

PROFORMA FOR ANNUAL REPORT 2015-16

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Qazi Mohra, Poonch (J&K)	01965-221796	01965-221796	kvkpoonch@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Main Campus Chatha, Jammu	0191-2262028	0191-2262028	deeskuastj@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sanjay Swami	094191-57291	094191-57291	sanjayswamionline@yahoo.com

1.4. Year of sanction: 2007

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

Sl. No.	Sanctioned post	Name of the incumbent	Age	Discipline with highest degree obt.	Pay Band & Grade Pay (Rs.)	Present basic (Rs.)	Date of joining in KVK	Permanent /Temporary	Category (SC/ST/OBC/Others)
1	Senior Scientist & Head	Dr. Sanjay Swami		Soil Science	15600 - 39100 G.P: 8000	33140	03/07/2013	Permanent	General
2	Subject Matter Specialist	Dr. Ajay Gupta		Agronomy	15600 - 39100 G.P: 7000	32730	28/10/2014	Permanent	General
3	Subject Matter Specialist	vacant		-	15600 - 39100 G.P: 6000	-			
4	Subject Matter Specialist	vacant		-	15600 - 39100 G.P: 6000	-			
5	Subject Matter Specialist	Dr. Muzaffar Mir		Fruit Science	15600 -	21630	01/07/2014	Permanent	General

					39100 G.P: 5400				
6	Subject Matter Specialist	Dr. Muneeshwar Sharma		Plant Protection	15600 - 39100 G.P: 5400	21630	02/07/2014	Permanent	General
7	Subject Matter Specialist	Vacant							
8	Programme Assistant	Sh. S.S. Jamwal		Horticulture	9300- 34800 G.P: 4200	16630	14/08/2008	Permanent	General
9	Programme Assistant	Sh. Mohd. Qasim		Computer Sciences	9300- 34800 G.P: 4200	14780	03/06/2012	Permanent	S.T.
10	Farm Manager	Sh. Mushtaq Ahmad Guroo		Entomology	9300- 34800 G.P: 4200	14780	03/07/2012	Permanent	General
11	Accountant / Superintendent	Sh. Darshan Kumar		-	9300- 34800 G.P: 4600	25900	11/11/2008	Permanent	General
12	Stenographer	Sh. Sahil Talgotra		-	5200- 20200 G.P: 2400	10770	30/01/2012	Permanent	General
13	Driver	Sh. Sukhwant Singh		-	9300- 34800 G.P: 4600	9190	30/07/2012	Permanent	General
14	Driver	Sh. Mohd. Aslam		-	5200- 20200 G.P: 2400	8990	23/08/2010	Permanent	General
15	Supporting staff	Sh. Suresh Kumar		-	5200- 20200 G.P: 1300	9060	23/08/2010	Permanent	S.C.
16	Supporting staff	Sh. Kewal Kishore		-	5200- 20200 G.P: 1300	6680	23/08/2010	Permanent	General

1.6. **Total land with KVK (in ha)** :

S. No.	Item	Area (ha)
1	Under Buildings	0.99
2.	Under Demonstration Units	0.01
3.	Under Crops	2.20
4.	Orchard/Agro-forestry	NIL
5.	Others (specify)	NIL

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	15.03.2011	400		2008		Completed
2.	Farmers Hostel	ICAR	15.03.2011	300		2008		Completed
3.	Staff Quarters	ICAR	15.03.2011	400		2008		Completed
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units							
	1	ICAR				2009		Completed
	2	ICAR				2009		Under Construction
	3							
	4							
5	Fencing	ICAR				2009		In-Completed
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2008	4,30,000	279.00 hours	Good
Tata Sumo	2010	5,98,973	36430 KM	Good
Motorcycle	2012	45,202	12430 KM	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer	2008	34,528.00	Good
Computer	2009	33,217.00	Good
Printer Coloured	2008	19,717.36	Good
Scanner	2008	2,600.00	Good
Sony Handycam	2008	29,900.00	Good
Song Digital Camera	2009	16,800.00	Good
Fax Machine	2009	7,000.00	Good
Laser Printer (1007hp)	2009	5,475.00	Good
LED 26"	2010-11	26,500.00	Good
DVD 5.1 channel	2010-11	1900.00	Good
Xerox Machine	2010-11	43040.00	Good
Computer	2013	41,788.00	Good
Projector	2015	33094.00	Good

Laser Printer (Brother 1201)	2015	4800.00	Good
Projector screen	2015		
Portable Public Address System	2016	24417.0	Good
Sony UPL Multi-media Projector	2016	99982.0	Good
Mridaprikshak Soil Testing Mini Lab (Solar operated)	2016	75000.0	Good
GPS Garmium USA	2016	13216.0	Good
Seed cum Fertilizer drill	2016	65500.0	Good
MB Plough	2016	42700.0	Good
Maize Planter	2016	49800.0	Good
Refrigerator	2016	24500.0	Good
Brush cutter	2016	17900.0	Good
Spray pump (battery operated)	2016	4850.0	Good
Panasonic multifunctional printer (2170)	2016	24958.0	Good
Grafting machines (02 Nos.)	2016	13900.0	Good

1.8. A). Details SAC meeting* conducted in the year 2014-15

Sl. No.	Date	Name and Designation of Participants	No. of absentees	Salient Recommendations	Action taken
1.	21st December, 2015	20	12	Attached	To be incorporated in Action Plan-2016-17

MINUTES OF 8th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KVK POONCH **ORGANIZED ON 21th DECEMBER 2015**

8th Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Poonch was organized on 21st December, 2015 in the Conference Hall of KVK, Poonch. The meeting was chaired by Dr.P. K. Sharma Hon'orable Vice- Chancellor SKUAST- Jammu, and was attended by Director Extension, SKUAST-Jammu, Director Research, SKUAST-Jammu, Associate Director Extension,SKUAST Jammu, Associate Director Research, RARS, Rajouri and district officers of Agriculture and line departments, I/C MBRSS, Poonch and progressive farmers of district Poonch. The meeting started with welcome address by Sh. Pawan Kumar Sharma, Scientist (Ag. Economics). Dr. Sanjay Swami, Member Secretary and Programme Coordinator, KVK, Poonch presented agenda items as detailed below:

Agenda Items	Title
Agenda Item - 1	Confirmation/Approval of Proceedings of 7th SAC Meeting held on 15th December 2015. Proceedings of the 7 th SAC meeting were circulated among all the members of SAC and the same were confirmed by the house.
Agenda Item - 2	Action Taken Report of 7th SAC Meeting of KVK Poonch held on 15th December 2015. Action taken on the recommendation of the members of SAC during 7 th SAC meeting was presented before the house. (Annexure-I)
Agenda Item - 3	Financial Expenditure for the year 2015-16 The financial expenditure of KVK-Poonch for the year 2015-16 was

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	presented before the house.
Agenda Item – 4	Presentation of Progress Report (15th December 2014 to 21st December, 2015) Progress report of KVK w.e.f. 15 th December 2014 to 21 st December, 2015 was presented before the house.
Agenda Item – 5	Presentation of Action plan for the year 2016-17.

While discussing the issue of Maize hybrids and composites, Vice- Chancellor, directed the I/c, MBRSS Poonch to carry forward the F1 seed of PHM12 and carry the trials of PHM12 at multilocations on farmers field (5-7 locations). Director Extension directed the programme coordinator to adopt a village for the seed production of maize and designate it as “Maize seed production village”

(Action: KVK Poonch & MBRSS, Poonch)

While discussing the issue of problems in Rajmash, Vice Chancellor directed the programme coordinator for conducting the training programmes on post harvest management of Rajmash in collaboration with Dept. of Agriculture and take the the feed –back from such training programmes. He also directed the PC to collect the local germplasm of Rajmash and send it to the Director Research for its purification and development at Baderwah station. Director Extension, SKUAST-J suggested to purchase the seeds of Rajmash from Baderwah station and distribute the same under FLD for multiplication and diversification and also adopt the same Rajmash in crop cafeteria. Assistant Soil Conservation officer suggested to adopt bush type of Rajmash for demonstration among the farmers.

(Action: KVK Poonch & Department of Agriculture)

While discussing the Moond Wheat as a more preferred feed than the Oats, vice –chancellor and Director Extension directed to compare the nutritional value and palatability of Moond wheat against Oats at its different stages like dough stage and milking stage. They also suggested to try Oat variety (DL829) as a preferred feed. Director Extension also stressed that thrust should be given on the Moond wheat cultivation not on oats and the area under this crop should be expanded as Moond wheat is a traditional variety of this region.

(Action: KVK Poonch)

Chief Horticulture Officer, Poonch requested for conducting some training programmes on horticulture especially on pruning, budding and grafting on peaconut and Walnut. He informed the house that the thrust should be given on the zonalization so that we can study the fruit crops on individual basis and also identify the lacunae as the farmers are reluctant to adopt the training programmes. Vice- chancellor and Director Extension instructed PC to expand such training programmes as desired by the Chief Horticulture Officer and also get the feed-back from such trainings and also identify the farmers who in actual are interested in such training programmes.. Director Research directed the PC to generate the planting material in Horticultural crops especially in Walnut and pecanut, in collaboration with faculty members of Division of Fruit Sciences of

SKUAST –J.He also directed to popularize trainings on grafting and budding on commercial basis in Poonch district. S.N. Khajuria suggested to study the problem of fruit size in horticultural crops.

(Action: KVK, Poonch & Department of Horticulture)

The nominee of Chief Animal husbandry Officer raised the persistent problem of phosphorus deficiency in animals in the district and asked that phosphorus rich supplements should be provided in the deficient areas. He emphasized the need for identification of reasons for phosphorus deficiencies in animal and measures to overcome the deficiency. Director Extension directed the PC to invite Dr. Raju Singh from the Faculty of Veterinary Sciences for the training on UMBB..

(Action: KVK Poonch & Department of Animal Husbandry)

Vice- Chancellor and Director Extension directed the PC that directory of progressive farmers should be put on the website and same should be expanded. He also instructed for expansion of number of progressive farmers and directed that inputs should be given to encourage new and poor farmers. Director Extension directed that the breeder seed should be given to the progressive farmers like Amrik Singh and Bansi Lal so that they can multiply it on their own farms.

(Action: KVK Poonch & Department of Agriculture)

While discussing the issue of trainings on fisheries, Vice- Chancellor directed that trainings on fish breeding should be given on hands so that the benefits can be seen practically and the training programmes on fish breeding should be organized in collaboration with the Department of Fisheries on appropriate/suitable time of fish breeding.

(Action: KVK Poonch & Department of Fisheries)

Appreciating the work and efforts of KVK and addressing to the suggestions and queries from the members, Vice - Chancellor SKUAST-J directed the PC for conducting the melas in villages particularly in the villages of progressive farmers on the topics that are relevant to the village and its adjoining areas with regard to the agriculture. He also directed the line departments to provide the topics such as diversification of agriculture, mixed farming, pulses and their post harvest management etc, to the KVK so that the same can be translated into vernacular languages along with the pictures with the aim of maximizing the benefits of farming community. He also directed the PC to gather the whole village at the time of distribution of FLDs and study the impact/feedback of FLDs and prepare the Resarch papers on the same. He also directed the PC that if any problem arises in any area and same is published in news paper, immediately shift a team of scientist to the same place without prior recommendations/approval (Emergency situation). He also directed the PC for the propagation of Pecanut and plantation of more number of perennial fodder crops on priority basis. He also directed for carrying out of site specific training programmes on seed production, plant protection and propagation etc. Applauding the work of KVK staff members, Vice- Chancellor stressed on all the participants to work neck to neck with one another so that farmers can derive the maximum benefits from such efforts.

Director Extension directed that field days should be elaborated into mini- melas, along with the allied departments and proceedings should be published in local language.

With regard to vocational trainings Director Extension directed the PC to do only such trainings for which the facility lies with KVK and allied departments and cover more and more number of school drop outs in such trainings.

The meeting ended with the vote of thanks proposed by Sh. Pawan Kumar Sharma, SMS (Ag. Economics).

List of Participants of 8th SAC Meeting of KVK, Poonch held on 21st of December 2015

S. No.	Name	Designation
1.	Dr. P.K.Sharma	Hon'ble Vice- Chancellor
2.	Dr. K.S. Risam	Director Extension
3.	Dr. J.P. Sharma	Director Research
4.	Dr. R. k. Arora	Associate Director Extension
5.	Dr. A.K. Sharma	Associate Director Research, RARS Rajouri
6.	Dr. Parveen Singh	Incharge MBRSS, Poonch
7.	Sh. Inderjit Singh	District Agriculture Officer, Ext. Poonch
8.	Sh. R.K. Koul	Chief horticulture Officer, Poonch
9.	Dr. Mohd. Ismail	Chief Animal Husbandry Officer, Poonch
10.	Dr. V.K. Bhalla	District Sheep Husbandry Officer, Poonch
11.	Representative	Assistant Soil Conservation Officer, Poonch
12.	Representative	(Information Dept.)
13.	Sh. Bashir Ahmed	District Officer, Fisheries, Poonch
14.	Representative	Lead District Manager (Lead Bank)
15.	Sh. S.N. Khajuria	Padam Shree
16.	Sh. Bansi Lal	Progressive farmer
17.	Sh. Amreek Singh	Progressive farmer
18.	Smt. Lalita Thakur	Progressive Farmer
19.	Smt. Suneet Kour	Progressive Farmer
20.	Dr. Sanjay Swami	Sr. Scientist & Head, KVK Poonch

2. DETAILS OF DISTRICT (2015-16)

Poonch is located on the Southern slopes of Pir Panjal range and as such is rugged with spurs and valleys. It lies between 33° 25' to 34°10' North latitude and 73° 58' to 74° 35' East longitude. It is bounded on the north by Baramula and Budgam district of Kashmir valley, on its west and North-West lies Pakistan Occupied Kashmir (POK). The district having population of 4.76 lacs consists of 6 tehsils, 11 blocks and 189 villages covering an area of 1674 sq. km. The climate of the district varies from Sub-tropical to temperate and receives good annual rainfall.

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

S. No	Farming system/enterprise
1	Rainfed Maize + Rajmash (Mono cropping) Maize + Rajmash + Potato Maize – Wheat Maize- Oat Fruit Crops: Apple, Pecanut, Walnut, Peach, Plum and Apricot
2	Irrigated (canal) Paddy (Monocropped) Paddy- Berseem Paddy – Wheat

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

S. No	Agro-climatic Zone	Characteristics
1	Sub-Tropical (Upto 800 m)	Plain area with water logging
	Intermediate (Lower) 800-1500m	Slopy land with problem of soil erosion
	Intermediate Higher >1500	High Hills with gully erosion
	Agro ecological situation	Characteristics
2	AES-I	Plain Topography with Thick Soil and Canal Irrigated
	AES-II	Slopy land with thin soil cover and rainfed
	AES-II	Thick growth of coniferous and deciduous forests

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Silty	Soil is silty with water logged and flood prone	N.A.
2	Sandy loam	Soil is sandy to sandy loam with salt affected in patch.	N.A.

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

S. No	Crop	Area (ha)	Production (Qtls)	Productivity (Qtls /ha)
1	Paddy	3621	10,320.0	24.00
2	Maize	23828	48,000	20.00
3	Wheat	14970	22,725	15.15
Area, Production and Productivity of major fruit crops in district. Area(Ha) and Production (M.T)				
S. No	Crop	Area (ha)	Production (MT)	Productivity (t /ha)
1	Apple	2082.00	2499.00	1.20
2	Pear	1623.00	4263.00	2.63
3	Apricot	892.00	591.00	0.66
4	Peach	607.00	670.00	1.10
5	Plum	1322.00	1194.00	0.90
6	Cherry	0.00	0.00	
7	Citrus	363.00	556.00	1.53
8	Walnut	7905.00	11032.00	1.40
9	Other Dry Fruits	287.00	7.00	0.02
10	Other fresh	1508.00	1483.00	0.98

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
April 2015	282.5	N.A.	N.A.	N.A.
May 2015	58.5	N.A.	N.A.	N.A.
June 2015	202	N.A.	N.A.	N.A.
July 2015	312.5	N.A.	N.A.	N.A.
August 2015	105.0	N.A.	N.A.	N.A.
September 2015	122.	N.A.	N.A.	N.A.
October 2015	122.5	N.A.	N.A.	N.A.
November 2015	65.0	N.A.	N.A.	N.A.
December 2015	65.0	N.A.	N.A.	N.A.
January 2016	65.0	N.A.	N.A.	N.A.
February 2016	80.0			
March 2016	310.0			
Total	1790	N.A.	N.A.	N.A.
Mean	149.16	N.A.	N.A.	N.A.

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	53432	38125 MT (Milk)	5 lts/day in 305 days
<i>Indigenous</i>	38626	13725 MT (Milk)	3 lts/day in 305 days
Buffalo	113284	45750 MT (Milk)	3 lts/day in 305 days
Sheep			
Crossbred	235300	Mutton 26.389 lakh kg Wool 6.852 lakh kg	

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<i>Indigenous</i>	172100		
Goats	164800		
Pigs	--	--	--
<i>Crossbred</i>	--	--	--
<i>Indigenous</i>	--	--	--
Rabbits	21	--	--
Poultry			
Hens			--
<i>Desi</i>			--
<i>Improved</i>	183708	72 Lakh eggs	80 eggs/layer/year
Ducks	--	--	--
Turkey and others			

Category		Area	Production	Productivity
Fish				
<i>Marine</i>		--	--	--
<i>Inland</i>	<i>Culture</i>	3.45 ha	7.78 tonnes	2.25 t/ha
	<i>capture</i>		145.8 tonnes	
Prawn		--	--	--
Scampi		--	--	--
Shrimp		--	--	--

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

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Poonch Haveli	Haveli	Madari Magnad Jhallas, Nangali, Salotri, Digwar, Bandi Chechian, Khanetar	Maize (<i>Zea mays</i>), Paddy (<i>Oryza sativa</i>), Fodder	- Low Productivity in maize and paddy - Fodder scarcity - Non availability of fertilizer at right time	- INM & IPM in Paddy and Maize - Standardization of wheat Production technology under rainfed conditions - Introduction of improved fodder varieties. - Standardization of Pulses Production technology under rainfed conditions
2	Mandi	Mandi	Sathra, Rajpura, Mandi, Loran, Saujian	Maize (<i>Zea mays</i>), Rajmash (<i>Phaseolus</i> sp.), walnut, apple & apricot	- Low Productivity in fruit crops - Attack of insect pest in rajmash under mixed cropping - Large Mono-cropped area	- INM & IPM and IDM in Maize - IPM and IDM in rajmash - Introduction of Kalazeera for Monocropped area of the block - Training & Pruning - INM in fruits
3	Surankote	Surankote, Bufliaz	Draba, Potha, Kallar,	Maize (<i>Zea mays</i>) Rajmash (<i>Phaseolus</i> sp.) Paddy (<i>Oryza sativa</i>)	- Low Productivity in maize and paddy - Large Mono-cropped area	- INM & IPM in Maize - IPM in rajmash

4	Mendhar	Mendhar	Ucchaad, Mankote	Mustard Wheat (<i>Triticum aestivum</i>)	- Problem of weed management in wheat - Use of Local varieties for oilseed	- - Standardization of wheat Production technology under rainfed conditions - Introduction of improved varieties of oilseed
5.	Balakote		Balakote	Maize (<i>Zea mays</i>)	- Low productivity in maize - Low productivity in pomegranate -	- INM & IPM in Maize - -Control of anar butterfly
6.	Mankote		Mankote	Maize Fodder	Improving the yield and quality in mustard Scarcity of fodder during winter months	- Nutrient management in mustard - Identification/Introduction of suitable fodder crops

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Agriculture	
Maize (<i>Zea mays</i>)	- Integrated Nutrient & Pest Management - Introduction of single cross hybrids
Paddy (<i>Oryza sativa</i>)	- Integrated Nutrient Management, IPM/IDM , Weed management
Wheat (<i>Triticum aestivum</i>)	- Standardization of Production technology under rainfed conditions, Weed management
Pulses Rajmash (<i>Phaseolus vulgaris</i>)	- Standardization of Production technology under rainfed conditions, High yielding improved varieties' Integrated Pest and Disease Management
Oilseeds	-Increasing area under Oilseeds
Fodder (oats)	Availability of green fodder round the year
Horticulture	
Fruits: Pear (<i>Pyrus communis</i>)	Micro Nutrient Management, Rejuvenation of Old Orchards, IPM/IDM
Plum (<i>Prunus domestica</i>),	Application of Micronutrients, Rejuvenation of Old Orchards, IPM/IDM
Apple (<i>Malus sylvestris</i>)	Promoting INM, IPM/IDM
Walnut (<i>Juglans spp.</i>)	Production of quality planting material of walnut at KVK Farm
Pecanut	Production of quality planting material of pecanut at KVK farm
Strawberry	Runner production of different varieties at KVK farm.
Animal Husbandry	
Cow, Buffalo, Sheep, Goat	Disease Management in Sheep & Goat

3. TECHNICAL ACHIEVEMENTS

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

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises,)			
1				2			
Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
06	08	30	38	40.0 ha	54.0 ha	200	289

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers		39		761				
Rural youth		06		126				
Extn. Functionaries		06		100				

Seed Production (Qtl.) TLS		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
18	24.0		

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

3.B. Abstract of interventions undertaken

S. No	Thrust area	Crop/Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
1	Crop Production Production Technology	Maize	Low Productivity due low to yielding varieties	1.Evaluation of hybrids in maize	Introduction of High yielding SCHs	02	-	-	01	5.00	-	-	-	-
				2.Evaluation of SKUAS T-J Composite PMSY-3										

				3.Evaluation of of SKUAS T-J Composite PMSW-4									
		Paddy	Low Productivity due to traditional varieties		-	01	-	-		0.90	-	-	-
		Wheat	Low Productivity due to traditional varieties		Use of quality seed in wheat	02	01	-	01	2.60	-	-	-
		Oilseeds (Mustard & Gobi Sarson)	-	-	-	01	-	01	-	0.10	-	-	-
		Pulses	-	-	-	01	-	-	-	-	-	-	-
		Millets	-	-	-	-	-	01	-	-	-	-	-
		Fodder Oats	-Scarcity of fodder - Monocropping	Evaluation of promising Fodder varieties	-	01	-	-	-	19.70	-	-	-
		Organic Inputs	-	-	-	01	-	-	-	-	-	-	-
2	Horticulture			-	-	-	-	-	-	-	-	-	-
	INM	Fruits	-	1.Integrated Nutrient management in Apple 2.Integrated Nutrient management in Plum	-	-	-	01					

	Value Addition	-	-	-	-	-	02	-	-	-	-	-	-	-
	Propagation Techniques	-	-	-	-	06	01	-	-	-	-	-	-	-
	Training and Pruning	-	-	-	-	06	-	-	-	-	-	-	-	-
	Lay out and Management of orchards	-	-	-	-	02	-	-	-	-	-	-	-	-
	Nursery Techniques	-	-	-	-	02	-	-	-	-	-	-	-	-
3	Plant Protection													
	IPM & IDM	Cereals, Pulses and Vegetables	Low production due to incidence of Insect Pest and Diseases	-	-	01	-	03	-	-	-	-	-	-
		Apple	Low production due to incidence of Insect Pest and Diseases	-	-	01	-	-	-	-	-	-	-	-
		Peanut	Low production due to incidence of Insect Pest and Diseases	-	-	01	-	-	-	-	-	-	-	-
		Vegetables	Low production due to incidence of Insect Pest and Diseases	-	-	02	-	-	-	-	-	-	-	-
		Maize + Rajmash	Low production due to incidence of cutworm	Management of cut worm in maize+rajmash under mixed cropping	Integrate d Disease management of anthracnose in Rajmash	01	-	-	-	-	-	-	-	-

	Paddy	Low production due to incidence Diseases	Management of sheath blight in paddy	-	01	-	-	-	-	-	-	-	-	-
	Wheat	Low production due to incidence of Insect Pest and Diseases	-	-	01	-	-	-	-	-	-	-	-	-
	Stored Grains	post harvest loss due to insect pests	-	-	01	-	-	-	-	-	-	-	-	-
	Seed Treatment	To reduce the losses due to attack of Insect Pest and Diseases on seed	-	-	01	-	-	-	-	-	-	-	-	-
	Bee Keeping	-	-	-	-	01	-	-	-	-	-	-	-	-
	Mushroom Cultivation	-	-	-	-	01	-	-	-	-	-	-	-	-
4.	Ag. Economics													
	Horticulture crops	-	Marketing problem	-	01	-	-	-	-	-	-	-	-	-
	Horticulture crops	-	Marketing problem	-	01	-	-	-	-	-	-	-	-	-
5.	Ag. Extension													
	Awareness programme	-	Awareness of Kissan Credit Card	-	01	-	-	-	-	-	-	-	-	-
	Income generation activities	-	School dropouts self employment	-	01	-	-	-	-	-	-	-	-	-
	Total	-	-	-	39	06	06	02	28.30	-	-	-	-	-

3.1 Achievements on technologies assessed and refined

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	04	-	-	-	-	-	-	-	-	04
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	02	-	-	-	02
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	01	-	-	-	-	-	-	01
Integrated Disease Management	01	-	-	-	-	-	-	-	-	01
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	05	-	01	-	-	02	-	-	-	08

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

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	04	-	-	-	-	-	-	-	-	04
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-

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Integrated Nutrient Management	-	-	-	-	-	02	-	-	-	02
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	01	-	-	-	-	-	-	01
Integrated Disease Management	01	-	-	-	-	-	-	-	-	01
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	05	-	01	-	-	02	-	-	-	08

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

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

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

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

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

3.2. Achievements on technologies Assessed and Refined

3.2.1. Technologies Assessed under various Crops

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>Number of farmers</i>	<i>Area in ha (Per trail covering all the Technological Options)</i>
Integrated Nutrient Management	Apple	Integrated Nutrient management in Apple	05	05	
	Plum	Integrated Nutrient management in Plum	05	05	
Varietal Evaluation	Maize	Evaluation of Maize hybrids	05	05	0.3
		Evaluation of SKUAST-J Composite PMSY-3	05	05	0.3
		Evaluation of of SKUAST-J Composite PMSW-4	03	03	0.2
	Oats	Evaluation of promising Fodder varieties	04	04	0.15
Integrated Pest Management	Rajmash	Management of cutworm in Maize + Rajmash under mixed cropping	05	05	0.15
Integrated Crop Management					
Integrated Disease Management	Paddy	Management of sheath blight in paddy	05	05	0.15
Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Weed Management	-	-	-	-	-
	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-
	-	-	-	-	-
Farm Machineries	-	-	-	-	-
	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-
Seed / Plant production	-	-	-	-	-
	-	-	-	-	-
Value addition	-	-	-	-	-
	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
	-	-	-	-	-
Storage Technique	-	-	-	-	-
	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
	-	-	-	-	-
Total	-	-	-	-	-

3.2.2. Technologies Refined under various Crops

<i>Thematic areas</i>	<i>Crop</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>Number of farmers</i>	<i>Area in ha (Per trail covering all the Technological Options)</i>
Integrated Nutrient Management	Apple	Integrated nutrient management in apple	05	05	
	Plum	Integrated nutrient management in Plum	05	05	
Varietal Evaluation	Maize	Evaluation of Maize hybrids	5	5	1.2
	Maize	Evaluation of SKUAST Composite PMSY-3	5	5	1.5
	Maize	Evaluation of SKUAST Composite PMSW-4	3	3	0.5
	Oats	Evaluation of high yielding variety in Oats	4	4	0.80
Integrated Crop Management	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Integrated Disease and Pest Management	Paddy	Management of sheath blight in paddy	05	05	0.15
	Rajmash	Management of cutworm in Maize + Rajmash under mixed cropping	05	05	0.15
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			47	47	4.30

3.2.3. Technologies assessed under Livestock and other enterprises :NIL

<i>Thematic areas</i>	<i>Name of the livestock enterprise</i>	<i>Name of the technology assessed</i>	<i>No. of trials</i>	<i>No. of farmers</i>
Evaluation of breeds	-	-	-	-
Nutrition management	-	-	-	-
Disease management	-	-	-	-

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Value addition	-	-	-	-
Production and management	-	-	-	-
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total			-	-

3.2.4. Technologies Refined under Livestock and other enterprises **NIL**

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

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

A. Technology Assessment

Trial 1

1. Title : Evaluation of maize hybrids
2. Problem diagnose/defined : Low productivity of maize due to cultivation of local varieties
3. Details of technologies selected for assessment/refinement :
Kanchan 612
Double deklab
PMH 34
4. Source of technology : PMH 34 (SKUAST-J)
5. Production system thematic area : Rainfed cereal based system (Maize-Oats)
6. Thematic area : Varietal evaluation**
7. Performance of the Technology with performance indicators : Results showed that best private hybrid gave highest yield (5880kg/ha) and B:C ratio (3.30:1) followed by SKUAST-J hybrid PMH-34 (4990kg/ha) and B:C ratio (2.80:1)
8. Final recommendation for micro level situation : SKUAST-J hybrid PMH-34 needs to be further tested and compared with white hybrids grown in area and farmers may be encouraged to PMH-34 in maize areas of Poonch
9. Constraints identified and feedback for research : Mention the specific constraints and feedback
10. Process of farmers participation and their reaction : Farmers have shown keen interest in execution and planning and evaluation of trial and they are very much satisfied with the performance of new variety. Many farmers are also interested to adopt the new variety

B). Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment		Data on the parameter		Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7		8		9	10
Maize	Rainfed	Low yield due to cultivation of varieties	Evaluation of maize hybrids			Days to tassel initiation	Avg. of weight Cob (gm)	Avg. yield/cob	Shelling %	Optimum yield /cob 235 gm was recorded from the variety Double deklab.	Farmers actively participated in the trial and were satisfied with the performance of the variety Double deklab
				05	Kanchan 612	55	235	190	81		
					Double deklab	56	287	235	81.9		
					PMH 34	53	278	226	81		

* No. of farmers

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
Kanchan 612	3880	27810	2.18:1
Double deklab	5880	54310	3.30:1
PMH 34	4990	42518	2.80:1

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

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

A. Technology Assessment

Trial 2

1. Title : Evaluation of SKUAST-J Composite PMSY-3
2. Problem diagnose/defined : Low productivity of maize due to cultivation of local varieties
3. Details of technologies selected for assessment/refinement :
 - i. Desi Pili (Farmers Practice)**
 - ii. Vijay composite
 - iii. PMSY 3
4. Source of technology : PMSY-3 (SKUAST-J yellow composite)
5. Production system thematic area : Rainfed cereal based system (Maize-wheat)
6. Thematic area : Varietal evaluation**
7. Performance of the Technology with performance indicators : Results showed that PMSY-3 recorded highest yield (4012 kg/ha), B:C ratio (2.25:1), compared to Desi Pili (1.56:1)
8. Final recommendation for micro level situation : PMSY-3 can be promoted in place of Desi Pili in MAIZE growing areas of Poonch. However, further trials need to be conducted before recommendation.
9. Constraints identified and feedback for research : Mention the specific constraints and feedback
10. Process of farmers participation and their reaction : Farmers are very much satisfied with the performance of new variety. Many farmers are also interested to adopt the new variety

B). Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment		Data on the parameter		Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7		8		9	10
Maize	Rainfed	Low yield due to cultivation of varieties	Evaluation of maize hybrids			Days to tassel initiation	Avg. of weight Cob (gm)	Avg. yield/cob	Shelling %	Optimum yield /cob 226 gm was recorded from the variety PMSY 3	Farmers actively participated in the trial and were satisfied with the performance of the variety PMSY 3
				05	Desi Pili	60	210	169	79.7		
					Vijay composite	59	240	194	81		
					PMSY 3	57	279	226	81		

* No. of farmers

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
Desi Pili	2782	13262	1.56:1
Vijay composite	3192	18694	1.79:1
PMSY 3	4012	29559	2.25:1

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

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

A. Technology Assessment

Trial 3

- 1 Title : Evaluation of SKUAST Composite PMSW-4
2. Problem diagnose/defined : Low productivity of maize due to cultivation of local varieties
3. Details of technologies selected for assessment/refinement :
 - i) Desi chiti (safed) (Farmers Practice)**
 - ii). PMSW-4
4. Source of technology : PMSW-4 (SKUAST-J white composite)
5. Production system thematic area : Rainfed cereal based system (Maize-Oat)
6. Thematic area : Varietal evaluation**
7. Performance of the Technology with performance indicators : Results showed that PMSW-4 recorded highest yield (3500 kg/ha), B:C ratio (1.97:1), compared to Desi chiti (2400 kg /ha)
8. Final recommendation for micro level situation : PMSW-4 can be promoted in place of Desi chiti in MAIZE growing areas of Poonch. However, further trials need to be conducted before recommendation.
9. Constraints identified and feedback for research : Mention the specific constraints and feedback
10. Process of farmers participation and their reaction : Farmers are very much satisfied with the performance of new variety.
Farmers are very much satisfied with the performance of new variety.

B). Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment		Data on the parameter		Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7		8		9	10
Maize	Rainfed	Low yield due to cultivation of varieties	Evaluation of maize hybrids			Days to tassel initiation	Avg. of weight Cob (gm)	Avg. yield/cob	Shelling %	Optimum yield /cob 152 gm was recorded from the variety PMSW-4	Farmers actively participated in the trial and were satisfied with the performance of the variety PMSW-4
				05	Desi Chiti	60	126	100	79.4		
					PMSW-4	57	188	152	81.0		

* No. of farmers

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
Desi chiti	2420	8465	1.36
PMSW-4	3500	22775	1.97

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

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

A. Technology Assessment

Trial4

11. Title : Evaluation of promising varieties in Oats
12. Problem diagnose/defined : Low productivity of Oats due to cultivation of Kent
13. Details of technologies selected for assessment/refinement : Variety Kent (Farmers Practice)**
Sabzaar (SKUAST-K)
Palampur-1 (CSKHPKV, Palampur recommended)
14. Source of technology : CSKHPKV, Palampur
15. Production system thematic area : Rainfed cereal based system (Maize-Oat)
16. Thematic area : Varietal evaluation**
17. Performance of the Technology with performance indicators : trial laid and yet to be harvested
18. Final recommendation for micro level situation : Palampur-1 remained green for longer duration as compared to Kent and can be promoted for fodder cultivation in Poonch District.
19. Constraints identified and feedback for research : Mention the specific constraints and feedback
20. Process of farmers participation and their reaction :

B). Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	8	9	10
Oats	Rainfed	Low yield due to cultivation of varieties	Evaluation of promising fodder varieties in Oats of temperate areas			Green Fodder Yield (qt/ha)	Optimum yield of Green Fodder 300 qt/ha was recorded from the variety Palampur-1	Farmers actively participated in the trial and were satisfied with the performance of the variety Palampur-1 for getting the optimum yield of Green Fodder
				04	Kent	255		
					Sabzaar	280		
					Palampur-1	300		

* No. of farmers

Technology Assessed	*Production per unit (single cut)	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
Kent	25500	33500	2.61
Sabzaar	28000	35800	2.77
Palampur-1	30000	39500	2.92

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

A. Technology Assessment

Trial 5

- 1) Title : Management of sheath blight in paddy
- 2) Problem diagnose/defined: Low production in paddy due to sheath blight
- 3) Details of technologies selected for assessment /refinement :
 - i. No measures (Farmers Practice)
 - ii. Seed treatment with Carbendazim 2 gm/kg + Spray of Carbendazim @ 1 gm/l
 - iii. Seed treatment with Thiram @ 2 gm/kg + Spray of Mancozeb @ 3 gm/l
- 4) Source of technology : Package of practices of SKUAST-Jammu
- 5) Production system thematic area : Irrigated rice based farming system
- 6) Thematic area : Integrated Disease Management
- 7) Performance of the Technology with performance indicators :

Results of the trial at farmers field revealed that Sheath blight of paddy can be effectively managed by the Seed treatment with Carbendazim @ 2 gm/kg and Spraying of Carbendazim @ 1 gm/l gave better results than other treatments by recording minimum per cent disease incidence (13.90) and maximum yield (38.4 q/ha).
- 8) Final recommendation for micro level situation : Seeds of paddy should be treated with Carbendazim @ 2gm/l followed by three sprays of Carbendazim @ 1 gm/l after the emergence of the disease to get the optimum yield
- 9) Constraints identified and feedback for research : Non availability of quality plant protection chemicals in local market and reliability of farmer on shopkeepers for selection of pesticides.
- 10) Process of farmers participation and their reaction : Farmers actively participated in the trial and were satisfied with the performance of chemicals and were ready to use it in the future for obtaining optimum yield.

B).Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Paddy	Irrigated	Low production in paddy due to sheath blight	Management of sheath blight in paddy		No measures (Farmers Practice)	% Disease incidence	47.55	Farmers are willing to treat the seeds of \paddy with Carbendazim followed by three sprays of Carbendazim for the effective management of Sheath blight in blight	Farmers were sowing the crop without any seed treatment and further no chemical sprays were followed for the management of the disease but after the technology refinement i.e. Seed treatment with Carbendazim 2 gm/kg + Spray of Carbendazim @ 1 gm/l they got higher returns.
				05	Seed treatment with Carbendazim 2 gm/kg + Spray of Carbendazim @ 1 gm/l		13.90		
					Seed treatment with Thiram @ 2 gm/kg + Spray of Mancozeb @ 3 gm/l		28.67		

* No. of farmers

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
No measures (Farmers Practice)	2510	22625	2.61
Seed treatment with Carbendazim 2 gm/kg + Spray of Carbendazim @ 1 gm/l	3840	39180	3.62
Seed treatment with Thiram @ 2 gm/kg + Spray of Mancozeb @ 3 gm/l	3420	33090	3.29

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

A. Technology Assessment

Trial 6

1. Title : Management of cutworm in Maize + Rajmash under mixed cropping
2. Problem diagnose/defined : Low production due to incidence of cutworm
3. Details of technologies selected for assessment/refinement:
 - i. High seed rate and no chemical measures (Farmers practice)
 - ii. Seed treatment with fipronil @ 2 ml/kg
 - iii. Soil application of carbofuran 20 kg/ha
4. Source of technology : Package of practices of SKUAST-Jammu
5. Production system thematic area : Rainfed
6. Thematic area : Integrated Pest Management
7. Performance of the Technology with performance indicators : Results of the trial at farmers field revealed that the lowest % incidence of cutworm was recorded in the treatment soil application of Carbofuran @ 20 kg/ha(08%) followed by the seed treatment with fipronil @ 2ml/kg (10%), whereas Farmers practice with no chemical measures showed maximum (33.17 %) cutworm incidence.
8. Final recommendation for micro level situation : Soil application of Carbofuran @ 20 Kg/ha is effective for the control of cutworm.
9. Constraints identified and feedback for research : Non-availability of Quality plant protection chemicals in local market.
10. Process of farmers participation and their reaction : Farmers were satisfied with the performance of new chemical and were ready to use it in the future.

B. Technology Refinement

2). Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology refined	Parameters	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
Rajmash	Rainfed	Low production due to incidence of cutworm	Management of cutworm in Maize + Rajmash under mixed cropping		High seed rate and no chemical measures (Farmers practice)	% insect incidence	33.17 %	Least insect % Incidence was recorded in the soil application of carbofuran 8 %	Farmers are willing to apply Carbofuran in soil for the effective management of cutworm in Rajmash	Farmers were sowing the crop with high seed rate but after technology refinement with low seed rate they got higher returns.
				05	Seed treatment with Fipronil		10 %			
					Soil application of Carbofuran		8 %			

* No. of farmers

Technology Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
12	13	14	15
High seed rate and no chemical measures (Farmers practice)	266	47880	2.12
Seed treatment with Fipronil	394	70920	2.86
Soil application of Carbofuran	431	76320	3.13

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

Trial 7

1. Title : Integrated nutrient Management in Apple
2. Problem diagnose/defined : Poor quality and yield due to imbalanced dose of nutrition
3. Details of technologies selected for assessment/refinement :
 - i. Imbalanced dose of Urea and FYM (Farmers practice)
 - ii. N=735 g/tree, P=450 g/tree and K=1050 g/tree
 - iii. N= (Urea=50%, VC= 30%, FYM= 20%), P (DAP=50%, VC=30%, FYM=20%), K (MoP=75%, VC=15%, FYM=10%)
4. Source of technology : SKUAST-K and Dr. YSPUHF, Solan (H.P)
5. Production system thematic area : Rainfed Horticulture based system
6. Thematic area : Integrated nutrient management
7. Performance of the Technology with performance indicators : Soil application of balanced dose of manures and fertilizers at right time improves the fruit quality of apple and also increase (55%) yield than the farmers practice.
8. Final recommendation for micro level situation : Soil application of recommended dose of manures and fertilizers may be applied in apple growing areas of Poonch. However, further trials need to be conducted before recommendation
9. Constraints identified and feedback for research :
10. Process of farmers participation and their reaction : Farmers are very much satisfied with the performance of balanced fertilizer doses and the farmers are interested to adopt the technique.

B). Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Apple	Rainfed	Poor quality and yield due to imbalanced dose of fertilizers	Integrated nutrient management in apple		Imbalanced dose of Urea & FYM(farmers practices)	Yield	37%		
				04	N=735g/tree, P=450g/tree, K=1050 g/tree		74%		
					N (urea=50%, VC=30%, FYM=20%), P (DAP=50%, VC=30%, FYM=20%), K (MoP=75%, VC=15%, FYM=10%)		83%		

* No. of farmers

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
Imbalanced dose of Urea and FYM (Farmers practice)	4.66 t/ha		
N=735 g/tree, P=450 g/tree, K=1050 g/tree	7.65 t/ha		
N (urea=50%, VC=30%, FYM=20%), P (DAP=50%, VC=30%, FYM=20%), K (MoP=75%, VC=15%, FYM=10%)	9.99 t/ha		

*Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

** Give details of the technology assessed or refined and farmer's practice

A. Technology Assessment

Trial 6

3. Title : Integrated nutrient Management in plum
4. Problem diagnose/defined : Low yield due to imbalanced dose of nutrition
3. Details of technologies selected for assessment/refinement:
FYM (20-25 kg/tree) (Farmers practice)
N=735 g/tree, P=280 g/tree and K=1080 g/tree
N= (Urea=50%, VC= 30%, FYM= 20%), P (DAP=25%, VC=50%,
FYM=25%), K (MoP=75%, VC=15%, FYM=10%)
4. Source of technology : SKUAST-K and Dr. YSPUHF, Solan (H.P)
5. Production system thematic area : Rainfed Horticulture based system of plum
6. Thematic area : Integrated nutrient management
11. Performance of the Technology
with performance indicators : Soil application of balanced dose of manures and fertilizers at right time improves the fruit quality of plum and also increase (48%) yield than the farmers practice.
12. Final recommendation for
micro level situation : Soil application of recommended dose of manures and fertilizers may be applied in plum growing areas of Poonch. However, further trials need to be conducted before recommendation
13. Constraints identified and
feedback for research :
14. Process of farmers participation
and their reaction : Farmers are very much satisfied with the performance of balanced fertilizer doses and the farmers are interested to adopt the technique.

B). Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
plum	Rainfed	Low yield due to imbalanced dose of fertilizers	Integrated nutrient management in plum		FYM (20-25 kg/tree) (farmers practices)	Yield	19%		
				04	N=735g/tree, P=280g/tree, K=1080 g/tree		65%		
					N= (Urea=50%, VC= 30%, FYM= 20%), P (DAP=25%, VC=50%, FYM=25%), K (MoP=75%, VC=15%, FYM=10%)		74%		

* *No. of farmers*

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
FYM (20-25 kg/tree) (Farmers Practice)	4.99 t/ha		
N=735g/tree, p=280 g/tree, K=1080g/tree	11.12 t/ha		
	12.46 t/ha		

**Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

** *Give details of the technology assessed or refined and farmer's practice*

PART 4 - FRONTLINE DEMONSTRATIONS

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

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
	Oilseeds	Rainfed			DGS-1				2.0	1.6	10	13	23	
		Rainfed												
	Pulses	Rainfed	Kharif-2015	Rajmash	Local-Loran	-	Pest Management	IPM	5.0	06	4	26	30	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cereals	Rainfed	Kharif-2015	Maize		Double Deklab Pro-Agro 4794 Kanchan-612	Replacement of traditional varieties	Replacement of traditional varieties	10	21.0	17	67	84	
		Irrigated	Kharif-2015	Paddy	K-343				6.0	2.9	0	6	6	Non availability of seed
		Rainfed	Rabi-2015-16	Wheat	HS490		Seed replacement		4.0	2.60	04	11	15	
	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Spices and	-	-	-	-	-	-	-	-	-	-	-	-	-

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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	
	condiments													
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Fodder	Rainfed	Rabi-2015-16	Oat	Kent	-	Replacement of fodder wheat with oat	Introduction of oat as fodder crop	0.5	19.70	59	72	126	
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Poultry	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-

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	
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Common carps	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Mussels													
	Ornamental fishes													
	Oyster mushroom													
	Button mushroom													
	Vermicompost													
	Sericulture													
	IFS													
	Apiculture													
	Implements													
	Others (specify)													

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

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Status of soil (Kg/Acre)			Previous crop grown
									N	P	K	
	Oilseeds	NA										
	Pulses	NA										
	Cereals	NA										
	Millets	NA										
	Vegetables											
	Flowers											
	Ornamental											
	Fruit											
	Spices and condiments											
	Commercial											
	Medicinal and aromatic											
	Fodder											
	Plantation											

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Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Status of soil (Kg/Acre)			Previous crop grown
									N	P	K	
	Fibre											
	Dairy											
	Poultry											
	Rabbitry											
	Pigerry											
	Sheep and goat											
	Duckery											
	Common carps											
	Mussels											
	Ornamental fishes											
	Oyster mushroom											
	Button mushroom											

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	
	Vermicompost											
		-	-	-	-	-	-	-	-	-	-	-
	Sericulture	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	IFS	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	Apiculture	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	Implements	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	Others (specify)	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-

B. Results of Frontline Demonstrations

4.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Mustard																			
Gobi Sarson				Rainfed	23	1.6	12.2	7.2	9.42	6.80	38.50	9000	29202	20202	3.24	8000	21080	13080	2.63
Pulses																Pulses			
Rajmash (Mixed crop with Maize)	IPM	Local	-	Rainfed	30	6.0	5.51	3.65	4.69	3.12	50.32	24775	84420	59645	3.40	22500	56160	33660	2.49
Cereals																Cereals			
Maize	Hybrid seed		Double deklab	Rainfed	41		49.8	39.3	45.2	24.1	87.50	23600	59890	36290	2.54	18200	13733	13720	1.75
			Pro-Agro 4794	Rainfed	22		47.30	36.20	42.7	23.4	82.40	23600	56578	32977.5	2.40	18200	12805	12880	1.70
			Bioseed 9621	rainfed	14		49.2	38.8	44.0	23.9	84.10	23600	58300	34700	2.47	18200	13468	13480	1.74
			Kanchan 612	rainfed	7		43.2	37.5	39.9	22.6	76.50	23600	52868	29267.5	2.24	18200	11745	11920	1.65
					84														
Paddy	INM	K-343	-	Irrigated	06	2.90	37.6	32.0	35.06	28.33	17.50	21200	50837	29637	2.40	20000	21079	23495	2.05
Millets																			
Wheat		HS490		Rainfed	15	2.6	Yet to be harvested							Yet to be harvested					
Vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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										
Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder																			
Oat	Introduction of fodder crop	Kent	-	Rainfed	126	19.70	310 Green Fodder	236	268	200	34	18000	40000	22000	2.22	18000	34000	16000	1.89
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

<i>Data on other parameters in relation to technology demonstrated</i>					
<i>Crop</i>	<i>Technology to be demonstrated</i>	<i>Variety/Hybrid</i>	<i>Parameter with unit</i>	<i>Demo</i>	<i>Check</i>
Rajmash	Integrated Disease Management	Loran local	% Disease incidence	14.87 %	60 %

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

<i>Type of livestock</i>	<i>Name of the technology demonstrated</i>	<i>Breed</i>	<i>No. of Demo</i>	<i>No. of Units</i>	<i>Yield (q/ha)</i>				<i>% Increase</i>	<i>*Economics of demonstration Rs./unit</i>				<i>*Economics of check (Rs./unit)</i>			
					<i>Demo</i>			<i>Check if any</i>		<i>Gross Cost</i>	<i>Gross Return</i>	<i>Net Return</i>	<i>**</i>	<i>Gross Cost</i>	<i>Gross Return</i>	<i>Net Return</i>	<i>**</i>
	-	-	-	-	H	L	A	-	-	-	-	-	-	-	-	-	-
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

** BCR= GROSS RETURN/GROSS COST

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

<i>Data on other parameters in relation to technology demonstrated</i>		
<i>Parameter with unit</i>	<i>Demo</i>	<i>Check if any</i>
-	-	-

4. B.3. Fisheries: NIL

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

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

<i>Data on other parameters in relation to technology demonstrated</i>		
<i>Parameter with unit</i>	<i>Demo</i>	<i>Check if any</i>
-	-	-

4.B.4. Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

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

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

<i>Sl.No.</i>	<i>Activity</i>	<i>No. of activities organised</i>	<i>Number of participants</i>	<i>Remarks</i>
1	Field days	02	42	
2	Farmers Training	39	761	-
3	Media coverage			
4	Training for extension functionaries	06	100	-
5	Others (Please specify) vocational	06	126	-

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

<i>Thematic area</i>	<i>No. of courses</i>	<i>Participants</i>								
		<i>Others</i>			<i>SC/ST</i>			<i>Grand Total</i>		
		<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-

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Water management	-	-	-	-	-	-	-	-	-	-
Seed production	01	18	-	18	03	-	03	21	-	21
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	02	39	-	39	02	-	02	41	-	41
Fodder production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	01	10	-	10	11	-	11	21	-	21
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	01	13	-	13	-	-	-	13	-	13
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	04	40	-	40	31	-	31	71	-	71
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-

d) Plantation crops										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
e) Tuber crops										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
f) Spices										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants										
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management										
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-
IV Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Disease	-	-	-	-	-	-	-	-	-	-

Management										
Feed management	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and	-	-	-	-	-	-	-	-	-	-

value addition										
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
VII Plant Protection										
Integrated Pest Management	01	01	-	01	20	-	20	21	-	21
Integrated Disease Management	01	09	03	12	03	-	03	12	03	15
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
IX Production of Inputs at site										
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry	-	-	-	-	-	-	-	-	-	-

and fingerlings										
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	11	130	3	133	70	0	70	200	3	203
(B) RURAL YOUTH										
Mushroom Production	01	07	01	08	12	-	12	19	01	20
Bee-keeping	01	06	-	06	14	-	14	20	-	20
Integrated farming										
Seed production	01	16	-	16	-	-	-	16	-	16
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm	-	-	-	-	-	-	-	-	-	-

machinery and implements										
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	01	04	19	23	02	03	05	06	22	28
Value addition	02	13	24	37	02	03	05	15	27	42
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
TOTAL	6	46	44	90	30	6	36	76	50	126
(C) Extension Personnel										
Productivity enhancement in field crops	02	36	-	36	02	-	02	38	-	38
Integrated Pest Management	03	42	-	42	07	-	07	49	-	49
Integrated Nutrient management	01	08	-	08	04	01	05	12	01	13
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-

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Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
TOTAL	6	86	0	86	13	1	14	99	1	100

B) OFF Campus

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	01	11	02	13	05	-	05	16	02	18
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	01	13	-	13	-	-	-	13	-	13
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-
Seed production	03	27	-	27	23	-	23	50	-	50
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-

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Production of organic inputs	01	03	-	03	12	-	12	15	-	15
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	01	11	03	14	03	-	03	14	03	17
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	05	92	02	94	58	-	58	150	02	152
Layout and Management of Orchards	02	32	-	32	11	-	11	43	-	43
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	02	26	-	26	09	-	09	35	-	35
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
e) Tuber crops										

Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
f) Spices										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants										
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management										
Soil fertility management										
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-
IV Livestock Production and Management										
Dairy Management										
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
V Home Science/Women										

empowerment										
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
VI Agril.										
Engineering										
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
VII Plant Protection										

Integrated Pest Management	05	59	-	59	29	04	33	88	04	92
Integrated Disease Management	03	31	-	31	18	-	18	49	-	49
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax	-	-	-	-	-	-	-	-	-	-

sheets										
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	04	39	-	39	33	02	35	72	02	74
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	28	344	7	351	201	6	207	545	13	558
(B) RURAL YOUTH	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Nursery	-	-	-	-	-	-	-	-	-	-

Management of Horticulture crops										
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-
(C) Extension Personnel										
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-

Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-

C) Consolidated table (ON and OFF Campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	01	11	02	13	05	-	05	16	02	18
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	01	13	-	13	-	-	-	13	-	13
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-
Seed production	04	45	-	45	26	-	26	71	-	71
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	02	39	-	39	02	-	02	41	-	41
Fodder production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	01	03	-	03	12	-	12	15	-	15
II Horticulture										

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a) Vegetable Crops										
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	02	21	03	24	14	-	14	35	03	38
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	06	105	02	107	58	-	58	163	02	165
Layout and Management of Orchards	02	32	-	32	11	-	11	43	-	43
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	06	66	-	66	40	-	40	106	-	106
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
e) Tuber crops										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and	-	-	-	-	-	-	-	-	-	-

value addition										
f) Spices										
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants										
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management										
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-
IV Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
V Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and	-	-	-	-	-	-	-	-	-	-

nutrition gardening										
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
VII Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	06	60	-	60	49	4	53	109	4	113
Integrated Disease Management	4	40	3	43	21		21	61	3	64
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-

Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
VIII Fisheries										
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-

X Capacity Building and Group Dynamics										
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	04	39	-	39	33	02	35	72	02	74
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry										
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	39	474	10	484	271	6	277	745	16	761
(B) RURAL YOUTH										
Mushroom Production	01	07	01	08	12	-	12	19	01	20
Bee-keeping	01	06	-	06	14	-	14	20	-	20
Integrated farming										
Seed production	01	16	-	16	-	-	-	16	-	16
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	01	04	19	23	02	03	05	06	22	28
Value addition	02	13	24	37	02	03	05	15	27	42
Production of quality animal products	-	-	-	-	-	-	-	-	-	-

Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
TOTAL	6	46	44	90	30	6	36	76	50	126
(C) Extension Personnel										
Productivity enhancement in field crops	02	36	-	36	02	-	02	38	-	38
Integrated Pest Management	03	42	-	42	07	-	07	49	-	49
Integrated Nutrient management	01	08	-	08	04	01	05	12	01	13
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-

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for ICT application											
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6	86	0	86	13	1	14	99	1	100	

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

Date	Client ele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							Male	Female	Total	Male	Female	Total	Male	Female	Total
28.05.2015	Farmer	Scientific cultivation of Maize	Agronomy/PBG	Crop production	01	On campus	22	-	22	2	-	2	24	-	24
30.06.2015	-do-	Scientific cultivation of Paddy	-do-	Crop production	01	-do-	17	-	17	-	-	-	17	-	17
31.08.2015	-do-	Weed Management in Kharif Crops	-do-	Weed management	01	Uchaad	11	2	13	05	-	05	16	2	18
13.10.15	do	High yielding varieties of oil seeds	do	Crop diversification	01	Dara dullian	13	-	13	-	-	-	13	-	13
26.10.2015	-do-	Seed production in wheat	-do-	Seed production	01	KVK Poonch	18	-	18	3	-	3	21	-	21
10.11.2015	-do-	Seed production in wheat	-do-	Seed production	01	Degwar	4	--	4	10	-	10	14	-	14
18.11.2015	-do-	Seed production of rabi fodder crops	-do-	Seed production	01	Gulpur	12	-	12	6	-	6	18	-	18
14-12-2015	-do-	Seed Production of rabi pulses	-do-	Seed production	01	Ajote	11	-	11	7	-	7	18	-	18
15.02.2016	-do-	Use of vermicompost	-do-	Production f	01	Bandichechian	3	-	3	12	-	12	15	-	15

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		in Agriculture		organic inputs											
		Plant Protection													
30.04 .2015	-do-	Management of stored grain pests		Pest Management	01	Digwar	15	-	15	02	-	02	17	-	17
18/06 /2015	-do-	Insect Pest and Disease management in Paddy nursery.	-do-	Integrated Disease Management	01	Jhullas	14	-	14	03	-	03	17	-	17
19/06 /2015	-do-	Integrated pest management in vegetable crops	-do-	Integrated Pest Management	01	Gulpur	07	-	07	10	02	12	17	02	19
24/06 /2015	-do-	Integrated Pest Management in Maize + Rajmash under mixed cropping.	-do-	Integrated Pest Management	01	Loran	11	-	11	03	02	05	14	02	16
10.07 .2015	-do-	Wilt Management in Chillies	-do-	Integrated Disease Management	01	Khanetar	02	-	02	14	-	14	16	-	16
28.09 .2015	-do-	Seed treatment in commercial farming	-do-	Integrated Disease Management	01	On campus	09	03	12	03	-	03	12	03	15
09.11 .2015	-do-	Selection of pesticides for successful management of pests and diseases	-do-	Integrated Disease Management	01	Darra Dullian	15	-	15	01	-	01	16	-	16
31-12-2015	-do-	Insect Management in Wheat Crop	-do-	Integrated Pest Management	01	Digwar	10	-	10	07	-	07	17	-	17
23-12-2015	-do-	Insect Pest Management in peacanut	-do-	Integrated Pest Management	01	On Campu s	1	-	1	20	-	20	21	-	21
23.03 .2016	-do-	Insect Management in Apple	-do-	Integrated Pest Management	01	loran	16	-	16	7	-	7	23	-	23
			Horticulture												
29/06 /2015	-do-	Budding in fruit crops	Propaga tion techniques		01	-do-	17	-	17	3	-	3	20	-	20
29.07 .2015	-do-	Propagation techniques (Budding) in fruit crops	Propaga tion techniques		01	On Campu s	02	-	02	10	-	10	12	-	12
29.09 .2015	-do-	Healthy nursery raising in fruit crops	Nursery raining techniques		01		14	-	14	07	-	07	21	-	21
17.11 .2015	-do-	Farmer's training on	Nursery raining		01		11	3	14	3	-	3	14	3	17

		Healthy nursery raising techniques	techniques												
21.01 .2016	-do-	Canopy management in fruit crops	Training & pruning		01	Off campus	18	2	-				18	2	20
24.02 .2016	-do-	-do-	Training & pruning		01	-do	34	-	34	22	-	22	56	-	56
25.02 .2016	-do-	-do-	Training & pruning		01	-do	15	-	15	3	-	3	18	-	18
26.02 .2016	-do-	-do-	Training & pruning		01	-do	13	-	13	-	-	-	13	-	13
27.02 .2016	-do-	-do-	Training & pruning		01	-do	10	-	10	22	-	22	32	-	32
01.03 .2016	-do-	-do-	Training & pruning		01	-do	15	-	15	11	-	11	26	-	26
02.03 .2016	-do-	Propagation techniques (grafting in fruit crops)	Propagation techniques		01	On-Campuses	8	-	8	5	-	5	13	-	13
3.03. 2016	-do-	Scientific techniques of layout and planning of an orchard			01	Off Campuses	18	-	18	5	-	5	23	-	23
23.03 .2016	-do-	Scientific techniques of layout of fruit crops			01	Off Campuses	14	-	14	6	-	6	20	-	20
24.03 .2016	-do-	Propagation techniques (grafting in fruit crops)	Propagation techniques		01	On-Campuses	15	-	15	8	-	8	23	-	23
25.03 .2016	-do-	-do-	Propagation techniques		01	On-Campuses	15	-	15	8	-	8	23	-	23
26.03 .2016	-do-	-do-	Propagation techniques		01	Off-Campuses	9	-	9	6	-	6	15	-	15
		Ag. Economics													
12.10 .2015	-do-	Marketing strategies for horticulture crops	-do-		01	Bandichechan	17	-	17	5	-	5	22	-	22
16.11 .2015	-do-	Marketing strategies for horticulture crops	-do-		01	-do-	-	-	-	20	-	20	20	-	20
		Ag. Extension													
14.10 .2015		Awareness for Kissan Credit Card			01	Digwar	11	-	11	04	02	06	17	-	17
02.03 .2016	-do-	Income generating units for school	-do-		01	-do	11	-	11	4	-	4	15	-	15

		dropouts														
		Extension Personal/In-Service			On Campus											
31.07 .2015		Nutritional disorders in fruit crops			01	-do-	08	-	08	04	01	05	12	01	13	
04.08 .2015		Advances in millet production			01	-do-	18	-	18	-	-	-	18	-	18	
15.0 9.20 15		Plant Protection measures in Organic Farming	Plant Protection	Insect Pest and disease Management	01	-do-	15	-	15	-	-	-	15	-	15	
19.0 9.20 15		Use of Predators and Parasites for insect Pest Management	Plant Protection	Insect Pest Management	01	-do-	10	-	10	3	-	3	13	-	13	
22.0 1.20 16		Recently released varieties of rabi crops and quality seed production		Seed Production	01	-do-	18	-	18	02	-	02	20	-	20	
28.0 1.20 16		New Insecticides: Introduction and Use	Plant Protection	Integrated pest and disease management	01	-do-	17	-	17	04	-	04	21	-	21	

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
					Male	Female	Total	Type of units	Number of units	Number of persons employed	
Apiculture	28.07.2015 29.07.2015	Bee Keeping	Honey Production	02	20	-	20				
Fruits and Vegetables	30.07.2015	Value addition of fruit crops and vegetables	Value Addition	01	08	22	30				
Fruits	31.07.2015	Propagation techniques in fruit crops		01	06	22	28				
Fruits	20 to 24.10.2015	Value added products of vegetables, fruits & mushroom	Preservation & value Addition	05	07	05	12				

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Mushroom	03 to 05.11.2015	Mushroom Cultivation Techniques	Mushroom Production	03	19	1	20				
Fodder	22.03.2016 to 23.03.2016	Quality seed production of cereal and fodder crops	Seed production	02	16	-	16				

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

Sl. No	Date	Title	Discipline	The thematic area	Duration (days)	Client (PF/R Y/EF)	No. of courses	No. of Participants						Sponsoring Agency	Amount of fund received (Rs.)			
								Others			SC/ST					Total		
								Male	Female	Total	Male	Female	Total			Male	Female	Total
Total																		

6. Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Purpose/topic and Date	No. of activities	Participants											
				Farmers (Others) (I)			SC/ST (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day	Maize	01	-	-	26	-	-	-	-	-	04	-	-	30
2.	Field Day	Rajmash	01	-	-	16	-	-	-	-	-	04	-	-	20
	Total		02	-	-	42	-	-	-	-	-	08	-	-	50
3.	Kisan Mela	Pre-Kharif Kissan Mela 18-08-2015	01	-	-	300	-	-	-	-	-	26	-	-	326
		State Level Kissan Mela 18-19 March, 2016	01	-	-	3000	-	-	-	-	-	375	-	-	3375
		Pre-Rabi Kissan Mela 25.03.2016	01	-	-	287	-	-	-	-	-	25	-	-	312
		District level Kissan mela 26.03.2016	01	-	-	315	-	-	-	-	-	137	-	-	452
	Total	-	04	-	-	3902	-	-	-	-	-	563	-	-	4465
4.	Kisan Ghosthi	-	11	-	-	-	-	-	-	-	-	24	-	-	4340
5.	Exhibition	-	08	-	-	5315	-	-	-	-	-	-	-	-	5315
6.	Film Show	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Method Demonstrations	FLDs	06	-	-	289	-	-	-	-	-	02	-	-	291

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8.	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Workshop	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.	Group meetings	-	05	-	-	117	-	-	-	-	-	06	-	-	123
11.	Lectures delivered as resource persons	-	81	-	-	5107	-	-	-	-	-	04	-	-	5111
12.	Newspaper coverage	-	53	-	-	-	-	-	-	-	-	-	-	-	53
13.	Radio talks	-	19	-	-	-	-	-	-	-	-	-	-	-	19
14.	TV talks	-	05	-	-	-	-	-	-	-	-	-	-	-	05
15.	Popular articles	-	22	-	-	-	-	-	-	-	-	-	-	-	22
16.	Extension Literature	-	3367	-	-	3367	-	-	-	-	-	-	-	-	3367
17.	Advisory Services	-	15	-	-	624	-	-	-	-	-	-	-	-	624
18.	Scientific visit to farmers field	-	511	-	-	989	-	-	-	-	-	05	-	-	994
19.	Farmers visit to KVK	-	-	-	-	2154	-	-	-	-	-	-	-	-	2154
20.	Diagnostic visits	-	441	-	-	881	-	-	-	-	-	05	-	-	886
21.	Exposure visits	-	02	-	-	32	-	-	-	-	-	07	-	-	39
22.	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.	Soil health Camp	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.	Animal Health Camp	Veterinary Clinic Camp 01-12-2015 (Loran)	01	-	-	92	-	-	-	-	-	08	-	-	100
		Veterinary Clinic Camp 02-12-2015 Saubjian	01	-	-	83	-	-	-	-	-	08	-	-	91
25.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.	Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.	Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.	Celebration of important days (specify)	ICAR Foundation Day-Cum-Progressive Farmers' Meet\ 16.07.2015		-	-	30	-	-	-	-	-	05	-	-	35
31.		Parthenium		-	-	27	-	-	-	-	-	08	-	-	35

		Week 16-08-2015 to 22-08- 2015													
32.		World Soil day 05-12-2015		-	-	322	-	-	-	-	-	26	-	-	348
	Grand Total		4548			19429						108			28467

* Example for guidance only

S. No.	Title of the Event	Date	Venue	No. of Participants
1.	Importance of Cleanliness in Rural life.	29.05.2015	KVK Poonch	16
2.	Entrepreneurship Awareness Programme for unemployed rural youth and farmers	10.06.2015	Mandi	250
3.	Preparedness of Monsoon	10-06-2015 18-06-2015 29-06-2015	Mandi Jhullas Khanetar	250 40 28
4.	Digital India Week	02 to 03. 07. 2015	On Campus	15
5.	ICAR Foundation Day-Cum-Progressive Farmers' Meet	16.07.2015	On Campus	30
6.	Parthenium Week	16-08-2015 to 22-08-2015	On Campus	27
7.	Pre-Kharif Kissan Mela	18-08-2015	On Campus	300
8.	Veterinary Clinic Camp	01-12-2015	Loran	92
9.	Veterinary Clinic Camp	02-12-2015	Saubjian	83
10.	World Soil day	05-12-2015	On Campus	322
11.	Scientific Advisory Committee Meeting	21-12-2015	On Campus	23
12.	Kissan Mela	18 to 19-03-2016	SKUAST-J	3000
13.	Pre-Rabi Kissan Mela	25-03-2016	On Campus	287
14.	Kissan Mela	26-03-2016	Department of Agriculture Poonch	315

6. B. Kisan Mobile Advisory Services

Kisan Mobile Advisory									
Name of the KVK	No. of farmers Covered	No. of Messages (Text)	Type of messages						
			Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Any other
KVK Poonch	624	15	√	-	-	-	-	-	-

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

No. of Technology week celebrated	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies	-	-	-
	Lectures organized	-	-	-
	Exhibition	-	-	-
	Film show	-	-	-
	Fair	-	-	-
	Farm Visit	-	-	-
	Diagnostic Practicals	-	-	-
	Distribution of Literature (No.)	-	-	-
	Distribution of Seed (q)	-	-	-
	Distribution of Planting materials (No.)	-	-	-
	Bio Product distribution (Kg)	-	-	-
	Bio Fertilizers (q)	-	-	-
	Distribution of fingerlings	-	-	-
	Distribution of Livestock specimen (No.)	-	-	-
	Total number of farmers visited the technology week	-	-	-

7. Production and supply of Technological products

A) SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
	Wheat	HS 490	1.70	5270	15
OILSEEDS	-	-	-	-	-
	-	-	-	-	-
PULSES	-	-	-	-	-
	-	-	-	-	-
VEGETABLES	-	-	-	-	-
	-	-	-	-	-
FLOWER CROPS	-	-	-	-	-
	-	-	-	-	-
OTHERS (Specify)	Oats	Kent (TLS)	19.70	132975.0	126

*An example for guidance only

B) PLANTING MATERIALS

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS	-	-	-	-	-
	-	-	-	-	-
SPICES	-	-	-	-	-
	-	-	-	-	-
VEGETABLES	-	-	-	-	-
	-	-	-	-	-
FOREST SPECIES	-	-	-	-	-
	-	-	-	-	-
ORNAMENTAL CROPS	-	-	-	-	-
	-	-	-	-	-
PLANTATION CROPS	-	-	-	-	-
	-	-	-	-	-
Others (specify)	-	-	-	-	-

*An example for guidance only

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C) BIO PRODUCTS: NIL

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

D) LIVESTOCK : NIL

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

* An example for guidance only

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

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

(A) KVK News Letter – (Name, Date of start, periodicity, number of copies distributed, etc.)

(B) Literature developed/published

<i>Item</i>	<i>Title</i>	<i>Authors name</i>	<i>Number of copies</i>
Research papers	Stability and genetic divergence study of single cross hybrids in maize (<i>Zea mays</i> L.)	Singh, P., Salgotra, S.K., Singh, A.K., Sharma, M. and Gupta, A. 2015	African J. Agri. Res. 2015 10(31)3080-85
	Management practices in Broiler Farming: A study of farms around Jammu city of Jammu & Kashmir State.	Dwivedi, S., Dolma, M. and Sharma, P.K. 2015.	Agro Economist-An International Journal: 1(2): 35-40.

<i>Item</i>	<i>Title</i>	<i>Authors name</i>	<i>Number of copies</i>
	Progress and Performance of Kisan Credit Card Scheme in Jammu and Kashmir.	Sunder, S.Dwivedi, S. and Sharma, P.K. 2015.	Economic Affairs. 60(4): 799-803.
	Economics of Small Broiler Units in Jammu District of Jammu and Kashmir State.	Dwivedi, S., Dolma, M. and Sharma, P.K. 2015.	Journal of Animal Research, 6(1): 157-165.
	Effect of <i>Trichoderma viride</i> , <i>Pseudomonas fluorescens</i> and cytozyme on leaf spot and root knot of sun flower (<i>Helianthus annus L.</i>)	Sharma, M. , Rajik, M., Biswas, S.K., Ansari, N.A., and Husain, A. 2015	Progressive Research – An International Journal <i>Volume 10 (Special-V) : 2616-2618, (2015)</i>
	Variable Disease Response to Spot Blotch in Different Eat Varieties and its Assessment at Biochemical and Genetics Level	Biswas, S.K., Rajik, M., Sharma, M. , Naresh, P., Kumar, U., Lal, K. and Singh, R. 2016	<i>Plant Pathol. J. 15 (2): 57-64, 2016</i>
Technical reports	Monthly Reports Quarterly Reports TSP Report Annual Progress Report Pre Kharif Kissan Mela report Pre rabi Kissan Mela Report		
Technical bulletins	Vegetable Pickles	KVK Poonch	Directorate of Extension, SKUAST-J
	Fruit Jams & Squashes	KVK Poonch	Directorate of Extension, SKUAST-J
Popular articles			
Training Manual			
Extension literature	“Farm Records & Impact Assessment Indicators: A guide for Krishi Vigyan Kendras”.	Pawan Kumar Sharma and K.S. Risam. 2015	Directorate of Extension, SKUAST-J
Folders /leaflets	Poda kisam aor krishak aadhikar sarankshan: Poonch ke kissanon ke liye suavsar	Swami, S.; Sharma, Pawan; Gupta, A.; Parkash, S; Sharma, M and Mir, M. 2016	100
TOTAL			

(C) Details of Electronic Media Produced

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

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

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

- a) *Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise*
- b) *Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise*
- c) *Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product*

The general format for preparing the above success stories/case studies are furnished below

TITLE**Introduction****KVK intervention****Output****Outcome****Impact****9.B. Give details of innovative methodology/technology developed and used for Transfer of Technology during the year****9.C. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)**

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

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

- Identification of courses for farmers/farm women
- Rural Youth
- Inservice personnel

9.E. Field activities

- | | | | |
|------|-------------------------------|---|----|
| i. | Number of villages adopted | : | 01 |
| ii. | No. of farm families selected | : | 25 |
| iii. | No. of survey/PRA conducted | : | 01 |

9.F. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab :

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

Sl. No	Name of the Equipment	Qty.	Cost
1			
Total			

3. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	-	-	-	-
Water Samples	-	-	-	-
Plant Samples	-	-	-	-
Petiole Samples	-	-	-	-
Total	-	-	-	-

10. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

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

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

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

11.0 LINKAGES

11.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1.Chief Agriculture Office, Poonch	Farmer Trainings, Kisan melas, Diagnostic visits, Kisan Ghoshties, meetings etc
2.Chief Horticulture Office, Poonch	-do-
Animal Husbandry department	-do-
Sheep Husbandry department	-do-
Department of Fisheries	-do-
Lead bank, J&K	-do-
BSF and Army camps	Joint camps, Diagnostic visits, Expert lectures

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

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

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Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)	Budget for 2015-16
Tribal Sub Plan “Enhancing livelihood opportunities through Agro technological interventions of Tribal Communities	2013	ICAR	207.0 lakhs (sanctioned)	184.0 lakhs (sanctioned)
More than 476 families have been benefitted till date under TSP Families benefitted in 2015-16: 183				

11.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

S. No.	Programme	Nature of linkage	Remarks

Coordination activities between KVK and ATMA during 2014-15

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings				
02	Research projects				
03	Training programmes				
04	Demonstrations				
05	Extension Programmes				
	Kisan Mela				
	Technology Week				
	Exposure visit				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	FFS				
06	Publications				
	Video Films				
	Books	Dwivedi, S. Dolma, M and Pawan Kumar Sharma “Broiler Production: Economics and Marketing” – New Delhi Publishers, New Delhi, India.			
	Extension Literature				
	Pamphlets				
	Others News coverage				

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
07	Other Activities				

11.4 Give details of programmes implemented under National Horticultural Mission:

S. No.	Programme	Nature of linkage	Constraints if any
-	-	-	-
-	-	-	-

11.5 Nature of linkage with National Fisheries Development Board :

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

11.6. Details of linkage with RKVY

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

12. PERFORMANCE OF INFRASTRUCTURE IN KVK

12.1 Performance of demonstration units (other than instructional farm)

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

12.2 Performance of instructional farm (Crops) including seed production

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals	Wheat	22.05.2015		HS 490	Grain /Seed	2.5	3200	7750	
Rice	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-
Pigeonpea	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Fibers	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Spices & Plantation crops									
	-	-	-	-	-	-	-	-	-
Floriculture	-	-	-	-	-	-	-	-	-

	-	-	-	-	-	-	-	-	-
Fruits	23/02/2015	-	0.5	-	Peach, Plum, Pecan nut, Apricot, Apple	100	4000	-	Orchards are under developing stage
	Nov, 2015	-	0.5	Loran local	Walnut	5000 rstock 1500 graft			
	Nov, 2015			Mahaan Nelish barkot	pecanut	500			
Vegetables									
Others (specify)									
	Oats			Kent	Seed	24.0	30000	162000	

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

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

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

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

12.5 Utilization of hostel facilities: NIL

Accommodation available (No. of beds) = NIL

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2014	-	-	-
May 2014	-	-	-
June 2014	-	-	-
July 2014	-	-	-
August 2014	-	-	-
September 2014	-	-	-
October 2014	-	-	-
November 2014	-	-	-
December 2014	-	-	-
January 2015	-	-	-
February 2015	-	-	-
March 2015	-	-	-

12.6. Database management

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<i>S. No</i>	<i>Database target</i>	<i>Database created by the KVK</i>

12.7 Rainwater Harvesting

Training programmes conducted using Rainwater Harvesting Demonstration Unit: NIL

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

Demonstrations conducted using Rainwater Harvesting Demonstration Unit : NIL

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

Seed produced using Rainwater Harvesting Demonstration Unit : NIL

Name of the crop	Quantity of seed produced (q)
-	-

Plant materials produced using Rainwater Harvesting Demonstration Unit : NIL

Name of the crop	Number of plant materials produced
-	-

Other activities organized using Rainwater Harvesting Demonstration Unit : NIL

Activity	No. of visitors
Visit of farmers	
Visit of officials	

13. FINANCIAL PERFORMANCE

13.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute			
With KVK	J&K Bank Ltd.	Poonch	0019040500022969
	J&K Bank Ltd.	Poonch	0019040500022987

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

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	96.05	96.05	96.05
2	Traveling allowances	1.75	1.75	1.75
3	Contingencies	12.50	12.50	12.0
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
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	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		110.3	110.3	109.8
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture	6.25	6.25	2.2
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)		117.55	117.55	112.0

13.3 Status of revolving fund (Rs. in lakhs) for the last four years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2012 to March 2013	3,24,508	1,06,964	2,496	78,976 + FDR(3,50,000)
April 2013 to March 2014	78,976 + FDR(3,50,000)	1,19,125	8,614	1,89,487 + FDR(3,50,000)
April 2014 to March 2015	1,89,487 + FDR(3,50,000)	1,77,182	2,97,840	4,18,829 (FDR interest also included in income)
April 2015 to March 2016				465121.0

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

<i>Name of the staff</i>	<i>Designation</i>	<i>Title of the training programme</i>	<i>Institute where attended</i>	<i>Date</i>
Dr. Sanjay Swamy	PC	Participation in the 2 nd Management Development Programme (MDP) for New PC Recruits of Krishi Vigyan Kendras (KVKs)	NAARM, Hyderabad	16 April to 22 May, 2015
		9 th National Conference on KVK-2015 on "Skill Intensive Agriculture"	Patna, Bihar	July, 25-26, 2015
		21 days Winter School on "Advances in Organic Production System and Conservation Agriculture"	Jorhat, Assam	24 September to 14 October, 2015
Dr. Ajay Gupta	SMS, Agronomy	PPVFRA	SKUAST-J	06.02.2016
		4 th JK Science Congress	SKUAST-J	28-30 October, 2015
		International Science Congress Natural Resource Management: Ecological Perspectives"	SKUAST-J	18-20, February 2016
Dr. Muneeshwar Sharma	SMS, Plant Protection	Training Programme on IPM for Important crops for KVKs of Zone 1, PAU Ludhiana	PAU, Ludhiana	20-22 nd August, 2015
		International Science Congress Natural Resource Management: Ecological Perspectives"	SKUAST-J	18-20, February 2016
		MDP lecture by Master trainers	KVK Rajouri	18.09.2015
Dr. Muzaffar Mir	SMS, Hort	National Conference on Temperate Fruits and Nuts	CITH, Srinagar	6-9 th November, 2015
		MDP lecture by Master trainers	KVK Rajouri	18.09.2015
Sh. Suraj Parkash	SMS, Extension	International Science Congress Natural Resource Management: Ecological Perspectives"	SKUAST-J	18-20, February 2016
Sh. Pawan Kumar	SMS, Economics	4 th JK Science Congress	SKUAST-J	28-30 October, 2015
		International Science Congress Natural Resource Management: Ecological Perspectives"	SKUAST-J	18-20, February 2016
		Application of ICTs in Extension Reforms" w.e.f.	SKUAST-Jammu	17th to 19th September 2015.
Dr. Sanjay Swamy Dr. Ajay Gupta Dr. Muneeshwar Sharma Dr. Muzaffar Mir Sh. M.A. Guroo Mohd. Qasim		Training Programme on Gender Budgeting	University library and Directorate of Extension	04-05, March 2016
		Training programme on Impact Assessment of Extension Activities of the KVKs under technological backstopping of KVKs	Division of Extension Education	28, March 2016
		Training programme on Pradhan Mantri Fasal Bima Yojana	SAMETI, SKUAST-J	29, March 2016
		University level workshop of KVKs of Jammu	SKUAST-J	30, March 2016

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

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Annexures

District Profile - I

Include the details of

1. General census

Population	4.76	Lacs as per 2011 Census
Male (Population)	2.52	
Female (Population)	2.24	
Number of Tehsils	06	--
Number of Blocks	11	--
Number of Panchyats	189	--
Number of villages	178	--
Area	114381	h
Total Sown Area	45310	h
Irrigated area	3719	ha
%age irrigated area	12.18	%
Area under forests	34050	h
Land put to Non - Agriculture Use	8487	h
Barren and Un-cultivated Land	18276	h
Permanent Pastures & Grazing Land	18561	h

Source: Digest of statics 2012-13

2. Agricultural and allied census

PRODUCTION AND PRODUCTIVITY OF PRINCIPAL CROPS

Crop	Season	Area (h)	Production (Q)	Av Yield (Q/h)
Paddy	Kharif 2008	4300	1,42,760	33.20
Maize	Kharif 2008	24000	8,19,360	34.14
Wheat	Rabi 2008	15,000	2,80,050	18.97

CROP WISE AREA

S.NO	Name of Crop	Season Wise Area in h		
		Khrif	Rabi	Total
1.	Paddy	3621	-	3621
2.	Maize	23828	-	23828
3.	Wheat	-	14970	14970
4.	Pulses	-	-	43
5.	Oil Seeds	-	-	452
6.	Fodder	-	-	2070
7.	Fruits & Vegetable	1000	250	1250
8.	Fallow Land	-	9928	9928
Total		31585	30593	62178

Source: Digest of statics 2012-13

S.No.	Item	Area (Hectare)	Production (M. Tonnes)
Fresh Fruits			
1.	Apple	2082.00	2499.00
2.	Pear	1623.00	4263.00
3.	Apricot	892.00	591.00
4.	Peach	607.00	670.00
5.	Plum	1322.00	1194.00
6.	Cherry	0.00	0.00
7.	Citrus	363.00	556.00
8.	Walnut	7905.00	11032.00
9.	Other Dry Fruits	287.00	7.00
10.	Other fresh	1508.00	1483.00
Total		16589.00	22295.00

Source: Digest of statics 2012-13

LIVESTOCK & POULTRY POPULATION IN POONCH

Category		Population	Lactating	Production	Productivity
Livestock					
Cattle	Crossbread	53432	25000	38125	5 lts/day in 305 days
	Indigenous	38626	15000	13725	3 ltrs/day in 305 days
Total		92058	40000	51850	-
Buffalo		113284	50000	45750	3 ltrs/day in 305 days
Sheep	Crossbread	94083	-	-	-
	Indigenous	24495	-	-	-
Total		118578	-	-	-
Goats		100067	-	-	-
Poultry					

Hens	Desi	-	-	-	-
	Improved	183708	90000 (laying birds)	72 lakh eggs	80 eggs/layer/year
Total		183708	-	-	-

FISHERIES PRODUCTION IN POONCH

Category		Area	Production	Productivity
Fish				
Marine				
In Land	Culture	3.45 ha.	7.78 tonnes	2.25 ton per ha.
	Capture		145.8 tonnes	
Prawn	
Scampi	
Shrimp	

2015-16 from Deptt. of Fisheries

3. Agro-climatic zones

S. No	Agro-climatic Zone	Characteristics
1	Sub-Tropical (Upto 800 m)	Plain area with water logging
	Intermediate (Lower) 800-1500m	Slopy land with problem of soil erosion
	Intermediate Higher >1500	High Hills with gully erosion

4. Agro-ecosystems

1	AES-I	Plain Topography with Thick Soil and Canal Irrigated
	AES-II	Slopy land with thin soil cover and rainfed
	AES-II	Thick growth of coniferous and deciduous forests

5. Major and micro-farming systems

S. No	Farming system/enterprise
1	<p>Rainfed</p> <p>Maize + Rajmash (Mono cropping)</p> <p>Maize + Rajmash + Potato</p> <p>Maize – Wheat</p> <p>Maize- Oat</p> <p>Maize- Mustard</p> <p>Fruit Crops:</p> <p>Apple, Pecanut, Walnut, Peach, Plum and Apricot</p>
2	<p>Irrigated (canal)</p> <p>Paddy (Monocropped)</p> <p>Paddy- Berseem</p> <p>Paddy – Wheat</p>

6. Major production systems like rice based (rice-rice, rice-green gram, etc.), cotton based, etc.

Production system
Rainfed Maize + Rajmash (Mono cropping) Maize – Wheat Maize- Oat
Irrigated (canal) Paddy (Monocropped) Paddy- Berseem Paddy – Wheat

7. Major agriculture and allied enterprises

Agriculture: Maize, Paddy, Fodder, Oilseeds, Pulses

Horticulture: Pecan nut, Apricot, Plum, Walnut, Sandy Pear, Apple

Animal Husbandry: Cows, Buffaloes, Sheep & Goats, Poultry

Agro-ecosystem Analysis of the focus/target area - II

Include

1. Names of villages, focus area, target area etc.
2. Survey methods used (survey by questionnaire, PRA, RRA, etc.)
3. Various techniques used and brief documentation of process involved in applying the techniques used like release transect, resource map, etc.
4. Analysis and conclusions
5. List of location specific problems and brief description of frequency and extent/intensity/severity of each problem
6. Matrix ranking of problems
7. List of location specific thrust areas
8. List of location specific technology needs for OFT and FLD
9. Matrix ranking of technologies
10. List of location specific training needs

Technology Inventory and Activity Chart - III

Include

1. Names of research institutes, research stations, regional centres of NARS (SAU and ICAR) and other public and private bodies having relevance to location specific technology needs
2. Inventory of latest technology available *

Sl. No	Technology	Crop/enterprise	Year of release or recommendation of technology	Source of technology	Reference/citation
1.	Cv. BSMR-8 *	Pigeonpea	2006	MAU, Parbhani	Notification no. 656 dated 25.06.2006 of Central/State Varietal Release Committee/ Proceedings no. 66 of MAU, Parbhani dated 04.02.2006
2.	Modified Paddy Drum Seeder*	Improved Farm Implements	2007	Directorate of Rice Research	Proceedings/Notification no. 77 of DRR, Hyderabad dated 04.02.2007
3.	Stem application of Imidachloropid @ 0.04%*	Cotton	2008	ANGRAU, Hyderabad	Proceedings/Notification no. 88 of ANGRAU, Hyderabad dated 04.02.2008

PS * an example for guidance only

3. Activity Chart

Crop/Animal/Enterprise	Problem	Cause	Solution	Activity	Reference of Technology
Cotton	Low productivity of cotton under rainfed medium black soils of Northern Amaravati	1) Imbalance fertilizer application 2) Pest and disease occurrence 3) Flower and fruit drop due to micro-nutrient deficiency	1. Application of recommend dose of Nutrients 2. Integrated Pest control 3. Micro-nutrient i.e boron application to control flower and fruit drop	1. Single component FLD to demonstrate effect of recommended dose of nutrients 2. Training and FLD programme on integrated pest management of cotton pest 3. OFT on management boron deficiency to control flower and fruit drop	1. Sl. No. 6 of Technology Inventory 2. Sl. No. 45 of technology Inventory 3. Sl. No. 99 of Technology inventory
Soybean					
Mulberry					
Jersey Cow					

4. Details of each of the technology under Assessment, Refinement and demonstration

Include

- a. Detailed account on varietal/breed characters for each of the variety/breed selected for FLD and OFT
- b. Details of technologies that may include formulation, quantity, time, methods of application of nutrients, pesticides, fungicides etc., for technologies selected under FLD and OFTs
- c. Details of location/area specificity of recommended technology viz., for each of the variety/breed/technology selected for FLD and OFT

I. DETAILS ON HRD ACTIVITIES during 2015-16

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
SKUAST-J	PPVFRA 06.02.2016	01		06
SKUAST-J	Training Programme on Gender Budgeting	01		06
SKUAST-J	Training programme on Impact Assessment of Extension Activities of the KVKs under technological backstopping of KVKs	01		06
SKUAST-J	Training programme on Pradhan Mantri Fasal Bima Yojana	01		06
Total	04			06

II. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION during 2015-16

A. Workshops / meetings organized

S. No.	Title of workshop/meeting conducted	No. of KVKs participated
SKUAST-J	University level workshop of KVKs of Jammu	06

B. Visits made by DEE / Officials of the Directorate to KVKs

S. No.	Particulars	Number of visits
01	SAC meetings	01
02	Field days	
03	Workshops / seminars	
04	Technology week	
05	Training programmes (Animal health Camp)	01
06	Others pl. specify (World Soil Health Day)	
	Pre kharif Kissan Mela	01
	Pre-rabi Kissan Mela	01

C. Overseeing of KVKs activities

S. No.	Particulars	Number of fields visited	Major observations / remarks	Major suggestions given
01	On Farm Trials	02		
02	Front Line Demonstration	15		
03	Others pl. specify	Maize commodity village	Role of KVK applauded	

D. Publication on Technology inventory

S. No.	Particulars	Number
01	Directorates published the technological inventory	
02	Directorates constantly updating the technological inventory	

E. Technological Products provided to KVKs

S. No.	Major technologies provided	Number of KVKs	Quantity	Unit of quantity
01	Seeds			Quintal
02	Planting materials			Numbers
03	Bio-products			Numbers
04	Livestock breed			Numbers
05	Livestock products			Quintals
06	Poultry breed			Numbers
07	Poultry products			Quintals/Numbers
08	Others pl. specify			