	-	10	19	-	19
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (Canopy Management)	01	07	-	07	-	-	-	07	-	07
c) Ornamental Plants										
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	01	17	-	17	-	-	-	17	-	17
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants										
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	02	25	01	26	23	-	23	27	21	48
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	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management										
Dairy Management	01	33	-	33	23	-	23	56	-	56
Poultry Management	01	22	04	26	-	-	-	22	04	26
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (Small Ruminents)	01	17	03	20	12	01	13	29	04	33
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	01	-	16	16	-	04	04	-	20	20
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)	-	-	-	-	-	-	-	-	-	-
Safe drinking water	-	-	-	-	-	-	-	-	-	-
Enter prenurship 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	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection										
Integrated Disease Management	03	44	-	44	21	-	21	65	-	65
Integrated Disease Management	03	55	-	55	10	-	10	65	-	65
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (Safe storage of Grains)	01	11	06	17	10	01	11	21	07	28
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										
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	01	18	-	18	03	-	03	21	-	21
Apiculture	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development										
Group dynamics	-	-	-	-	-	-	-	-	-	-

Area of training	*No. of Courses*	*No. of Participants*								
		General			*SC/ST*			*Grand Total*		
		Male	*Female*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*	*Total*
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	01	10	-	10	07	-	07	17	-	17
Entrepreneurial development of farmers/youths	05	53	34	87	06	15	21	59	49	108
Agro-forestry	01	06	-	06	20	-	20	26	-	26
Production technologies	02	30	08	38	-	17	17	30	25	55
Nursery management										
Integrated Farming Systems	05	69	02	71	52	01	53	121	03	124
Sericulture	01	22	05	27	01	06	07	23	11	34
Mulberry production	02	22	-	22	37	-	37	59	-	59
Silkworm rearing										
TOTAL	**37**	**500**	**82**	**592**	**252**	**45**	**297**	**752**	**127**	**879**

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	01	09	05	14	01	-	01	10	05	15
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	02	25	-	25	09	-	09	34	-	34
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	01	-	14	14	-	02	02	-	16	16
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	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (Floriculture)	03	72	16	88	65	03	68	137	19	156
TOTAL	**07**	**106**	**35**	**141**	**75**	**05**	**80**	**181**	**40**	**221**

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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (PPV&FRA)	01	46	02	48	52	10	62	98	12	110
TOTAL	**01**	**46**	**02**	**48**	**53**	**10**	**62**	**98**	**12**	**110**

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	02	-	-	-	-	-	-	-	-	15
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	01	-	-	-	-	-	-	-	-	16
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	01	-	-	-	-	-	-	-	-	16
Information networking among farmers	-	-	-	-	-	-	-	-	-	
Capacity building for ICT application	01	-	-	-	-	-	-	-	-	29
Management in farm animals	01	-	-	-	-	-	-	-	-	07
Livestock feed and fodder production	01	-	-	-	-	-	-	-	-	28
Household food security	-	-	-	-	-	-	-	-	-	-
Scaling up of water productivity in Agriculture	-	-	-	-	-	-	-	-	-	-
Nutrition Gardening	-	-	-	-	-	-	-	-	-	-
Total	**07**	-	-	-	-	-	-	-	-	**111**

Training programmes for Extension Personnel 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*
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	-	-	-	-	-	-	-	-	-	-

Sponsored training programmes

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 (**UNDER ICAR TSP Project**)	**04**	**-**	**-**	**-**	**179**	**03**	**182**	**179**	**03**	**182**
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	-	-	-	-	-	-	-	-	-	-
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.	CapacityBuilding and Group Dynamics	-	-	-	-	-	-	-	-	-	-
12.b.	Scaling up of water productivity in Agriculture (to farmers and extension personnel)	-	-	-	-	-	-	-	-	-	-
	Total	**04**	**-**	**-**	**-**	**179**	**03**	**182**	**179**	**03**	**182**

Details of Vocational Training Programmes carried out 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	02	25	-	25	09	-	09	34	-	34
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	02	-	20	20	01	30	31	01	50	51
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	04	25	20	45	10	30	31	35	50	51

V. Extension Programmes

Activities	*No. of programmes*	*No. of farmers*	*No. of Extension Personnel*	*Total*
Field Day	07	197	02	199
KisanMela	03	800	-	800
KisanGhosthi	03	102	04	106
Exhibition	06	1200	-	1200
Film Show	10	200	-	200
Method Demonstrations	08	169	-	169
Farmers Seminar	01	70	07	77
Workshop	08	-	110	110
Group meetings	02	60	08	68
Lectures delivered as resource persons	26	-	-	-
Advisory Services	-	-	-	-
Scientific visit to farmers field	138	138	-	138
Farmers visit to KVK	185	185	-	185
Diagnostic visits	08	54	12	66
Exposure visits	01	15	01	16
Ex-trainees Sammelan	-	-	-	-
Soil health Camp	-	-	-	-
Animal Health Camp	02	82	-	82
Agri mobile clinic	-	-	-	-
Soil test campaigns	-	-	-	-
Seed treatment Campaigh	01	26	-	26
Farm Science Club Conveners meet	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-
World Environment day	-	-	-	-
Parthenium day	01	79	-	79
World Food Day	-	-	-	-
Women in Agriculture day	-	-	-	-
Kissan day	-	-	-	-
Awareness Camps	**10**	395	**10**	**405**
Total	**420**	**3772**	**1054**	**3926**

Details of other extension programmes

Particulars	*Number*
Electronic Media	-
Extension Literature	06
News Letter	-
News paper coverage	27
Technical Articles	17
Technical Bulletins	-
Technical Reports	04
Radio Talks	-

TV Talks	-
Animal health camps (Number of animals treated)	83
Others (pl.specify)	-
Total	**137**

PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

Crop category	*Name of the crop*	*Name of the variety (if hybrid pl. specify)*	*Quantity of seed (q)*	*Value (Rs)*	*Number of farmers*
Cereals	Wheat	VL-829	3.75	10000	-
Oilseeds	Toria	RSPT-01	1.25	4000	-
Pulses	Black gram	Uttara	0.95	6000	-
Commercial crops	-	-	-	-	-
Vegetables	-	-	-	-	-
Flower crops	-	-	-	-	-
Spices	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-
Fiber crops	-	-	-	-	-
Forest Species	-	-	-	-	-
Others	-	-	-	-	-
Total	-	-	**5.95**	**20000**	-

Production of planting materials by the KVKs

Crop category	*Name of the crop*	*Name of the variety (if hybrid pl. specify)*	*Number*	*Value (Rs.)*	*Number of farmers*
Commercial	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-
Fruits	-	-	-	-	-
Ornamental plants	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-
Plantation	-	-	-	-	-
Spices	-	-	-	-	-
Tuber	-	-	-	-	-
Fodder crop saplings	Napier Setaria	-	650 650	1300	55
Forest Species	-	-	-	-	-
Others	-	-	-	-	-
Total					

Production of Bio-Products

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

Production of livestock and related enterprise materials

Particulars of Live stock	*Name of the breed*	*Number*	*Value (Rs.)*	*No. of Farmers*
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

Samples	*No. of Samples*	*No. of Farmers*	*No. of Villages*	*Amount realized (Rs.)*
Soil				
Water				
Plant				
Manure				
Others (pl.specify)				
Total				

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted: **1 no (08-01-2014)**

IX. NEWSLETTER

X. RESEARCH PAPER PUBLISHED

Number of research paper published : **8no**

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

Activities conducted				
No. of Training programmes	*No. of Demonstration s*	*No. of plant materials produced*	*Visit by farmers (No.)*	*Visit by officials (No.)*

----------XXXXXXX----------

ANNEXURE-A

PROCEEDINGS OF 7th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KRISHI VIGYAN KENDRA, RAJOURI.

The seventh Scientific Advisory Committee (SAC) meeting of KrishiVigyan Kendra, SKUAST-J, Rajouriwasorganized on 8th January 2014 at Dak Bungalow, Rajouri.The meeting was chaired by Dr. K.S. Risam, Director Extension, SKUAST-Jammu and was attended by Dr. A.K. Sharma, Associate Director RARS, Rajouri, besides various district officers of Agriculture, Horticulture, Animal Husbandry, Lead Bank, NABARD and other line departments,Progressive farmer and farm women members, Programme Coordinator and subject matter specialists of KVK and scientists of RARS Rajouri.

At the onset, Dr. VikasTandon, Member Secretary of the Scientific Advisory Committee welcomed the chairman and other members and presented the detailed progress report of KVK Rajouri from May2012 to January 2014 and also presented proposed Annual Action plan for the year 2014-15. He appraised the house that KVK has extended its activities in whole of the district.

Agenda item 1: Confirmation Approval of proceedings of 6th SAC meeting held on 14th May 2012.

The proceedings of 6th SAC meeting were circulated among all the members of SAC KVK-Rajouri vide this office No.AUJ/KVK/Raj/2012-13/559-76 dated 10/10/2012 and the same were confirmed by the house.

Agenda item 2: Action taken report of 6th SAC meeting held on 14th May 2012.

Action taken on the recommendations of the members of SAC during 6th SAC meeting were presented by the Programme Coordinator before the house . It was reported that the action regarding supply of 2000 no's of one month old chicks by Chief Animal Husbandry Rajouri was still pending. In above central Programme Coordinator was suggested to deposit money with Directorate at of Poultry production for getting chicks for conducting FLD,s More over Chairman also desired for establishment of Brooding facility at KVK Rajouri in Collaboration with Assistant manager Poultry Rajouri.

(Action:Programme Coordinator KVK Rajouri and Chief Animal Husbandry Officer, Rajouri)

The Chairman also directed the Programme coordinator to formulate a committee for purchase Of Kangani bucks involving officers from sheep husbandry and Rajouri for the conduct of FLD,s on bucks by KVK Rajouri

(Action: Programme Coordinator KVK Rajouri)

Regarding action taken on conduct of training programme on "Canopy management in slight density Apple orchards" by KVK Rajouri,District Horticulture officer requested for conduct of above mentioned training programme at village Phalni in collaboration with the department.

(Action: Programme Coordinator KVK, Rajouri)

The chairman of 7th SAC meeting Dr.K.S.Risam also requested the Associated Director research RARS, Rajouri to test newly released hybrids of Maize of SKUAST-K for suitability under Rajouri conditions.

(Action: Associate Director Research, Rajouri)

Agenda item 3: Progress reportof KVK, Rajouri

Dr. VikasTandon, Programme Coordinator, KVK, Rajouri presented the progress report of KVK, Rajouri w.e.f. 15th may 2012 to 07th January 2014 before the members of Scientific Advisory committee.

Agenda item 4: Presentation of Action Plan 2014-15.

The annual action plan of KVK Rajouri for the year4 2014-15 was presented before the house and necessary suggestion were sought for incorporation in the plan.

The Chairman directed to conduct at least three to four training programme on training and of fruit crops for orchardists. Dr .K.S. Risam (Director Extension SKUAST-J) also suggested for incorporation of training programme on canopy management of temperate fruits for departmental officers as well as farmers. He also requesteddistrict horticulture officer Rajouri to ensure the participation of departmental officials above said training programme.

(Action: Programme Coordinator, KVK Rajouri and Chief Horticulture Officer Rajouri)

The District Horticulture Officer, Rajouri requestedto conduct training programme on Integrated pest management in Citrus, Mango and stone fruits for the farmers. The Chairman directed the Programme Coordinator to conduct the said training programme involving resource persons from RARS, Rajouri.

(Action: Programme Coordinator, KVK Rajouri & Associate Director Research, RARS, Rajouri)

Regarding action plan onAgro forestry, The Chairman suggested to conduct more trainings and demonstration for increased adoption of medicinal and aromatic plants in Rajouri.

(Action: SMS Agro forestry, KVK Rajouri)

Dr.K.S. Risam, Director Extension,SKUAST-J suggested to conduct a vocational training programme on poultry for rural youth of the district in collaboration with Animal Husbandry department.

(Action: KVK Rajouri and Chief Animal Husbandry Officer, Rajouri)

With regard to the action plan an Plant Protection, Chairman desired to change the farmers training onSafe Storage of Grains and directed to conduct the said training for officers of line department.

(Action:Programme Coordinator KVK Rajouri)

Agenda item 5: Financial Expenditure for the year 2012-13

Programme coordinator Dr.VikasTandon, placed the financial expenditure/ position of KVK Rajouri for the year 2012-13 before the house.

Agenda item 6: Any other item with the permission of chair.

The Chairman is his concluding remarks expressed satisfaction and appreciated the working of KVK, Rajouri. He also appreciated the cooperation between the KVK and different allied departments. In order to improve the status of the farmers of the district, the chairman suggested to adopt one village per block representing all the agro climatic conditions of the district and directed the Programme Coordinator, KVK Rajouri to prepare the Annual Action plan accordingly.

He further suggested to document the traditional farmers practices and conduct need assessments and PRA's of the selected villages with more stress as secondary agriculture.

(Action: Programme Coordinator KVK Rajouri)

The Chairman further directed to conduct on farm trails on Crop Production and in this regard Programme Coordinator was directed to involve Agronomy scientists from RARS, Rajouri .

(Action: Associate Director Research, RARS, Rajouri)

Chairman also stressed that there should be more media coverage and wider publicity and programmed of the activities conducted by the KVK, Rajouri in the district**.**

(Action: Programme Coordinator KVK Rajouri)

The proceedings of the meeting were conducted by Dr. PunitChoudhary, SMS Agro Forestry and the meeting concluded with vote of thanks by Dr. Rakesh Sharma SMS, Agricultural Extension, of KVK Rajouri.

List of participants of 7th SAC member held on 08/01/2014

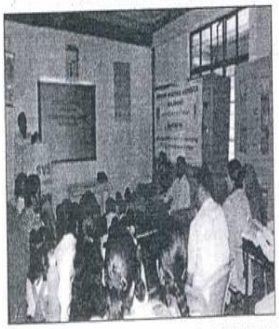
S.No	Name of the member	Designation / Department
1.	Dr.K.S. Risam	Director Extension, SKUAST- Jammu
2.	Dr.A.K. Sharma	Associate Director Research, RARS, Rajouri
3.	Dr. VikasTandon	Member secretary/Programme Coordinator, KVK, Rajouri
4.	Sh. Vinod Ganjoo	DAO(Extension) Rajouri
5.	Sh.Mohd Iqbal mailk	Distt. Horticulture officer Rajouri
6.	Sh. Des Raj	District Development Manager-NABRAD
7.	Sh. R.K. Kotwal	District Level SMS, Horticulture Rajouri
8.	Sh. Avtar Singh	Subject Matter Specialist (DL) Rajouri
9.	Dr. Javed Iqbal	VAS(Sheep Husbandry) Deptt. Rajouri
10.	Sh. Gulzar Ahmed	Range Officer (SF) Rajouri
11.	Dr.VikrantHansa	A.M.P/A.H Deptt. Rajouri
12.	Sh. Raju Gupta	Livestock Breeding Officer, Rajouri
13.	Sh. Ram Krishan	Head Asstt. Social welfare office , Rajouri
14.	Sh. Lukman Ahmed	Fisheries Executive officer Rajouri
15.	S. Girdhara Singh	(Progressive Farmer)
16.	Mrs. Pushpa Devi	(Progressive Women Farmer)
17.	Sh. P.D.Sharma	(Progressive Farmer)
18.	Sh. Daleep Singh	(Progressive Farmer)
19.	Mrs.Lalita Sharma	(Progressive Women Farmer)
20.	Sh. AsgarQazi	(Progressive Farmer)
21.	Mrs. Shaida Akhter	(Progressive women Farmer)
22.	Sh. Deepak kumar	(Progressive Farmer)
23.	Dr. PunitChoudhary	SMS, KVK, Rajouri
24.	Dr. Rakesh Sharma	SMS, KVK, Rajouri
25.	Dr. Kamlesh Bali	Jr. Scientist RARS, Rajouri
26.	Dr.Vikas Sharma	Jr. Scientist RARS, Rajouri
27.	Dr. NarinderPanotra	Jr. Scientist RARS, Rajouri
28.	Dr.Veena Sharma	TO (meteorology) RARS, Rajouri
29.	Sh. JoytiParkesh	Farm Manager
30.	Sh. Tariq Hussain	Computer Asstt. KVK Rajouri

ANNEXURE-B
Press Releases

KVK RAJOURI IN NEWS

JAMMU SUNDAY, AUGUST 25, 2013, PAGE 3

SKUAST-Jammu organizes prog o Parthenium management



SOF Staff Reporter
MMU, August 24:

Krishi Vigyan Kendra, Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu and under the auspices of Directorate of Extension Education, SKUAST-J management at SVS Degree College for Woman's, Rajouri. Programme was attended by more than seventy five students and college faculty. During the inauguration of programme, Dr. Vikas Tandon, Programme Coordinator, KVK Rajouri addressed the audience about the importance of eradication of

While addressing the students and faculty Dr Tandon briefed them that such programmes are being celebrated throughout the country for generating awareness, improving health of crop as well as upliftment of the farming community.

Dr. Punit Choudhary (SMS Agroforestry) guided the student about the precautionary measures to be taken during the eradication of Parthenium weed and its utilization in the form of compost for agricultural use. Dr. Vikas Sharma (Jr. Scientist RARS, Rajouri) presented on the aspect representing the control measure to be adopted for eradication of gajar grass from the community as well as farm land. Er A K Sinha (SMS, Agriculture Engineering) laid stress on adoption of suitable techniques for adoption of sustainable agricul-

Degree College under the l ship of Prof. R P Si (Principal) viz., Miss. Jasv Mrs. Shilpa Mahajan, K Nishu also presented thei about the Parthenium gra its management. Student college participated in the on the same topic. Th gramme concluded with thanks presented by Pr Sharma (Principal) and r ed the SKUAST-J Scienti ganize more such progr so that the student's rem touch with the latest activ lated to agriculture an sectors.

Others who assis smooth conduct of t gramme include Dr. K Y Deshpande (SMS Animal Science), Amit mahajan (Programme assistant Trainings), Jyoti Prakash (Programme assistant farm) and

Awareness programme on parthenium management by SKUAST-J

2 STATE TIMES • Sunday • August 25, 2013

STATE TIMES NEWS

RAJOURI : Krishi Vigyan Kendra (KVK), Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu and under the auspices of Directorate of Extension Education, SKUAST-J organised awareness programme on parthenium weed management at SVS Degree College for Women, Rajouri.

Programme was attended by more than seventy five students and college faculty. During the inauguration of programme, Dr. Vikas Tandon, Programme Coordinator, KVK Rajouri addressed the audience about the importance of eradication of parthenium weed from agriculture farm and community lands.

While addressing the students and faculty Dr Tandon briefed them that such programmes are being celebrated throughout the country for generating awareness, improving health of crop as well as uplift of the farming community.

Dr. Punit Choudhary (SMS Agroforestry) guided the students about the precautionary measures to be taken during the eradication of parthenium weed and its utilisation in the form of compost for agricultural use. Dr. Vikas Sharma (Jr. Scientist RARS, Rajouri) presented on the aspect of contr be adopted for Gajar grass fro nity as well as SMS, Engineering E laid stress on suitable techni tion of sustain ture for enha production. St Women Degree the leadership

Sharma (Principal) viz., Jasvinder, Shilpa Mahajan, Kumati Nishu also presented their view about the parthenium grass and its management.

Students from college participated in the debate on the same topic. The programme concluded with vote of thanks presented by Principal Prof. R.P Sharma and requested the SKUAST-J scientists to organise more such programmes so that the students remain in touch with the lat

DAILY EXCELSIOR, JAMMU

KVK organises 7th Scientific Advisory Committee meet

Excelsior Correspondent

RAJOURI, Jan 8: Krishi gyan Kendra (KVK) under er-e-Kashmir University of gricultural Sciences and chnology-Jammu (SKUAST-J) gained 7th Scientific Advisory

Extension SKUAST-J made critical evaluation of the progress being made by the KVK. He stressed upon the cluster approach in executing KVK activities so that the impact can be visualized. He stressed that KVK must be more visible through its activities.

He emphasized that one village in almost each block may be identified where all efforts of KVK must be incorporated to get some measurable impact.

Dr AK Sharma, Associate Director Research gave valuable suggestions of incorporating latest

दैनिक जागरण जम्मू, 9 जनवरी 2014

एक नजर

विज्ञान सलाहकार समिति की बैठक में प्रगति कार्य पर चर्चा

जम्मू : कृषि विज्ञान केंद्र (केवीके) राजौरी की सातवीं विज्ञान सलाहकार समिति की बुधवार को बैठक हुई जिसमें शेर-ए-कश्मीर यूनिवर्सिटी ऑफ एग्रीकल्चर साइंसेज एंड टेक्नोलॉजी (स्कॉस्ट) के डायरेक्टर एक्सटेंशन डॉ. केएस रिस्म मुख्य अतिथि थे। बैठक के दौरान डॉ. विकास टंडन कार्यक्रम संयोजक केवीके राजौरी ने सदस्यों का स्वागत किया। इसमें जिला स्तर के अधिकारी, गैर सरकारी संस्थाओं के प्रतिनिधि व किसान शामिल हैं। मौके पर पावर प्वाइंट के जरिए 2013-14 की प्रगति का विवरण दिया गया व 2014-15 के प्रस्तावों पर चर्चा की गई। डॉ. रिस्म, डायरेक्टर एक्सटेंशन, स्कास्ट ने पिछले कार्यक्रमों की समीक्षा की। उन्होंने कहा कि केवीके की गतिविधियों को और ज्यादा बढ़ाया जाए, ताकि ग्रामीणों को इसका लाभ हो सके। डॉ. एके शर्मा, एसोसिएट डायरेक्टर रिसर्च ने कुछ महत्वपूर्ण सुझाव दिए। डॉ. पुनीत चौधरी, विनोद गंजू, जिला बागवानी अधिकारी मुहम्मद इकबाल, डॉ. राकेश शर्मा ने भी विचार रखे।

4 STATE TIMES • Thursday • August 22, 2013

KVK organises farmers training programme

STATE TIMES NEWS

RAJOURI: Krishi Vigyan Kendra (KVK), Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu and under the auspices of Directorate of Extension, SKUAST-J organised a farmer's training programme on 'Hay and Silage Making Techniques for Fodder conservation' at Lower Dodaj-A Panchayat of Darhal Block.

At the beginning of programme, Subject Matter Specialist (Animal Sciences), KVK, Rajouri Dr. K.Y. Deshpande briefed the farmers about role of KVK in uplift of farmers. Thereafter, he addressed the various issues to be covered under the main theme of programme. The farmers were also educated about various important aspects like animal health, breed and nutrition to be taken care of for profitable dairy production. Dr. Deshpande stressed that fodder conservation in this season will help the farmers during lean season for sustenance of their dairy animals. He also apprised them about feed/fodder improvement technique like 4 per cent urea treatment of paddy/wheat straw to improve nutritive value and digestibility.

The farmers also sought guidance about common problems in dairy animals like repeat breeding anoestrus and parasitism which were addressed in details by the expert.

The Panchs and Sarpanch Ghulam Rasool Malik thanked Dr. Deshpande for the valuable guidance on fodder conservation as well as profitable dairy production. The villagers also thanked Dr. Vikas Tandon, Programme Coordinator, KVK Rajouri for organising such a needed programme in their village and sought many such innovative programmes to be organised in their village in future. The programme came to end with vote of thanks presented by Jyoti Prakash Programme Assistant (Farm) KVK Rajouri.

4 STATE TIMES • Thursday • January 23, 2014

Training on medicinal and aromatic crops in mid-hills

STATE TIMES NEWS

RAJOURI: Krishi Vigyan Kendra, Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu and auspices of Directorate of Extension, SKUAST-J organised an In-service training programme on 'Cultivation of Medicinal and Aromatic Plants Under Integrated Land Use' at KVK Rajouri for officers of the line departments.

The training was attended by block, sub divisional and district level officers of Agriculture and Forest Departments.

On the onset of training programme, SMS Agricultural Extension KVK, Rajouri, Dr. Rakesh Sharma briefed the participants about the scope and scenario of cultivation of medicinal and aromatic plants in the hilly district.

During the interactive sessions, SMS, Agroforestry, Dr. Punit Choudhary deliberated upon the 'Medicinal and Aromatic plants under integrated land use system'.

Junior Scientist Entomology, RARS, Dr. Kamlesh Bali briefed the participants about 'Application of bio-pesticides for the management of insects-pests of medicinal and aromatic plants'.

Junior Scientist Agronomy, RARS, Dr. Vikas Sharma briefed about 'Agro-techniques of different medicinal plants'.

Others who participated inelude Jyoti Prakash and Tariq Hussain of KVK, Rajouri.

Speaker imparting training to gathering.

ोरी पुंछ

औषधीय पौधे बदल सकते हैं किसानों की तकदीर

राजौरी (ब्यूरो)। कृषि विज्ञान केंद्र राजौरी द्वारा शेर कश्मीर कृषि एवं तकनीकी विज्ञान विश्वविद्यालय के सहयोग से बुधवार को एक ट्रेनिंग प्रोग्राम आयोजित किया गया। प्रोग्राम में कृषि एवं वन विभाग के अधिकारियों ने शिरकत की। इसमें उन्हें औषधीय एवं सुगंधित पेड़ पौधों की खेतीबाड़ी की ट्रेनिंग दी गई। एग्रीकल्चर एक्सटेंशन के एसएमएस अधिकारी राकेश शर्मा ने अधिकारियों को बताया कि राजौरी जैसे पहाड़ी इलाकों इनकी खेतीबाड़ी का कितना लाभ है। कैसे इसकी खेती से आर्थिक स्थिति को मजबूत किया जा सकता है आदि बातों की जानकारी को किसानों तक पहुंचाएं। इससे किसान अपनी तकदीर बदल सकते हैं विभाग के लिए भी यह मुनाफे की बात होगी। एग्रो फॉरेस्ट्री विभाग के पुनित चौधरी ने बताया कि जंगलों में कई तरह के सुगंधित औ औषियुक्त पेड़ पौधे लगे हुए हैं, जिनके बारे में किसी को पता ही नहीं

KVK RAJOURI IN NEWS

KVK Rajouri distributes Vanraja poultry breed

OBSERVER BUREAU
RAJOURI, APRIL 10

Krishi Vigyan Kendra (KVK), Rajouri under the ageing of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu on the directions of Directorate of Extension distributed Vanraja breed of poultry in Fatehpur village of district Rajouri. Programme Coordinator KVK, Rajouri Dr. Sanjay Khar, informed the poultry farmers that this breed is a backyard poultry bird and has the potential to increase poultry production with minimal effort and care impart training for rearing of this backyard poultry breed. Dr. K.Y.Despande, SMS, Animal Sciences imparted knowledge on various aspects of poultry husbandry farming during the awareness-cum-training programme .Dr. Rakesh Sharma SMS, Agricultural Extension, laid emphasis on qualities of vanraja breed viz-a-viz other breeds. Dr. Punit Choudhary (SMS, Agro-forestry) stressed upon the farmers to carry it on a larger commercial scale. After the awareness-cum-training programme, the farmers were provided ten chicks to each beneficiery. Forty

Farmers training camp organised

STATE TIMES NEWS

MANJAKOTE : A farmers' training camp was organised at Manjakote village to educate farmers about importance of improved agricultural technologies and related benefits by Krishi Vigyan Kendra (KVK), Rajouri, a contingent unit of SKUAST-Jammu.

Around 30 farmers from nearby villages attended the programme. The concept was to make the farmers aware of the importance of use of implements like No liners, drill for ur cost impetus entional how farmers can work smartly by reducing their inputs. He apprised the farmers that all the aforesaid implements are present at KVK farm Rajouri and farmers can visit our farm to see the demonstrations.

Expert from Veterinary Science, of KVK Rajouri Dr. Deshpande apprised farmers the various diseases prevalent in cattle, buffalo, sheep and goats of Manjakote block.

He also guided farmers about how to efficiently use available feed resources and raise the income. Farmers also came with clinical cases of ailing ruminant stocks, to which on spot treatment was suggested by Dr

In service training prog. on 'improving fodder production' held

Rajouri:- Krishi Vigyan Kendra, Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu and under the auspices of Directorate of Extension, SKUAST-J organized an In-service training programme on "Improved fodder production for overcoming fodder scarcity" at KVK Rajouri for officers of the line departments.

The training was attended by twenty four block level, sub divisional level and district level officers of Agriculture, Animal Husbandry and Sheep Husbandry.

On the onset of training programme, Dr. Punit Choudhary Subject Matter Specialist (Agroforestry) KVK, Rajouri formally welcomed the officers to this programme and informed the participants that conducting in-service training programme is one of the mandates of the KVK. During the interactive sessions, Dr. K.Y. Deshpande, SMS (Animal Science) delivered lectures on "Feed-Fodder Security for sustainable Animal Production". He apprised the officers about current scenario of fodder production in India and the immediate need of interventions to increase green fodder production to sustain elite animal population and thereby raise the animal production. In another session Dr. Punit Choudhary (SMS, Agroforestry) emphasized on the importance of various fodder species those can be introduced in Rajouri district and would be cultivated in field boundaries, fallow lands and bunds of field.

KVK training to develop entrepreneurial skills

STATE TIMES NEWS

RAJOURI : Krishi Vigyan Kendra (KVK), Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu and under the auspices of Directorate of Extension, SKUAST-J organised training programme on Developing entrepreneurial skills among rural youth'.

In all 29 farmers from different villages of block Kalakote namely Argi, Dhalori, Bal jarralian, Dangri, Potha, Jigni and Sailsui participated in the programme.

Programme Coordinator KVK, Rajouri Dr. Sanjay Khar informed the participants that conducting vocational training programme is one of the mandates of the KVK.

Subject Matter Specialist (SMS), Agricultural Extension Dr. Rakesh Sharma informed the trainees that before choosing any enterprise, firsthand knowledge and technical skills is a pre-requite for the particular enterprise. Jr. Scientist Entomology Dr. Kamlesh Bali delivered lecture on 'Apiculture as a viable income generating enterprise'.

SMS Agroforestry, Dr. Punit Choudhary made the trainees aware about the adoption of cultivation of medicinal and aromatic plants for sustainable source of livelihood.

During the training programme the trainees were also guided about the establishment of mushroom and Dhingri cultivation as income generating units by Dr. A.K Singh. DDM NABARD Desh Raj also threw light on the different schemes of NABARD for the farming community. Dr. Rakesh Sharma Subject Matter Specialist (Agricultural Extension), KVK, Rajouri presented vote of thanks. Others who participated for the smooth conduct of the training programmes include Er. Pankaj Sharma, Tariq Hussain, Jyoti Prakash and Amit Mahajan of KVK Rajouri.

अमर उजाला

जम्मू | बीरवार | 20 फरवरी 2014

न्यूज डायरी

पौधों के संरक्षण के बारे में जागरूक किया

राजौरी। राष्ट्रीय कृषि और ग्रामीण विकास बैंक द्वारा पौधों के संरक्षण के बारे एक जागरूकता शिविर का आयोजन किया गया। इस अवसर पर किसानों को कई महत्वपूर्ण जानकारियां दी गईं। गोष्ठी में बताया कि किसानों का अधिकार है कि वह पौधों का संरक्षण कर कृषि विकास में तेजी लाने के लिए प्रयास करें। बीज उद्योग को बढ़ावा देकर किसानों को उच्च गुणवत्ता के बीज और रोपण के बारे में जानकारी दी गई।

STATE TIMES • Tuesday • April 9, 2013

Farmers Field Day by KVK

STATE TIMES NEWS

RAJOURI: Krishi Vigyan Kendra (KVK), Rajouri under the aegis of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu and under the auspices of Directorate of Extension, SKUAST-J organised Farmers Field Day on oilseed crop at village Bakhar Sunderbani. SMS Agricultural Extension, KVK, Rajouri Dr. Rakesh Sharma underlined that field days are organised with an objective to acquaint the farmers with the results of front line demonstrations laid in their villages. Programme Coordinator, KVK Rajouri Dr. Sanjay Khar briefed the farmers about the importance of conducting such types of activities.

He also emphasised that these types of activities provide platform to farmers to share their experiences. The farmers present in the field day discussed in detail the problems they face in cultivation of oilseed crops. Farmers' queries with respect to insect pest management were addressed by Dr. Kamlesh Bali, Jr. Scientist, RARS, Rajouri. Vote of thanks was presented by Dr. Puneet Choudhary SMS Agroforestry KVK, Rajouri. Amit Mahajan Programme Assistant (Trainings) helped in the smooth conduct of the field day.

राजौरी पुंछ

मशरूम की खेती के लिए किसानों को ट्रेनिंग

अमर उजाला ब्यूरो

सेना के सहयोग से विभाग ने की पहल

राजौरी। सेना की राष्ट्रीय राइफल्स बटालियन की ओर से कालाकोट तहसील के 27 किसानों को मशरूम की खेतीबाड़ी और एपीकल्चर की ट्रेनिंग दी गई। सेना ने रिजनल एपीकल्चरल रिसर्च स्टेशन राजौरी के सहयोग से किसानों को दो दिन तक प्रशिक्षण दिया गया। इस दौरान एक सेमिनार का भी आयोजन किया गया।

दरअसल, सेना ने अर्गी में एक किसान मेला आयोजित किया था। उसके बाद यह सेमिनार आयोजित किया गया। लगातार दो दिन तक किसानों को व्यवसायिक खेतीबाड़ी के गुर सिखाए गए। डॉ. पुनीत चौधरी ने किसानों को बताया कि मशरूम की खेतीबाड़ी से वे अपनी आर्थिक स्थिति में किस हद तक सुधार ला सकते हैं। उन्होंने कहा कि मशरूम और एपीकल्चर दो ऐसी फसलें हैं, जिनको कम बजट में लगाया जा सकता है, लेकिन इनके फायदे बहुत ज्यादा होते हैं। मशरूम से किसानों को अच्छे खासे पैसे मिल सकते हैं। सिर्फ इसके लिए किसानों की मेहनत करने की आवश्यकता है। किसानों को यह भी विश्वास दिलाया कि यदि वह इसकी खेतीबाड़ी करना चाहते हैं तो विभाग की तरफ से उन्हें हर संभव मदद दी जाएगी।

سٹیٹ کونسل برائے سائنس وٹیکنالوجی کی طرف سے جانکاری کیمپ کا انعقاد

جمشید ملک / راجوری