ANNUAL REPORT 2020 (Jan-Dec)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, Qazi Mohra, Poonch (J&K)	Office 01965-221796	FAX 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. Ajay Gupta	9469170031	9469170031	mahajan.ajay@gmail.com

1.4. Year of sanction: 2007

1.5. Staff Position (as on 31st March 2021)

S. No.	Sanctioned post	Name of the incumbent	Age	Discipline with highest degree obt.	Pay Band & Grade Pay (Rs.)	Date of joining at present post	Permanent /Temporary	Contact Details	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Vacant	-	-	131400	-	-	-	-
2	Subject Matter Specialist	Dr. Ajay Gupta	40	Agronomy	104100.00	28/10/2014	Permanent		General
3	Subject Matter Specialist	vacant	-	-	57700	-	-		-
4	Subject Matter Specialist	vacant	-	-	57700	-	-		-
5	Subject Matter Specialist	Dr. Muzaffar Mir	40	Fruit Science	75300	01/07/2014	Permanent		General
6	Subject Matter Specialist	Dr. Muneeshwar Sharma	41	Plant Protection	73100	02/07/2014	Permanent		General
7	Subject Matter Specialist	Vacant	-	-	57700	-	-		-
8	Programme Assistant	Dr. S.S. Jamwal	41	Fruit Science	50500	14/08/2008	Permanent		General
9	Computer Programmer	Sh. Mohd. Qasim	35	Computer Sciences	44900	03/06/2012	Permanent		ST

10	Farm Manager	Sh. Mushtaq Ahmad Guroo	37	Entomology	41100	03/07/2012	Permanent		General
11	Accountant / Superintendent	Smt Anita Saproo	-	-	70800	18/12/2017	Permanent (Attached at Head office)		General
12	Stenographer	vacant		-	25500	-	Permanent		
13	Driver	Sh. Jagroop Singh	-	-	64100	27/07/2017	Permanent (Attached at Head office)		General
14	Driver	Sh. Mohd. Aslam	-	-	29600	23/08/2010	Permanent		
15	Supporting staff	Vacant	-	-	18000	-	-		
16	Supporting staff	Sh. Kewal Kishore	-	-	20800	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							
	1	ICAR	15.03.2011	400		2008		Completed
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units	ICAR				2009		Completed
	1	ICAR				2009		
	2 Polyhouse/Fruit nursery	ICAR		200		2015		completed
	3 Hi Tech Polyhouse	EPHS		200		2017		completed
	4 Vermicompost unit	ICAR		15		2020		completed
5	Fencing	ICAR + EPHS				2017		Completed
6	Rain Water harvesting system	KVK grant	-	270	-	2014	-	Temporary
7	Threshing floor	ICAR	-	112	-	2008	-	completed
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2008	4,30,000	Transferred to KVK Rajouri	
Tata Sumo	2010	5,98,973	55664 KM	Good
Motorcycle	2012	45,202	29799 KM	Good
Mini Tractor	2017	293800	64 hours.	Good

C) Equipment's including Tractor & 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		Good
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
Mridaprikshak Soil Testing Mini Lab (Solar operated)	2017	86000.0	Good
Weighing balance	2017	8500	Good
Garden tool kit	2017	3700	Good
Nikon camera	2017	32000	Good
Lcd projector sony	2017	120000	Good
Led Display board	2017	66868	Good
Agmatel podium	2017	149900	Good
Interactive board	2017	44655	Good
Lcd projector sony	2017	91800	Good
Handycam sony	2017	21500	Good
HP Laptop	2017	60000	Good
Digital Xerox machine	2017	82500	Good
Power tiller	2017	156985	Good
Tractor trolley	2017	99984	Good
HP Laptop	2017	49900	Good
All in one	2017	98162	Good
Printer	2017	11600	Good

Genset	2017	368910	Good
Seed treatment drum (3 nos.)	2017	8130	Good
Wheel hoe (4 Nos.)	2017	4840	Good
Laptop (01) TSP	2018	55589	Good
LED Sony Bravia (01)TSP	2018	41349	Good
Computer (05) TSP	2018	225250	Good
Printer (01) TSP	2018	10900	Good

1.8. A). Details SAC meeting* conducted in the year (Jan-Dec) 2020

The 11th Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Poonch was organized on 30thDecember, 2020 in the Conference Hall of KVK, Poonch. The meeting was chaired by Professor J. P. Sharma, Hon'ble Vice Chancellor, SKUAST-Jammu and was attended by Dr. S. K. Gupta, Director Extension, SKUAST-Jammu, First lady of SKUAST-Jammu, Dr. Sumati Sharma, Scientist DRDO, Dr. Rakesh Sharma, Sr. Scientist Extension, Directorate of Extension, Dr. Pawan Sharma, Scientist Agriculture Economics, Directorate of Extension, Dr. Deepak Srivastava, In-charge RARS Rajouri, district officers of line departments and progressive farmers of district Poonch (Annexure I). The meeting started with the welcome address presented by Dr. S. K. Gupta, Director Extension. Dr. Ajay Gupta, Member Secretary, SAC and Sr. Scientist & Head, KVK Poonch presented the agenda items.

Agenda Items	Title
Agenda Item - 1	**Confirmation/Approval of Proceedings of 10th SAC meeting held on 24thMarch, 2018** Proceedings of the 10th SAC meeting were circulated among all the members of SAC and since no queries received from any of the members, the same were confirmed by the house.
Agenda Item - 2	**Action Taken Report of 10th SAC Meeting of KVK Poonch held on 24thMarch, 2018** Action taken on the recommendation of the members of SAC during 10th SAC meeting was presented before the house. (Annexure-I)
Agenda Item - 3	**Financial Expenditure for the year 2018-19 and 2019-20** The financial expenditure of KVK-Poonch for the year 2018-19 and 2019-20 was presented before the house.
Agenda Item – 4	**Presentation of Progress Report (24th ofMarch 2018 to 30th November, 2020)** Progress report of KVK w.e.f. 24thofMarch 2018 to 30thNovember, 2020was presented before the house.
Agenda Item – 5	**Achievements of Externally Funded Projects for the year 2018-19and 2019-20** The overall achievement of externally funded projects for the year 2018-19 and 2019-20was presented before the house

Agenda Item – 6	**Action plan for the year 2020-21 (01 January 2021 to March 2021).** The action plan for the remaining three months of the year 2020-21(01 January 2021 to March 2021)was presented in detail before the house.

While deliberating on the annual progress report and action plan of KVK Poonch, Chairman SAC gave following suggestions/recommendations:

Chief Horticulture Officer, Poonch applauded the support from KVK and acknowledged coordination of KVK Scientists with Horticulture department officials in conducting various training programmes and Farmer scientist interactions in the different blocks and villages of District Poonch. He informed the house that he has been given the target of establishing 20 ha orchards under Ultra High Density Planting and 146 ha under HDP in the Poonch district and needs the help of Scientists of KVK Poonch for achieving the target. The Chairman instructed I/c Sr. Scientist & Head, KVK Poonch to provide all the possible help to the officials of Department of Horticulture to achieve the target for establishing UHDP and HDP orchards and also assured Chief Horticulture Officer that Department can utilize the services of Scientists of KVK Poonch, as and when required.

Chairman also directed SMS Fruit Science, to generate the maximum number of quality planting material of Pecan nut and Walnut.

(Action: KVK Poonch, SMS (Horticulture)& Department of Horticulture)

Chief Agriculture officer suggested that more number of awareness programmes is needed to educate the farmers to preserve the local germplasm of rajmash of Loran area because of its unique colour, taste and sweetness over the other varieties. He further emphasized that the Department of agriculture may be provided the saffron germplasm, so that the potential of saffron cultivation could be explored and popularized in the district.

Chairman directed, Sr. Scientist & Head to conduct such training and awareness programmes for preservation of local germplasm of rajmashin collaboration with Department of Agriculture officials.

(Action: KVK Poonch, Department of Agriculture)

During the meeting, progressive farmer Sh. Ishfaq Ahmed appreciated the guidance and help provided by scientists of KVK Poonch in the field. He also raised the issue of need for some alternate hybrids in maize other than Pro Agro 4794. He also deliberated the problem of less germination in Wheat. Sr. Scientist & Head informed the chairman that germination and growth was slow during initial 50-60 days from sowing due to low temperature in higher reaches. Chairman directed Sr. Scientist and Head to suggest some new maize hybrids to the farmer.

(Action: KVK Poonch)

Appreciating the connection between KVK and line departments, the Chairman directed Sr. Scientist & Head, KVK Poonch to conduct need based training programmes for farmers and extension functionaries. He emphasized the need for conducting regular SAC meeting so that Action Plan can discussed well in time and farmers problems can be addressed by KVK and allied Departments.

(Action: KVK Poonch)

During the meeting, Progressive farmer S. Jagjeet Singh from village Nangali praised the role of KrishiVigyan Kendra in increasing production of maize and other crops in the area. He also informed the Chairman that KVK had organized several awareness programmes, ghoshties, animal camps and also established cutting and stitching centre by providing sewing machines in different panchayats of Poonch district. On this occasion different representatives of media also congratulated Chairman for dynamic and visible presence of KVK Poonch among farming community.

Chairman directed KVK Poonch to focus on diversification of agriculture i.e. Bee keeping, processing and value addition of products under Atam Nirbhar Bharat to increase farmers income to achieve the goal of doubling farmers income by 2022. While discussing the examples of progressive farmers who have realized higher income in agriculture, he explained that various models including Integrated farming system can enhance the farmer's income. He directed Sr Scientist and Head KVK Poonch and line Departments to focus on activities to realize more income from less land. There is a need to develop Integrated Farming System model in 1 acre at KVK farm to popularize the benefit of IFS, he said. He also directed to generate planting material of grafted pecan nut. He further directed SMS Fruit science to submit a paper on pecan nut (2-3 pages) within two days depicting origin, care, management, constraints and marketing. He also stressed on the formation of FPOs by KVK Poonch and work on the better market linkage of the farmers product and processing of high value crop branding.

(Action: KVK Poonch, Department of Agriculture)

The meeting ended with the vote of thanks proposed by Dr. Muzzafar Mir, Scientist (Fruit Science), KVK Poonch. Proceedings of the meeting were recorded by Dr Muneeshwar Sharma, SMS Plant Protection, KVK Poonch.

Annexure I

List of Participants in 11th SAC meeting held on 30th of December, 2020

S. No.	Name	Designation
1.	Professor J. P. Sharma	Hon'ble Vice Chancellor SKUAST-Jammu (Chairman)
2.	Dr. Sumati Sharma	Scientist, DRDO
3.	Dr. S. K. Gupta	Director Extension, SKUAST-Jammu
4.	Dr. Deepak Srivastava,	In-charge RARS, Rajouri
5.	Dr. Rakesh Sharma,	Sr. Scientist Extension, Directorate of Extension
6.	Sh. ArvindBaru	Chief Agricultural Officer, Poonch
7.	Dr. Bikramjit Singh	Chief Animal Husbandry Officer, Poonch
8.	Sh. RajinderLochan	Chief Horticulture Officer, Poonch
9.	S. Ameet Singh Sudan	District Sericulture Officer, Poonch
10.	Dr.Sandeep Bassan	Veterinary Assistant surgeon, Sheep Husbandry Department, Poonch
11.	Dr. Pawan Sharma	Scientist Agriculture Economics, Directorate of Extension
12.	Dr. Ajay Gupta	I/c Sr. Scientist & Head, KVK, Poonch, Member SAC
13.	Sh. Rajinder Khajuria	Assistant Soil Conservation Officer, Poonch
14.	Sh. Vikas Sharma	Banking Associate, Poonch
15.	Mohd. Azam	Tehsil Social Welfare Officer, Poonch
16.	S. Jagjeet Singh	Progressive farmer
17.	Smt. Jamila Akhter	Progressive farmer
18.	Smt. Tasreer Akhter	Progressive Farmer
19.	Dr. Muzafar Mir	Scientist, Fruit Science, KVK ,Poonch
20.	Dr. Muneeshwar Sharma	Scientist, Plant Protection, KVK, Poonch
21.	Dr. Sudhir Singh Jamwal	Programme Assistant , KVK Poonch

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

2. DETAILS OF DISTRICT (2020) (Jan-Dec)

Poonch is located on the Southern slopes of Pir Panjal range and as such is rugged with spurs and valleys. It lies between 33^0 25' to $34^0$10' North latitude and 73^0 58' to 74^0 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 ^{0} C**		**Relative Humidity (%)**
		Maximum	**Minimum**	
January 2020	182.5	N.A.	N.A.	N.A.
February 2020	32.5	N.A.	N.A.	N.A.
March 2020	127.5	N.A.	N.A.	N.A.
April 2021	lockdown	N.A.	N.A.	N.A.
May 2021	100	N.A.	N.A.	N.A.
June 2021	27.5	N.A.	N.A.	N.A.
July 2021	148.0	N.A.	N.A.	N.A.
August 2021	312.7	N.A.	N.A.	N.A.
September 2021	96.5	N.A.	N.A.	N.A.
October 2021	0.0	N.A.	N.A.	N.A.
November 2021	85.5	N.A.	N.A.	N.A.
December 2021	10	N.A.	N.A.	N.A.
	1122.7*			

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

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred	53432	36000 MT (Milk)	5 lts/day in 305 days
Indigenous	38626	18000 MT (Milk)	3 lts/day in 305 days
Buffalo	113284	45000 MT (Milk)	3 lts/day in 305 days
Sheep			
Crossbred	128926	Mutton 26.389 lakh kg	

		Wool 2.957 lakh kg	
Indigenous	30640	151900	
Goats	134678	653600	
Pigs	--	--	--
Crossbred	--	--	--
Indigenous	--	--	--
Rabbits	21	--	--
Poultry			
Hens	--	--	--
Desi	--	--	--
Improved	183708	127 Lakh eggs	80 eggs/layer/year
Ducks	--	--	--
Turkey and others			

Category	**Area**	**Production**	**Productivity**
Fish	--	--	--
Marine	3 ha	14.3 tonnes	5.0 t/ha
Inland	--	411.3 tonnes	
Prawn	--	--	--
Scampi	--	--	--
Shrimp	--	--	--

2.7 Details of Operational area / Villages (2020) (Jan-Dec)

S.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,	Maize (*Zea mays*), Paddy (*Oryza sativa*), 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. -
2	Mandi	Mandi	Sathra, Rajpura, Mandi, Loran, Saujian	Maize (*Zea mays*), Rajmash (*Phaseolus* sp.), walnut appler & 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 - -Training & Pruning -INM in fruits
3	Loran	Surankote, Bufliaz	Loran Sib Butterkot	Maize (*Zea mays*) Rajmash (*Phaseolus* sp.)	- Low Productivity in maize - Large Mono-cropped area - Attack of insect pest in rajmash under mixed cropping	- Seed treatment - IPM in rajmash -SCH in maize - Training & Pruning -
4	Mendhar	Mendhar	Butterkot	Mustard Wheat (*Triticum aestivum*)	- Problem of weed management in wheat -	- Standardization of wheat Production technology under rainfed conditions - IPM and IDM

5.	Balakote		Balakote	Maize (*Zea mays*)	- Low productivity in maize - Low productivity in pomegranate -	- INM & IPM in Maize - -Control of anar butterfly

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Maize (*Zea mays*)	- Integrated Nutrient & Pest Management - Introduction of single cross hybrids
Paddy (*Oryza sativa*)	- Integrated Nutrient Management, IPM/IDM , Weed management
Wheat (*Triticum aestivum*)	- Standardization of Production technology under rainfed conditions, Weed management
Pulses Rajmash (Phaseolus vulgaris)	- 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 (*Pyrus communis*)	Micro Nutrient Management, Rejuvenation of Old Orchards, IPM/IDM
Plum (*Prunus domestica*),	Application of Micronutrients, Rejuvenation of Old Orchards, IPM/IDM
Apple (*Malus sylvestris*)	Promoting INM, IPM/IDM
Walnut (*Juglans* spp.)	Production of quality planting material of walnut at KVK Farm
Pecan nut (*Carya illinoinensis*)	Production of quality planting material of pecanut at KVK farm
Strawberry (Fragaria × ananassa)	Runner production of different varieties at KVK farm.
Plant Protection	IPM/IDM in cereal crops, vegetables and fruit crops
Animal Husbandry	
Cow, Buffalo, Sheep, Goat	Disease Management in Sheep & Goat

* An example for guidance only

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2020 (Jan-Dec)

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
3	3	15	15	08	10	350	383
							42.1 ha

3.A.1 FLDs Conducted under CFLDs on Oilseed

FLD (Oilseeds)			
Number of FLDs		Number of Farmers	
Targets	Achievement	Targets	Achievement
Nil	NIL	Nil	NIL

3.A.2 FLDs Conducted under CFLDs on Pulses

FLD (Pulses)			
Number of FLDs		Number of Farmers	
Targets	Achievement	Targets	Achievement
Nil	NIL	Nil	NIL

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	35	700	44	930				
Rural youth	04	80	03	52				
Extn. Functionaries	04	80	06	139				
T & V Meet	05	100	03	77				
Sponsored trainings	03	60	05	118				

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
11	13.1	2000	4700
	0.20		

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	*Achievement*	*Target*	*Achievement*
		200	500
		10	10

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	Production Technology	Maize	Low Productivity due to low yielding varieties	-	Promotion of High yielding SCHs	-	-	-	**01**	0.20	-	-	-	
3	composite	Maize	-	-	Promotion of University Maize Composite JMC-3	-	-	-	-	0.70	-	-	-	-
4	Balance Fertilier Appplication	Rabi Cereals	Imbalance use of fertilizers	-	-	**01**	-	-	-	-	-	-	-	-
5	-	Wheat	Low Productivity due to traditional varieties	-	Promotion of HYV in Wheat WH 1080	-	--	-	-	13.0	-	-	-	
6	-	wheat	Problem of weeds	-	--	-	-	01	-	-	-	-	-	-
7	Fodder Crop production	Napier	-	-	Promotion of Napier hybrid on bunds for increasing fodder	-	-	-	-	-	2500 rooted slips	-	-	
8	Fodder Crop production	Oats	Scarcity of fodder Mono cropping	-	Promotion of Oats in monocropped area of Poonch Distt. (Kent)	-	-	-	-	4.50	-	-	-	
9	-	-	-	-	Promotion of high yielding varieities (Sabzaar)	-	-	-	-	12.35	-	-	-	-
10	Production Technology	Rabi fodder	Scarcity of Fodder			01	-	-	-	-	-	-	-	-

11	Fertility management		Lack of knowledge of vermicomost	-	-	01	-	-	-	-	-	-	-	-
12	Capacity building		Lack of knowledge of CSS	-	-	02	-	-	-	-	-	-	-	-
13	Weed management	Rabi /kharif Field Crops	Low production due to weeds	-	-	02	-	-	-	-	-	-	-	-
14	Soil Testing	Field soil	Lack of knowledge of soil fertility	-	-	01	-	-	-	-	-	-	-	-
15	Crop diverification			-	-	01	-	-	-	-	-	-	-	-
Fruit Science						-	-		-	-	-	-	-	-
16	INM	Fruit crops	Imbalance dose of fertilizers	-	-	02	-	-	-	-	-	-	-	-
17	QPM	Apple	Lack of quality planting material	Effect of varied pruning intensities on yield and quality of apple	-	-	-	-	-	-	250 apple plants	-	-	-
18	QPM	Walnut	Lack of quality planting material		Promotion of quality planting material	-	-	-	-	-	2.0			
19	QPM	Pecan nut	Lack of quality planting material		Promotion of quality planting material	-	-	-	01		2.0			
20	Production technology	Garlic	Low Productivity due to low yielding varieties		Promotion of improved variety G313		-	-	-	0.25				
21	Nursery management	Vegetable crops	Poor nursery management			01	-	-	-	-	-	-	-	
22	Protected cultivation	Vegetable crops	Low yielding variety		Replacement of variety in Tomato	01		02		1.0				

23		Vegetable crops	Lack of scientific knowledge	-	-	-	-	01	-	-	-	-	-	-
24	Vegetable production technology	Winter Vegetable crops	Lack of scientific knowledge	-	-	01	-	-	-	-	-	-	-	-
25	Propagation Techniques	Fruit crops	Lack of knowledge of propogation techniques	-	-	01	-	-	-	-	-	-	-	-
26	Canopy management	Fruit crops	Poor management of orchards	-	-	06	01	01	-	-	-	-	-	-
27	Canopy management	Fruit crops	Lack of scientific knowledge of training and pruining	-	-	01		01	-	-	-	-	-	-
28	Management of orchards	Fruit crops	Poor fruit set/ pollination	-	-	02	-	-	-	-	-	-	-	-
29	Management of orchards	Fruit crops/	Low production due to low density of plants	-	-	02	-	-	-	-	-	-	-	-
30	Management of orchards	Apple	Low production due to low density of plants		Introduction of High Density Planting in Apple	-	-	-	-	-	-	-	-	-
		saffron	Introduction of saffron	-	-	-	-	-	02		-	-	-	-
	Value addition in fruit and vegetables	Fruits and vegetables	Post harvest	-	-	01	01	-	-	-	-	-	-	-
Plant Protection														

23	Mushroom Production	Mushroom	Lack of knowledge in Mushroom	-	-		02		-	-	-	-	-	-
24	IPM & IDM	Field, Vegetable and Fruit crops	No use of Biocontrol agents	-	-	02		01		-	-	-	-	-
25	IPM	Maize		Management of turcicum blight in maize	-	-	-	-	-	0.75	37.5g mancozeb+ 15 ml propiconozole			
26	IDM	Rajmash	Low yield due to Anthracnose		Management of Anthracnose in Maize+Rajmash	-`		-	01	2.0	Carbendazim 1 kg		-	
27	IPM & IDM	Vegetables	Poor management practices		-	01	-	-	-	-	-	-	-	-
28	IPM	Maize + Rajmash under mixed cropping	No plant protection measures adopted	-	-	01	-	-	-	-	-	-	-	-
29	IDM	Chillies	Wilt management	Management of wilt in chilies	-	01	-	-	-	0.75	15 g carbendazim+ 5g thiram+ streptocyclene 5g+ mancozeb 500g			
30	IPM & IDM	Paddy	Poor nursery management	-	-	01	-	-	-	-	-	-	-	-
31	IPM & IDM	Field, Vegetable and Fruit crops	seed and soil borne diseases	-	-	02	-	-	-	-	-	-	-	-
32	Safe use of Pesticides	Field, Vegetable and Fruit crops	Application techniques			01		01						
33	IPM & IDM	Pecanut crops				03								

34	IPM & IDM	apple				04								
35	IPM & IDM	wheat				01								
				03	10	44	03	06	05					

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	Tuber Crops	TOTAL
Varietal Evaluation									
Seed / Plant production									
Weed Management									
Integrated Crop Management									
Integrated Nutrient Management									
Integrated Farming System									
Mushroom cultivation									
Drudgery reduction									
Farm machineries									
Training & Pruning						01			01
Integrated Pest Management	-	-	-	-	-	-	-	-	-
Integrated Disease Management	01	-	-	-	01	-	-	-	02
Resource conservation technology	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-
TOTAL	**01**				**01**	**01**			**03**

* *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	Tuber Crops	TOTAL
Varietal Evaluation									
Seed / Plant production									
Weed Management									
Integrated Crop									

Management									
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-
Training and Pruning									
Integrated Pest Management									
Integrated Disease Management									
Resource conservation technology									
Small Scale income generating enterprises									
TOTAL									

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

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

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

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

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

3.2. Achievements on technologies Assessed and Refined

3.2.1. Technologies Assessed under various Crops

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trail covering all the Technological Options)*
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management	Apple	Effect of varied pruning intensities on yield and quality of apple	5	5	0.75
Integrated Disease Management	Maize	Management of Turcicum leaf blight in Maize	5	5	0.15
	chilli	Management of wilt in chilli	5	5	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

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

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

3.2.3. Technologies assessed under Livestock and other enterprises

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

3.2.4. Technologies Refined under Livestock and other enterprises

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

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

A. Technology Assessment

Trial 1

1)	Title	:	Management of Turcicum leaf blight in maize
2)	Problem diagnose/defined	:	Low production due to Turcicum leaf blight disease
3)	Details of technologies selected for assessment /refinement	:	I Farmers Practice (No measures) II Three sprays of Mancozeb @2.5 gm/l after the emergence of disease III Three sprays of Propiconazole @ 1ml/l after the emergence of disease
4)	Source of technology	:	Package of practices of CSHPKV Palampur
5)	Production system thematic area	:	Rainfed
6)	Thematic area	:	Integrated disease Management
7)	Performance of the Technology with performance indicators	:	Results recorded from the trial at farmers field revealed that the minimum % disease incidence (5 %) of Turcicum leaf blight in maize and maximum yield of 5504 Kg/ha was recorded from the Treatment III (three sprays of Propiconazole @ 1ml/l after the emergence of disease) followed by Treatment II (three sprays of Mancozeb @ 2.5 gm/l after the emergence of disease) 9.0 % disease incidence and 4920 Kg/ha yield, whereas, and maximum disease incidence (39 %) and lowest yield (3360 Kg/ha) was recorded from Ttreatment I Farmers practice (No measures).
8)	Final recommendation for micro level situation	:	Trial stage to continue.
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 fungicides.
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
Maize	Rainfed	Low production due to Turcicum leaf blight disease	Management of Turcicum leaf blight	05	Treatment-I Farmers Practice (No measures)	% disease incidence	39	Least % disease incidence was recorded after Three Sprays of Propiconazole @ 1 ml/lt after the emergence of disease	Farmers are satisfied with the results of the three Sprays of Propiconazole @ 1 ml/lt after the emergence of disease and are willing to apply the same in future in their fields
					Treatment II Three Sprays of Mancozeb @ 2.5 gm/l after the emergence of disease		9		
					Treatment- III Three Sprays of Propiconazole @ 1 ml/lt after the emergence of disease		5		

**** No. of farmers***

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
Treatment-I Farmers Practice (No Chemical)	3360	27400	2.19
Treatment II Three Sprays of Mancozeb @ 2.5 gm/l after the emergence of disease	4920	49300	3.01
Treatment- III Three Sprays of Propiconazole @ 1 ml/lt after the emergence of disease	5840	63100	3.57

****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. Technology Refinement

Trial 1

1) Title : Management of wilt in chilli
2) Problem diagnose/defined: Low production due to chilli wilt
3) Details of technologies selected for assessment /refinement :

I Farmers Practice (No measures)
II Seed treatment with Carbendazim+Thiram (1:1)@ 3 g/Kg seed + Seedling dip before transplanting Carbendazim (0.1%)+Streptocycline (100 ppm) for 30 minutes (POP SKUAST-J)
III Seedling dip before transplanting Carbendazim (1 gm/lt) for 20 minutes+ Flooding of field with Mancozeb (45 gm/10 lt) or Carbendazim (1 gm/lt) (Intervention)

4) Source of technology : Package of practices of SKUAST-J
5) Production system thematic area : Rainfed
6) Thematic area : Integrated disease Management
7) Performance of the Technology with performance indicators : Results recorded from the trial at farmers field revealed that the minimum % disease incidence (6 %) of wilt in chilli and maximum yield of 2216 Kg/ha was recorded from the Treatment II (Seed treatment with Carbendazim+Thiram (1:1)@ 3 g/Kg seed + Seedling dip before transplanting Carbendazim (0.1%)+Streptocycline (100 ppm) for 30 minutes) followed by Treatment III (Seedling dip before transplanting Carbendazim (1 gm/lt) for 20 minutes+ Flooding of field with Mancozeb (45 gm/10 lt) or Carbendazim (1 gm/lt)) 11 % disease incidence and 1992 Kg/ha yield, whereas, and maximum disease incidence (49 %) and lowest yield (1044 Kg/ha) was recorded from Ttreatment I Farmers practice (No measures).
8) Final recommendation for micro level situation : First year of OFT more trials are required for final recommendation
9) Constraints identified and feedback for research : Non availability of quality plant protection chemicals and hybrid seed of chilli in local market and reliability of farmer on shopkeepers for selection of fungicides and local germplasm of chilli.
10) Process of farmers participation and their reaction :

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
1	2	3	4	5	6	7	8	9	10
Chilli	Rainfed	Low productivity due to wilt disease	Management of chilli wilt	05	Farmers Practice	% disease incidence	49	Least % disease incidence and maximum yield was recorded in Seed treatment with Carbendazim+Thiram (1:1)@ 3 g/Kg seed + Seedling dip before transplanting Carbendazim (0.1%)+Streptocycline (100 ppm) for 30 minutes	Farmers are satisfied with the results of the treatment Seed treatment with Carbendazim+Thiram (1:1)@ 3 g/Kg seed + Seedling dip before transplanting Carbendazim (0.1%)+Streptocycline (100 ppm) for 30 minutes and are willing to apply the same in future in their fields
					Seed treatment with Carbendazim+Thiram (1:1)@ 3 g/Kg seed + Seedling dip before transplanting Carbendazim (0.1%)+Streptocycline (100 ppm) for 30 minutes		6		
					Seedling dip before transplanting Carbendazim (1 gm/lt) for 20 minutes+ Flooding of field with Mancozeb (45 gm/10 lt) or Carbendazim (1 gm/lt)		11		

**** No. of farmers***

Technology Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
12	13	14	15
Farmers Practice	1044	67960	3.61
Seed treatment with Carbendazim+Thiram (1:1)@ 3 g/Kg seed + Seedling dip before transplanting Carbendazim (0.1%)+Streptocycline (100 ppm) for 30 minutes	2216	172940	7.53
Seedling dip before transplanting Carbendazim (1 gm/lt) for 20 minutes+ Flooding of field with Mancozeb (45 gm/10 lt) or Carbendazim (1 gm/lt)	1992	152280	6.76

****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 1

1)	Title	:	Effect of varied pruning intensities on yield and quality of apple
2)	Problem diagnose/defined	:	Low yield and quality due to imbalanced vegetative and reproductive growth
3)	Details of technologies selected for assessment /refinement	:	I Farmers Practice (More heading back and less thinning out) II ¼ heading back and thinning out (Recommended) III 1/3 heading back and thinning out (Intervention)
4)	Source of technology	:	CSKHPKV Palampur-H.P
5)	Production system thematic area	:	Rainfed
6)	Thematic area	:	canopy management
7)	Performance of the Technology with performance indicators	:	Results noticed from the trial at farmers field revealed that the maximum fruit yield and quality was recorded from the treatment III (1/3 heading back and thinning out) followed by treatment II (¼ heading back and thinning out), whereas, the minimum fruit yield and quality was recorded from treatment I Farmers practice (More heading back and less thinning out).
8)	Final recommendation for micro level situation		: Trial stage to continue.
9)	Constraints identified and feedback for research		: lack of knowledge of farmers with respect to the scientific canopy management to maintain the balance between vegetative and reproductive growth.
10)	Process of farmers participation and their reaction	:	Farmers actively participated in the trial and were satisfied with the performance of scientific canopy management and were ready to adopt it in the future for obtaining optimum yield and good quality of fruits.

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	Low yield and quality due to imbalanced vegetative and reproductive growth	Effect of varied pruning intensities on yield and quality of apple	5	T1:Farmers Practice (More heading back and less thinning out)	Yield	30	maximum fruit yield and quality was recorded from the treatment III (1/3 heading back and thinning out)	Farmers are very much satisfied with the treatment and are willing to adopt the scientific canopy management practices in their orchards
					T2:¼ heading back and thinning out (Recommended)		84		
					T3: 1/3 heading back and thinning out (Intervention)		90		

**** No. of farmers***

Technology Assessed	*Production per unit(kg/tree)	Net Return (Profit) in Rs. / ha	BC Ratio
11	12	13	14
T1:Farmers Practice (More heading back and less thinning out)	30	179000	2.93
T2:¼ heading back and thinning out	84	581000	6.38
T3: 1/3 heading back and thinning out	90	629000	6.91

****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 2020 (Jan-Dec)

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*	*OBC*	*Others*	*Total*	
	Oilseeds														
	Pulses	rainfed	Kharif 2020	Rajmash	Local loran	-	IDM	Disease management	2.0	2.0	0	0	20	20	
	Cereals	Rainfed	Kharif 2020	Maize	PA 4794	PA 4794	Replacement of traditional varieties	SCHs	1	1	02	0	02	4	
			Kharif 2020	Maize	JMC 3		Promotion of composite	-	-	4	11	0	03	14	
		Rainfed	Rabi-2020	Wheat	WH 1080		Seed replacement	Improved variety	13	13	28	0	52	80	Rainfed
					VL Gehun 892		seed	Improved seed	0.0	1.6	03	0	05	08	
	Millets														
	Vegetables	Rainfed		garlic	Agrifound parvati		Seed replacement		0.25				05		
		Rainfed	Kharif 2020	tomato					1.0				25		
	Flowers														
	Fruit	Rainfed	Rabi-2020	Apple		-	Popularization of QPM in apple		1.0	1.0	0	0	29	29	
		Rainfed	Rabi-2020	Walnut		-	Popularization of QPM in walnut								

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	OBC	Others	Total	
	Spices and condiments														
	Commercial														
	Medicinal and aromatic														
	Fodder	Rainfed	Rabi-2020-21	Oat	Kent	-	Replacement of fodder wheat with oat	Introduction of oat as fodder crop	45	4.5	33	12	45		Rainfed
		Rainfed	Rabi-2020-21	Oat	Sabzaar				170	12.35	120	50	170		Rainfed
											153	62			
	Dairy														
	Poultry														
	Piggery														
	Sheep and goat														
	Button mushroom														
	Vermicompost		Rabi-2020-21					Demonstrations on Vermicompost technology under Swachtaa Action Plan						15	
	IFS														

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	OBC	Others	Total	
	Apiculture														
	Others (specify)			Napier root slips			Promotion of napier hybrid		0.10	0.10				50	

4.A. 1. Soil fertility status of FLDs plots during 2020 (Jan-Dec)

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

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*	
	Fodder											
	Plantation											
	Dairy											
	Poultry											
	Piggery											
	Sheep and goat											
	Button mushroom											
	Vermicompost											
	IFS											
	Apiculture											
	Implements											
	Others (specify)											

B. Results of Frontline Demonstrations

4.B.1. Crops

Crop	*Name of the technology demonstrated*	*Variety*	*Hybrid*	*Farming situation*	*No. of Demo.*	*Area (ha)*	*Yield (q/ha)*				*% Increase*	**Economics of demonstration (Rs./ha)*				**Economics of check (Rs./ha)*			
							Demo			*Check*		*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*** BCR*
							H	L	A										
Oilseeds																			
Pulses	IDM	Local Loran	-	Rainfed	20	2.0	7.1	4.6	5.81	2.83	46.10	24000	159775	135775	6.66	22500	77825	55325	3.46
Cereals																			
Maize	Hybrid		PA 4794	Rainfed	04	1.0	56.4	40.2	44.3	30.1	47.18	25400	77968	52568	3.07	21900	52976	31076	2.42
	composite	JMC 3		Rainfed	14	4.0	36.0	32.0	34	27.4	24.09	21600	59840	38240	2.77	21900	48224	26324	2.20
Wheat	Variety	WH 1080	-	Rainfed	80	13.0	39.4	29.0	33.8	27.2	24.26	20600	62192	41592	3.02	24000	50048	26048	2.09
Millets																			
Vegetables	Variety	Agrifound parvati	-	Rainfed	05	0.25	96.2	78.2	87.2	72.8	19.78	175000	697600	522600	3.99	160000	582400	422400	3.64
	Variety	tomato			25	1.0													
Flowers																			
Fruit	QPM	Pecan nut	-	Rainfed	10	2.0-	-	-	-	-	-	-	-	-	-	-	-	-	-
	QPM	Walnut	-	Rainfed	10	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial																			
Medicinal and aromatic																			
Fodder																			

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										
Oats	Variety	Kent	-	Rainfed	45	4.5	314	288	302	256	17.97	20600	78520	57920	3.81	22000	66560	44560	3.03
		Sabzaar			170	12.35	340	304	316	258	22.48	20100	82160	62060	4.09	22000	67080	45080	3.05

Maize @ Rs/ 1760/q
rajmash @ Rs 27500/q
wheat @ Rs 1840/q
Oats green fodder @ Rs 260/q

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST ; H – Highest Yield, L – Lowest Yield A – Average Yield

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

Data on other parameters in relation to technology demonstrated					
Crop	***Technology to be demonstrated***	***Variety/ Hybrid***	***Parameter with unit***	***Demo***	***Check***
Maize	IDM		% disease incidence	5	39
Chillies	IDM		% disease incidence	6	49

4.B.2. Livestock and related enterprises

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

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

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

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

4. B.3. Fisheries

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

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H-High L-Low, A-Average

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

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

4.B.4. Other enterprises

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

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H-High L-Low, A-Average

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

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

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

Sl.No.	***Activity***	***No. of activities organised***	***Number of participants***	***Remarks***
1	Field days	**05**	**103**	
2	Farmers Training			
3	Media coverage			
4	Training for extension functionaries			
5	Others (please specify)			

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

A) **ON Campus**

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

Integrated Farming	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
II Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-

Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry	-	-	-	-	-	-	-	-	-	-

and fingerlings										
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-
(B) RURAL YOUTH										
Mushroom Production	2	20	0	20	11	0	11	31	0	31
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	1	11	0	11	10	0	10	21	0	21
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	3	31	0	31	21	0	21	52	0	52
(C) Extension Personnel										
Productivity enhancement in field crops	01	18	0	18	01	0	01	19	01	19
Integrated Pest Management	01	23	0	23	01	0	01	24	0	24
Integrated Nutrient management	01	39	0	39	0	0	0	39	0	39
Rejuvenation of old orchards	01	18	0	18	01	0	01	19	0	19
Protected cultivation technology	02	36	01	37	01	0	01	37	01	38
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	134	1	135	4	0	4	138	2	139

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	02	20	09	29	06	19	25	26	28	54
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification	01	20	10	30	0	0	0	20	10	30
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Fodder production	01	0	14	14	0	01	01	0	15	15
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
II Horticulture	-	-	-	-	-	-	-	-	-	-

a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops										
Off-season vegetables	01	11	10	21	05	04	09	16	14	30
Nursery raising	01	07	04	11	04	0	04	11	04	14
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	07	100	0	100	43	1	44	143	1	144
Layout and Management of Orchards										
Cultivation of Fruit	02	27	0	27	13	0	13	40	0	40
Management of young plants/orchards	02	24	0	24	17	0	17	41	0	41
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	01	15	01	16	08	02	10	23	03	26
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	01	22	0	22	0	0	0	22	0	22
Production and use of organic inputs	01	09	09	18	05	01	06	14	10	24
Management of Problematic soils										
Micro nutrient deficiency in crops	01	08	0	08	07	0	07	15	0	15
Nutrient Use Efficiency	01	06	01	07	05	07	12	11	08	19
Soil and Water Testing	01	10	0	10	13	02	15	23	02	25
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	01	08	16	24	06	0	06	14	16	30
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	70	23	93	19	01	20	89	24	113
Integrated Disease Management	12	143	44	187	45	2	47	189	45	234
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	-	-	-	-	-	-	-	-	-	-

CapacityBuilding and Group Dynamics										
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	02	23	20	43	09	01	10	32	21	53
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
TOTAL	44	523	161	684	205	41	246	729	201	929
(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	02	20	09	29	06	19	25	26	28	54
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification	01	20	10	30	0	0	0	20	10	30
Integrated Farming										
Water management										
Seed production										
Nursery management										
Integrated Crop Management										
Fodder production	01	0	14	14	0	01	01	0	15	15
Production of organic inputs										
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops										
Off-season vegetables	01	11	10	21	05	04	09	16	14	30
Nursery raising	01	07	04	11	04	0	04	11	04	14
Exotic vegetables like Broccoli										
Export potential vegetables										
Grading and										

standardization										
Protective cultivation (Green Houses, Shade Net etc.)										
b) Fruits										
Training and Pruning	07	100	0	100	43	1	44	143	1	144
Layout and Management of Orchards										
Cultivation of Fruit	02	27	0	27	13	0	13	40	0	40
Management of young plants/orchards	02	24	0	24	17	0	17	41	0	41
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques	01	15	01	16	08	02	10	23	03	26
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	01	22	0	22	0	0	0	22	0	22
Production and use of organic inputs	01	09	09	18	05	01	06	14	10	24
Management of Problematic soils										
Micro nutrient deficiency in crops	01	08	0	08	07	0	07	15	0	15
Nutrient Use Efficiency	01	06	01	07	05	07	12	11	08	19
Soil and Water Testing	01	10	0	10	13	02	15	23	02	25
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	01	08	16	24	06	0	06	14	16	30
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	70	23	93	19	01	20	89	24	113
Integrated Disease Management	12	143	44	187	45	2	47	189	45	234
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 CapacityBuilding and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	02	23	20	43	09	01	10	32	21	53
Entrepreneurial development of farmers/youths										
WTO and IPR										

issues										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
TOTAL	44	523	161	684	205	41	246	729	201	929
(B) RURAL YOUTH										
Mushroom Production	2	20	0	20	11	0	11	31	0	31
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	1	11	0	11	10	0	10	21	0	21
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	3	31	0	31	21	0	21	52	0	52
(C) Extension Personnel										
Productivity enhancement in field crops	01	18	0	18	01	0	01	19	01	19
Integrated Pest Management	01	23	0	23	01	0	01	24	0	24
Integrated Nutrient management	01	39	0	39	0	0	0	39	0	39
Rejuvenation of old orchards	01	18	0	18	01	0	01	19	0	19
Protected cultivation technology	02	36	01	37	01	0	01	37	01	38
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	134	1	135	4	0	4	138	2	139

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

Date	**Clientele**	**Title of the training programme**	**Discipline**	**Thematic area**	**Duration in days**	**Venue** (Off / On Campus)	**Number of other participants**			**Number of SC/ST**			**Total number of participants**		
							M	**F**	**Total**	**M**	**F**	**Total**	**M**	**F**	**Total**
08.01.2020	Farmer	Weed management in rabi crops	CP	Weed management	01	Off campus	18	9	27	0	0	0	18	9	27
15.01.2020	Farmer	IPM/IDM in wheat crop"	PP	IDM	01	Off campus	17	8	25	0	0	0	17	8	25
25.01.2020	Farmer	Canopy management in fruit crops"	Hort	Canopy Management	01	Off campus	22	0	22	3	0	3	25	0	25
26.01.2020	Farmer	Canopy management in fruit crops"	Hort	Canopy Management	01	Off campus	19	0	19	1	0	1	20	0	20
27.01.2020	Farmer	Canopy management in fruit crops"	Hort	Canopy Management	01	Off campus	11	0	11	09	0	09	20	0	20
01.02.2020	Farmer	Canopy management in fruit crops"	Hort	Canopy Management	01	Off campus	13	0	13	06	0	06	19	0	19
03.02.2020	Farmer	Canopy management in fruit crops"	Hort	Canopy Management	01	Off campus	11	0	11	09	0	09	20	0	20
11.02.2020	Farmer	vermicompost importance and methods of vermicompost making	CP	Production of organic inputs	01	Off campus	09	09	18	05	01	06	14	10	24
17.02.2020	Farmer	High density planting in Fruit Crops	Hort	Management of young plants/orchards	01	Off campus	17	0	17	04	0	04	21	0	21
20.02.2020	Farmer	High density planting in Fruit Crops	Hort	Management of young plants/orchards	01	Off campus	07	0	07	13	0	13	20	0	20

21.02.2020	Farmer	Pollination and its importance	Hort	Cultivation of Fruit	01	Off campus	07	0	07	13	0	13	20	0	20
24.02.2020	Farmer	IPM/IDM in Apple	PP	IPM	01	Off campus	20	0	20	0	0	00	20	0	20
25.02.2020	Farmer	IPM/IDM in Apple	PP	IDM	01	Off campus	07	09	16	0	0	0	07	09	16
26.02.2020	Farmer	IPM/IDM in Apple	PP	IDM	01	Off campus	17	0	17	04	0	04	21	0	21
26.02.2020	Farmer	IPM/IDM in Apple	PP	IDM	01	Off campus	17	0	17	06	0	06	23	0	23
27.02.2020	Farmer	IPM/IDM in Summer Vegetables	PP	IDM	01	Off campus	14	0	14	06	0	06	20	0	20
28.02.2020	Farmer	IPM/IDM in Pecannut	PP	IDM	01	Off campus	13	0	13	09	0	09	22	0	22
02.03.2020	Farmer	IPM/IDM in Pecannut	PP	IPM	01	Off campus	11	0	11	10	0	10	21	0	21
03.03.2020	Farmer	Insect Pest Management in nut crops	PP	IPM	01	Off campus	14	09	23	0	0	0	14	09	23
08.03.2020	Farmer	Centrally sponsored schemes (KCCs) for the benefit of farmers”	CP		01	Off campus	19	0	19	06	0	06	25	0	25
10.03.2020	Farmer	Pollination and its effect on fruit set	Hort	Cultivation of Fruit	01	Off campus	20	0	20	0	0	0	20	0	20
12.03.2020	Farmer	Judicious use of fertilizers in fruit crops	Hort	INM	01	Off campus	22	0	22	0	0	0	22	0	22
03.06.2020	Farmer	Insect Pest and Disease Management in Paddy Nursery	Plant protection	Insect Pest and Disease Management	01	Off campus	12	04	16	0	0	0	12	04	16
16.07.2020	Farmer	Nutritional disorders in fruit crops.	Horticulture	Nutritional disorders	01	Off campus	08	0	08	07	0	07	15	0	15

28.07.2020	Farmer	Wilt management in Chillies	Plant protection	Wilt management	01	Off campus	10	04	14	02	0	02	14	02	16
05.08.2020	Farmer	Safety concerns during use of Pesticides in Agriculture	Plant protection	Safety concerns during use of Pesticides	01	Off campus	10	05	15	04	0	04	14	05	19
26.08.2020	Farmer	Propagation Techniques in fruit crops	Horticulture	Propagation Techniques	01	Off campus	15	01	16	08	02	10	23	03	26
27.08.2020	Farmer	Weed Management in Kharif crops	Crop production	Weed management	01	Off campus	02	0	02	06	19	25	08	19	27
04.09.2020	Farmer	Centrally sponsored schemes for the benefit of farmers	Crop production	Centrally sponsored schemes	01	Off campus	04	20	24	03	01	04	07	21	28
13.09.2020	Farmer	"Value addition of Fruits & vegetables"	Horticulture	Value addition	01	Off campus	08	16	24	06	0	06	14	16	30
14.09.2020	Farmer	Importance of soil testing	Crop production	Soil testing	01	Off campus	10	0	10	13	02	15	23	02	25
15.09.2020	Farmer	Managing pests with Low cost pheromone traps	Crop production	Pests management	01	Off campus	08	0	08	03	0	03	11	0	11
16.09.2020	Farmer	Managing pests with Low cost pheromone traps	Plant protection	Managing pests with	01	Off campus	07	09	16	02	01	03	09	10	19
18.09.2020	Farmer	"Seed Treatment for effective seed and soil borne diseases	Plant protection	Seed Treatment	01	Off campus	08	0	08	07	0	07	15	0	15
21.09.2020	Farmer	"Insect pest and disease management in Tomato	Plant protection	Insect pest and disease management	01	Off campus	0	19	19	0	1	01	0	20	20

01.10.2020	Farmer	Scientific cultivation of winter vegetables	Horticulture	Scientific cultivation	01	Off campus	11	10	21	05	04	09	16	14	30
12.10.2020	Farmer	Crop Diversification	Crop production	Crop Diversification	01	Off campus	20	10	30	0	0	0	20	10	30
13.10.2020	Farmer	Nursery raising in winter vegetables	Crop production	Nursery raising techniques	01	Off campus	07	04	11	04	0	04	11	04	15
14.10.2020	Farmer	Insect Pest and Disease Management in Rajmash	Plant protection	Insect pest and disease management	01	Off campus	24	0	24	01	0	01	24	01	25
23.10.2020	Farmer	Production Techniques of Rabi Fodder	Crop production	Production Techniques in fodder	01	Off campus	0	14	0	0	01	0	0	15	15
10.11.2020	Farmer	Balanced application of fertilizers in rabi crops	Crop production	Balances use of fertilizers	01	Off campus	06	01	07	05	07	12	11	08	19
02.11.2020	Farmer	Seed treatment in wheat crop	Plant protection	Seed treatment	01	Off campus	04	0	04	10	01	11	14	01	15
17.12.2020	Farmer	Canopy Management in Fruit Plants	Horticulture	Canopy Management	01	Off campus	11	0	11	09	0	09	20	0	20
19.12.2020	Farmer	Training and Pruning in fruit crops	Horticulture	Training and Pruning	01	Off campus	13	0	13	06	01	07	19	01	20
					44		**523**	**161**	**684**	**205**	**41**	**246**	**729**	**201**	**930**
In-service															
21.01.2020	Extension personnel	Use of Bio control agents for disease and pest control	PP		01	On Campus	39	0	39	0	0	0	39	0	39
02.03.2020	Extension personnel	Safety Parameters in Insecticide Usage	PP		01	On Campus	23	0	23	01	0	01	24	0	24
05.02.2020	Extension person	Protected cultivation of	Hort	Protected cultivati	01	On Campus	18	0	18	01	0	01	19	0	19

	nel	vegetable crops		on											
06.02.2020	Extension personnel	Canopy architecture management on fruit crops	Hort	Canopy Management	01	On Campus	18	0	18	01	0	01	19	0	19
16.12.2020	Extension personnel	Weed Management in rabi crops	CP	Weed management	01	On Campus	22	0	22	02	0	02	24	0	24
17.12.2020	Extension personnel	Protected cultivation in vegetable crops	Hort	Protected cultivation	01	On Campus	18	01	19	0	0	0	18	01	19
20.01.2020		T&V Workshop			01	On Campus	30	0	31	09	0	09	40	0	40
27.02.2020		T&V Workshop			01	On Campus	28	0	28	01	0	01	29	0	29
11.12.2020		T&V Workshop			01	On Campus	07	0	07	01	0	01	08	0	08

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date	Training title*	Identified Thrust Area	Duration (days)	No. of Participants									Self employed after training			Number of persons employed else where
					Others			SC/ST			Total						
					Male	Female	Total	Male	Female	Total	Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	15.02.2020 to 29.02.2020	Mushroom Cultivation Techniques	-	15	10	0	10	0	0	0	10	0	10	Self Low cost units	03	30.0 %	
Fruit crops	03.02.2020 to 09.02.2020	canopy architecture management in fruit plants	-	07	11	0	11	10	0	10	21	0	21	5	5	25%	
Mushroom	12.10.20 to 10.11 2020	"Mushroom Cultivation Techniques"		30	09	0	09	01	0	01	10	0	10	01	01	10%	

***training title should specify the major technology /skill transferred**

(E) Sponsored Training Programmes conducted by KVK

Sl. No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
								Others			SC/ST			Total				
								Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	21.02.2020	Training cum Awareness programme on PPV &FRA	PPV FRA		1	Farmer	01	04	0	04	18	0	18	22	0	22	SKUAST-K	Organized by SKUAST-K
2	20.10.2020	Workshop cum Training programme on Petroleum conservation		Petroleum conservation	01	farmer	01	29	05	34	02	0	0	31	05	36	PCRA	
3	21.10.2020				01	farmer	01	21	0	21	0	0	0	21	0	21	PCRA	
4	22.10.2020				01	farmer	01	25	0	25	0	0	0	25	0	25	PCRA	
5	16.12.20				01	farmer	01	14	0	14	0	0	0	14	0	14	PCRA	
Total					**05**		**5**	**93**	**5**	**98**	**20**	**0**	**18**	**113**	**5**	**118**		**22500/-**

(F) Skill Development Training under ASCI Conducted by selected KVKs

Sl. No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/RY/EF)	No. of courses	No. of Participants								
								Others			SC/ST			Total		
								Male	Female	Total	Male	Female	Total	Male	Female	Total
Total																

6. Extension Activities (including activities of FLD programmes) Jan-Dec 2020

Sl. No.	Nature of Extension Activity	Topic / crop	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	Apricot	01	5	0	5	5	0	5	0	0	0	10	0	10
2.	Field Day	Maize 24.10.20	1	25	0	25	0	04	04	0	0	0	25	04	29
3.	Field day	Saffron 25.11.20	1	15	03	18	04	02	06	0	0	0	19	05	24
4.	Field day	Pecan nut	1	02	0	02	18	0	18	0	0	0	20	0	20
5.	Field day	Rajmash	1	14	06	20	0	0	0	0	0	0	20	0	20
	Total		**05**	**61**	**9**	**70**	**27**	**6**	**33**	**0**	**0**	**0**	**94**	**9**	**103**
6.	Kisan Mela	kisan Mela under Kisan Pakhwada 07 to 21 July 2020	03							80	0	80			900
7.	Kisan Mela	**KVK Poonch**	01							25	0	25			475
	Total		**04**							**10 5**		**10 5**			**1375**
8.	Kisan Ghosthi														
	29.01.2020	Farmer Scientist interaction in Farmer Field School	01	30	10	40	0	0	0	06	0	06	40	06	46
	06.02.2020 and 12.02.2020	Kissan Ghosthi and farmers scientist interaction	02	33	13	46	42	11	53	0	0	0	75	24	99
	19.01.2020	Farmer Scientist interaction in Farmer Field School	01												25
	24.08.2020	Farmer scientist interaction on rajmash	02	74	15	89	06	0	06	10	0	10	95	15	110
	31.10.2020	Kisan Ghosthi on New Farm Bills	01	0	0	0	23	02	25	0	0	0	23	02	25
	26.12.2020	Kisan Ghosthi	01	18	0	18	27	0	27	21	0	21	66	0	66
		Kisan ghoshti in Animal camps	02												193
	Animal camp (TSP)		01												
			05												456
9.	Exhibition		01												85
10.	Film Show	Parthenium manageme	02	12	0	12	20	0	20	0	0	0	32	0	32

		nt													
11.	Method Demonstrations		13												398
12.	Farmers Seminar														
13.	Workshop														
14.	30.09.2020	Workshop on women empowerment	01	13	05	18	05	03	08	0	0	0	18	08	26
15.	Group meetings	T&V	03	0	0	0	0	0	0	76	01	77	76	01	77
16.	Lectures delivered as resource persons		35												3100
17.	Newspaper coverage		85										Large audience		
18.	Radio talks		07										Large audience		
19.	TV talks			-	--	TV interviews events 50					-	-	Large audience		
20.	Popular articles														01
21.	Extension Literature		06												1840
22.	Advisory Services		19	-	-	-	--	-	-	--	-	-	-	-	29644
23.	Scientific visit to farmers field		87	347	98	445	251	84	335	0	00	0	598	182	780
24.	Farmers visit to KVK			395	193	588	338	214	552	0	0	0	733	407	1140
25.	Diagnostic visits				0	0							9	0	395
26.	Exposure visits	KVK Samba	01	03	0	03	10	02	12	0	0	0	13	02	15
27.	Ex-trainees Sammelan		-	-	-	-	-	-	-	--	-	-	-	-	-
28.	Soil health Camp		-	-	-	-	-	-	-	--	-	-	-	-	-
29.	Animal Health Camp	Chatral	01	17	02	19	80	16	96	0	0	0	97	18	115
30.		Nangali	01	31	09	40	29	09	38	0	0	0	60	18	78
31.	Agri mobile clinic	-	-	-	-	-	-	-	--	-	-	-	-	-	-
32.	Soil test campaigns	-	-	-	-	-	-	-	--	-	-	-	-	-	-
33.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	--	-	-	-	-	-	-
34.	Awareness camps/prog.														
iii)		Awareness programme on plantation	01	17	3	20	41	9	50	0	0	0	58	12	70
iv)	27.01.2020	Awareness camp by Deptt of Horticulture	01			19			25			06			50
	05.03.2020	Awareness	01	55	0	55	0	0	0	02	0	02	57	0	57

		programme on weather Climate and farmers in collaboration with AFMU, Rajouri													
	27.10.2020	New Farm Bills	01	1	16	17	01	09	10	0	0	0	02	25	27
	28.10.2020	Awareness New Farm Bills	01	09	01	10	1	0	01	03	0	03	13	01	14
	05.11.2020	Awareness programme on saffron	01	22	01	23	11	0	11	0	0	0	23	11	34
			6	**104**	**21**	**144**	**54**	**18**	**97**	**5**	**0**	**11**	**153**	**49**	**252**
Live webcast															
Live Webcasting of Prime Minister	28.01.2020	Global Potato Conclave 2020 from Gandhi nagar, Gujarat and kissan Ghoshti	01	08	0	08	34	20	54	18	0	18	60	20	80
	29.08.2020	Inauguration of academic and administrative building of Rani Lakshmi Bai Central Agriculture University	01	0	0	0	22	0	22	09	0	09	31	0	31
	16.10.2020	75th foundation day of FAO addressed by Hon'ble PM													20
	25.12.2020	Live webcasting of PM event on Kissan Samman Nidhi	01	24	0	24	31	0	31	30	0	30	85	0	85
			3	**32**	**0**	**32**	**87**	**20**	**107**	**57**	**0**	**57**	**176**	**20**	**216**
35.	Self Help Group Conveners meetings	-	-	-	-	-	-	--	-	-	-	-	-	-	-
36.	Campaigns	-	-	-	-	-	-	--	-	-	-	-	-	-	-
37.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	--	-	-	-	-	-	-	-
38.	Celebration														

	of important days (specify)														
i)	ICAR Foundation Day		**01**												**30**
ii)	Mahila Kisan Diwas	15.10.2020	**01**	19	31	50	0	01	01	0	0	0	50	01	**51**
iii)	World soil day	05.12.2020	**01**	34	0	34	45	6	51	0	0	0	79	6	85
iv)	National Science Day		**01**												**30**
39.	Celebration of Special days (specify)														
i)	Celebrating 150 years of Mahatama Inter collegiate quiz competition and essay Writing	03.10.2020	**01**										12	15	**27**
	World food day	15.10.2020	**01**	05	0	05	03	0	03	10	0	10	18	0	**18**
ii)	International Women Day with B.Ed College		**01**												**60**
	Grand Total		303												4099 3

6. B. Kisan Mobile Advisory Services Jan-Dec 2020

Kisan Mobile Advisory									
Name of the KVK	**No. of farmers Covered**	**No. of Advisories Sent**	**Type of messages**						
			Crop	**Livestock**	**Weather**	**Marketing**	**Awareness**	**Other enterprise**	**Any other**
Poonch	**26959**	**19**	**CP/PP/HORTI**						

1	Poonch	CP		07.01.2020	495
2	Poonch	CP		11.02.2020	918
3	Poonch	CP		17.02.2020	1417
4	Poonch	CP		11.03.2020	1424
5	Poonch	CP		04.04.2020	1427
6	Poonch	CP		05.05.2020	1424
7	Poonch	CP		16.05.2020	1424
8	Poonch	CP		02.06.2020	1424
9	Poonch	Plant protection		21.06.2020	1423
10	Poonch	CP		01.07.2020	1423
11	Poonch	CP		15.07.2020	1425
12	Poonch	CP		06.08.2020	1425
13	Poonch	Plant protection		08.09.2020	1411
14	Poonch	CP		01.10.2020	1650
15	Poonch	CP		03.11.2020	1650
16	Poonch	CP		16.11.2020	1650
17	Poonch	CP		01.12.2020	1651
18	Poonch	HORT		02.12.2020	1649
19	Poonch	HORT		14.12.2020	1649
Total					**26959**

6.C. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS during Jan-Dec 2020

<table>
<tr><th>No. of Technology week celebrated</th><th>Types of Activities</th><th>No. of Activities</th><th>Number of Participants</th><th>Related crop/livestock technology</th></tr>
<tr><td>(Partheniu m week)</td><td>Lectures organized, film shows, community awareness, pamphlets distribution,
Parthenium management, physical, chemical, biological
and integrated methods of parthenium management</td><td>04</td><td>181</td><td>
<table>
<tr><td rowspan="2">Parthenium awareness camp</td><td>KVK Campus</td><td>19.08.2020</td><td>13</td></tr>
<tr><td>Darra Dullian</td><td>21.08.2020</td><td>19</td></tr>
</table>
</td></tr>
<tr><td>Nutrition week/ month</td><td>Lectures, presentations, debate, group discussion, pamphlets distribution,
radio talk, expert lectures</td><td>05</td><td>182</td><td>
Involvement of adolescent girls, anganwadi workers
<table>
<tr><td>PoshanMaah” Awareness programme on KuposhanMuktbharat and Nutritional foods for women and children for Anganwadi workers</td><td>KVK Poonch</td><td>11.09.2020</td><td>20</td></tr>
<tr><td>PoshanMaah” Awareness programme on Kuposhan Muktbharat and Nursery raising of rabi season vegetables</td><td>Salotri</td><td>12.09.2020</td><td>59</td></tr>
<tr><td>PoshanMaah ”Establishment of Nutritional garden</td><td>Kharapa</td><td>15.09.2020</td><td>27</td></tr>
<tr><td>PoshanMaah” Awareness programme on KuposhanMuktbharat and Nutritional foods for women and children for Anganwadi workers, Establishment of Nutritional garden</td><td>KVK Poonch</td><td>17.09.2020</td><td>41</td></tr>
<tr><td>Poshan Maah” Awareness programme on KuposhanMuktbharat and Nutritional foods for women and children and Establishment of Nutritional garden</td><td>Bhainch</td><td>17.09.2020</td><td>35</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><td>Swachtaa Hi Sewa</td><td>Debate and poster Competitions Rally and shramdhan, park cleaning, Painting competition</td><td>05</td><td>437</td><td>Involvement of school and college students, Wall Painting on Swachhata awareness, prize distribution mass awareness through media
<table>
<tr><td>Awareness programme on Swachtta Hi Sewa</td><td>Khanetar Kalsan</td><td>14.09.2019</td><td>42</td></tr>
<tr><td>Pledge on Swachtta Hi Sewa and cleanliness</td><td>KVK</td><td>15.09.2019</td><td>10</td></tr>
<tr><td>Awareness drive on Swachtta by KVK under Sadhbhawna Mission organized by 5/8 Gorkha Rifles</td><td>Girls middle school, Loran</td><td>18.09.2019</td><td>300</td></tr>
<tr><td>Awareness programme on Swachtta and Jal Shakti Abhiyan</td><td>Gundi</td><td>23.09.2019</td><td>30</td></tr>
<tr><td>Symposium on SUP</td><td>Bed. College Poonch</td><td>12.10.2019</td><td>55</td></tr>
</table></td></tr>
<tr><td></td><td>Swachhata Pakhwada (16-31st December, 2018)</td><td>05</td><td>136</td><td>
<table>
<tr><td>Celebration of Rashtriya Swachta Diwas & Swachta Pledge, Gandhian Philosophy and Gram Swaraj.</td><td>Seri Khwaja</td><td>02.10.2020</td><td>49</td></tr>
<tr><td>Essay Competition, “Relevance of Gandhian Philosophy in Present Era”</td><td>Online</td><td>02.10.2020</td><td>5</td></tr>
<tr><td>Inter collegiate Quiz Competition in collaboration with Govt. Degree College Poonch</td><td>Online</td><td>03.10.2020</td><td>12</td></tr>
<tr><td>Prize distribution to winners of Essay Competition and Inter collegiate Quiz Competition, “Relevance of Gandhian Philosophy in Present Era”</td><td>GDC Poonch</td><td>19.10.2020</td><td>25</td></tr>
</table></td></tr>
<tr><td></td><td>Lectures organised</td><td></td><td></td><td>01</td></tr>
<tr><td></td><td>Exhibition</td><td></td><td></td><td></td></tr>
<tr><td></td><td>Film show</td><td></td><td></td><td>02</td></tr>
<tr><td></td><td>Fair</td><td></td><td></td><td>05</td></tr>
<tr><td></td><td>Farm Visit</td><td></td><td></td><td></td></tr>
<tr><td></td><td>Diagnostic Practicals</td><td></td><td></td><td></td></tr>
<tr><td></td><td>Distribution of Literature (No.)</td><td></td><td></td><td>440</td></tr>
<tr><td></td><td>Distribution of Seed (q)</td><td></td><td></td><td></td></tr>
<tr><td></td><td>Distribution of Planting materials (No.)</td><td></td><td></td><td>-</td></tr>
<tr><td></td><td>Bio Product distribution (Kg)</td><td></td><td></td><td>-</td></tr>
<tr><td></td><td>Bio Fertilizers (q)</td><td></td><td></td><td>-</td></tr>
<tr><td></td><td>Distribution of fingerlings</td><td></td><td></td><td>-</td></tr>
<tr><td></td><td>Distribution of Livestock specimen (No.)</td><td></td><td></td><td>-</td></tr>
<tr><td></td><td>Total number of farmers visited the technology week</td><td></td><td></td><td>220</td></tr>
</table>

7. Production and supply of Technological products Jan-Dec 2020

A) SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
	wheat		1.5	6000	07
OILSEEDS					
PULSES					
VEGETABLES	Garlic	G-313	0.20	3000	05
FLOWER CROPS					
OTHERS (Specify)					
Fodder crop (seed)	oats	Kent/sabzaar	11.6	60000	158

*An example for guidance only

B) PLANTING MATERIALS

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Walnut		**2000**	**15000**	
	Pecan nut	**Mahan, nelis**	**2700**	**-**	**-**
SPICES					
VEGETABLES					
FOREST SPECIES	**Slips Napier grass**		**2500**		
ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

*An example for guidance only

C) BIO PRODUCTS

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS						
1						
2						
BIOFERTILIZERS						
1	Vermicompost		-	**500 kg**	**4000/-**	**Farm use**
2	**Earthworms**	**Eisinea foetida**	-	**10kg**	**4000/-**	**10**
BIO PESTICIDES						
1						

2						

D) LIVESTOCK

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle						
SHEEP AND GOAT	**RAMS**		**05**			**05**
			Under TSP			
POULTRY						
FISHERIES						
Others (Specify)						

*** An example for guidance only**

PART 8 – PUBLICATION, SUCCESS STORY, SWTL, TECHNOLOGY WEEK AND DROUGHT MITIGATION Jan-Dec 2020

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

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

(B) KVK e-News Letter – (Name, Date of start, periodicity, Name of the Website uploaded)

(C) Literature developed/published

Item	*Title*	*Authors name*	*Number of copies*
Research papers	Effect of Pusa Hydrogel & Plant growth regulators on Vegetative growth, Flowering and Fruiting of Strawberry (*Frageria X Ananassa* Dutch).	Sandeep Singh, Saket Mishra, **Sudhir Jamwal**, and Vijay Bhadur **(2020)**, *International Research Journal of Pure & Applied Chemistry*; *21(6): 17-24*	04
	Standardization of grafting method and time of walnut (*juglans regia* L.) in mid hill conditionsof Poonch under different environmental Conditions	Mir, M, Jamwal, S.S., **Gupta, Ajay**, Sharma, M and Sharma P.K. Journal of Community Mobilization and Sustainable Development Vol. 15(1), 113-116, January-April, **2020**	05
	Nutrient Dynamics: Effect on Growth, Yield and Quality Attributes of Plum (Prunus saliciana) under Rainfed Agroclimatic Conditions in Poonch District of Jammu& Kashmir	**Muzafar Mir,** Ajay Gupta, Jamwal S S and Sharma M (2021). Journal of Krishi Vigyan 9 (1) : 250-253 DOI : 10.5958/2349-4433.2021.00047.7	04
	Technical Efficiency of Pecan nut Production in J & K: Application of Stochastic Frontier Model;	Pawan Kumar Sharma*, Sudhakar Dwivedi, Vipal Bhagat and **Sudhir Jamwal** (2020), *Res. Jr. of Agril. Sci.* 11(6): 1327-1331	04

Item	*Title*	*Authors name*	*Number of copies*
	Foliar application of micro nutrients on the growth and development of plum fruits (Prunus domestica L.), Local cv. Choggander;	**Sudhir Jamwal***, Muzafar Mir,Ajay Gupta,Muneeshwar Sharma and Pawan Kumar Sharma(2020), *Journal of Community Mobilization and Sustainable Development Vol. 15(3), 577-580*	05
Technical reports	Monthly reports Annual report MPRs Governor MPR TSP reports		
Technical bulletins No.3, 2020	*Locust Potential Threat in India*	Ajay Gupta, Dr. Muneeshwar Sharma, Dr. Muzaffar Mir and Dr. S.S. Jamwal.	100
No: **4, August, 2020**.	Integrated Parthenium management (gajar ghas ka marboot intizam) in local language	**Muzafar Mir**, Ajay Gupta, Muneeshwar Sharme and SS jamwal.	250
5, February,202	Mastitis (chandri rough) in local language,	**Muzafar Mir**, R K Bhardwaj, Ajay Gupta, Muneeshwar Sharme and SS jamwal.	200
No: 6, September 2020.	Diversification through horticulture by KVK Poonch,	**Muzafar Mir**, Ajay Gupta, Muneeshwar Sharme and SS Jamwal.	100
No.7, 2020	Mushroom Cultivation Techniques.	Muneeshwar Sharma, Dr. Muzaffar Mir, Dr. Ajay Gupta, and Dr. S.S. Jamwal	100
No.8, 2020	Wheat Seed Production.	**Ajay Gupta**, Dr. Muzaffar Mir, Dr. Muneeshwar Sharma, and Dr. S.S. Jamwal	100
Popular articles			
Hand book	Hand Book of centrally sponsored schemes in Agriculture & Allied sectors in Urdu language (Released by **His Excellency, Governor, J&K & Pro Chancellor** SKUAST-Jammu during IFC Meet).	**Muzafar Mir,** S.K. Gupta, and Ajay Gupta (November, 2020	100
Training Manual			
Extension literature			
Folders /leaflets			
	Vishal Sharma1 *, Arvind K. Ishar2 , Suraj Parkash3 , Parul Gupta4 , Rohit Sharma5 , Ajay Gupta6 andB. C. Sharma7 2020. In-Situ Conservation of Kharif Moisture for Timely Sowing of Wheat in Rabi Season under Rainfed Conditions of Rajouri NTERNATIONAL WEB-CONFERENCE – "Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals", 11-12 September, 2020 p 80		
	Arvind Kumar Ishar, SurajParkash, Ajay Gupta, Parul Gupta, Vishal Sharma and Pawan Sharma 2020. Role of Tribals in Conservation of Biodiversity in Pir Panchal Ranges of Rajouri &Poonch districts of Jammu & Kashmir, India. NTERNATIONAL WEB-CONFERENCE – "Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals", 11-12 September, 2020 P97		

Item	*Title*	*Authors name*	*Number of copies*
	Ajay Gupta, Muzafar Mir, Sudhir Jamwal and Muneeshwar Sharma. 2020. Impact of COVID-19 on agricultural sector and socio-economic conditions of the farming community of district Poonch (J&K). NTERNATIONAL WEB-CONFERENCE – "Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals", 11-12 September, 2020 P 174		
TOTAL			

(C) Details of Electronic Media Produced

S. No.	Type of media (CD / Software)	Title of the programme	Number

(D) Mobile App developed by KVK

S.No.	Name of KVK	Name of Mobile App Developed	Year in which App is Developed	No. of Users downloaded the App	Type of information offered by the App(seeds, fertilizers, market prices, weather etc.)

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

The success stories/case studies with good action JPGE format 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 : Promotion of peacan as high value crop

Pecan nut is a high value crop which is highly suitable for cultivation in Poonch district. . There are around 1500 pecan nut growers in these areas and most of the farmers have planted 5-10 trees of pecan nut.

Intervention:

- More than 100 farmers have been trained on pecan nut cultivation techniques by KVK Poonch
- A pecan nut village has been established by KVK poonch at Nangali
- Establishment of new pecan nut orchards
-

Output: The area under pecan nut has increased form 100 hectares to more than 300 hectares.

Outcome Horizontal spread .more than 1500 new growers in last 2 years. No of growers increasing by 100 or more every year. Area expansion in barren and uncultivated land.

Impact Farmers are getting high profit. Rs. 450 -500 per kg of pecan nut fruit from the local seller depending upon the quantity and bargaining. 12 to 20 year old orchard exhibited the highest system economics in terms of gross returns (Rs. 6.6 lakhs), net returns (Rs. 5.92 lakhs) and benefit cost ratio (1:9.79) which was substantially higher as compared to walnut orchards. Therefore it can bring a quantum jump in farmers income

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

9.F. Activities of Soil and Water Testing Laboratory / Plant Health Clinic

Status of establishment of Lab : NIL

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

Sl. No	Name of the Equipment	Qty.	Cost
1			
2			
Total			

3. **Details of samples analyzed / Soil Health Cards issued during 2020 (Jan-Dec) :**

Details	No.	No. of Farmers	No. of Villages	Amount realized
Soil Samples	-	-	-	-
Water Samples	-	-	-	-
Plant Samples	-	-	-	-
Soil Health Cards Issued	-	-	-	-

4. Status of mini soil testing labs/kit :
5. Year of procurement of lab/kit : 2016 (01): 2017 (01)
6. No. of mini labs with the KVK : 02
7. **Type of mini labs (Name of lab/Kkt) :** Mridaprikshak Soil Testing Mini Lab (Solar operated)

8. **Details of samples analyzed through mini soil kit / Soil Health Cards issued during 2020 (Jan-Dec) :**

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized

Soil Samples	Nil	Nil	Nil	Nil
Water Samples	Nil	Nil	Nil	Nil
Soil Health Cards Issued	Nil	Nil	Nil	Nil

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)

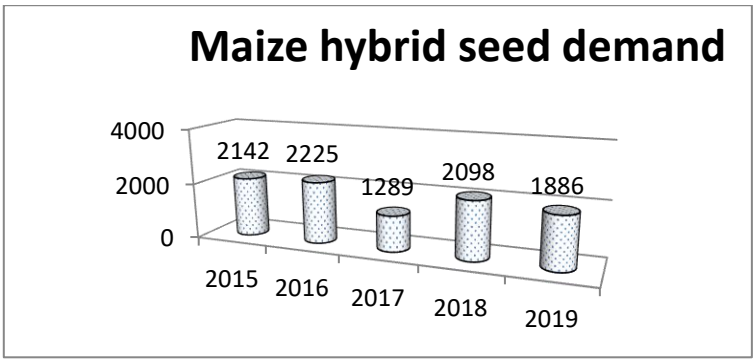
NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

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

Maize is the most important crop of the district, cultivated on an area of approximately **24 thousand hectares**. Agricultural productivity of maize is low i.e. **20.0 quintals** per hectare (Digest of statistics, 2014-15).

• In the year 2008, less than 10 % area in poonch was under Single cross hybrids
• Most of the farmers were growing desi/composite maize seed
• Low yield potential ranging from 20-25q/ha

In order to increase the productivity of maize crop in the district, KVK, Poonch and Agriculture Department made consistent efforts in the past 7-8 years by introduction of hybrid maize. As a result, the demand of hybrid maize seed increased in the district as shown in fig (Source, Department of Agriculture, Poonch).



- More than 900 FLDs on promotion of Hybrid maize have been laid by KVK Poonch under KVK and ISOPOM. Trials have also been laid under TSP Project.
- Trainings of farmers on production techniques viz. seed rate, fertilizer application, line sowing, weed management etc

Impact

- The area under hybrid maize has increased over the years. There is a significant increase in area (2000ha) under hybrids in the district to about (8000 ha)
- Realised higher yield (50-60 q/ha as compared to 30-35 q/ha
- Maize productivity showed an increase of 30.5 to 60.3 % under front line demonstration as compared to local check
- Farmers are getting higher income. Higher net returns ranging from Rs. 16 to 24 thousand per hectare over local desi/composite

Realising fodder security through promotion of Oats

- In Poonch district, Availability of fodder is major issue in the district as a whole.
- The availability of grasslands and pasturelands has decreased over years due to increasing human population and new roads and construction works. As a result, Fodder is sold sometimes costlier than the grain crop.
- Maize stubbles stored after *kharif* harvest are used as fodder during lean months. Besides Farmers grow awnless wheat locally termed moond wheat to meet the fodder demand during winter which has very limited area in the district (less than 1000 ha).
- In Rabi season area in higher reaches remains uncultivated due to extreme cold from December to March.
- KVK Poonch consistently laid FLDs on Oats during the last 10 years

Impact

- The area under fodder increased from negligible in 2011-12 to more than 1888 ha in the district in 2018-19.
- income increased from 20 to 34 thousand per ha.

3. Promotion of High density apple:

Apple is an important fruit crop grown in an area of 2000 hectares in poonch distrits.

Constrains:

Most of the apple orchards have been established have no systematic planning .

Interventions:

- 02 demonstrations on HD apple orchard in Azmabad and Mandi in the year 2014.
- KVK poonch also provided technical knowhow for HDPs of apple established by Horticulture Department.
- The tress have started producing fruits in 04 years.
- 08 More farmers have started HD apple plantation in cluster area. Apple plants have started fruiting in 04 years
-  

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 Jan-Dec 2020

Name of organization	Nature of linkage
1. Chief Agriculture Office, Poonch	Farmer Trainings, Kisan melas, Diagnostic visits, Kisan Ghoshties, meetings, T&V, Exhibitions etc
2. Chief Horticulture Office, Poonch	-do-
3. Animal Husbandry department	-do-
4. Sheep Husbandry department	-do-
5. Department of Fisheries	-do-
6. Lead bank, J&K	-do_
7. Department of Floriculture	Farmer Trainings, Kisan melas, Diagnostic visits, Kisan Ghoshties, meetings etc
8. Department of Sericulture	Farmer Trainings

9. Nehru Yuva Kendra	Camps, Youth trainings
10. ATMA	Exposure visit, FLD, Trainings
10. BSF and Army camps	Joint camps, Diagnostic visits, Expert lectures Skill development programme
11 NABARAD	Exposure visit, FPO
12 CITH	TSP project
13 EPHS	TSP project
14 SKUAST K	Research on Saffron
B Ed College/Govt degree College	Debate, Essay Competition
IFFCO	Nutritional village
District Administration	FPO,
National Livelihood Rural Mission	Vocational training

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 Jan-Dec 2020

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)

11.3 Details of linkage with ATMA Jan-Dec 2020

a) Is ATMA implemented in your district Yes/No

S. No.	Programme	Nature of linkage	Remarks
	Kissan Mela	joint	
	Kissan Ghoshti	joint	
	Farmer scientist interaction	joint	
	Joint diagnostic visits	joint	

Coordination activities between KVK and ATMA during Jan-Dec 2020

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				

S. No.	*Programme*	*Particulars*	*No. of programmes attended by KVK staff*	*No. of programmes Organized by KVK*	*Other remarks (if any)*
	Extension Literature				
	Pamphlets				
	Others News coverage				
07	**Other Activities**				

11.4 Give details of programmes implemented under National Horticultural Mission Jan-Dec 2020

S. No.	Programme	Nature of linkage	Constraints if any
1	Nursery accreditation programme	Technical guidance ,vide No: AUJ/DR/2020-21/F-NHB/7092-7095, dated 15.01.2021	**-**

11.5 Nature of linkage with National Fisheries Development Board Jan-Dec 2020

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

11.6. Details of linkage with RKVY Jan-Dec 2020

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 Jan-Dec 2020

12.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit (Mention the name of Demo Unit)	Year of estt.	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
	Vermicompost unit	2020	**15**						
	Hi tech Polyhouse	2018	**400 sq m**						
	Fodder cafeteria/ Napier multiplication unit	2016							
	Mushroom unit	2019							
	Mother block	2015							

	(walnut and pecan nut								
	others								
	Nov 2019	May 2020	2.0	Kent	Seed	10.0	22320/	59870/-	
	June 2020	Sept 2019	1.8	MP cherry	green	1.8 ha	21400/-	65200	

12.2 Performance of instructional farm (Crops) including seed production Jan-Dec 2020

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Rice									
Pulses									
Grams									
Oilseeds									
Fibers									
Floriculture									
Fruits									
Vegetables									
Others (specify)									

12.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) Jan-Dec 2020

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	Vermicompost	500 kg	2600	4000/-	
	Earthworms	10kg	nil	4000/-	

12.4 Performance of instructional farm (livestock and fisheries production) Jan-Dec 2020

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:

Accommodation available (No. of beds) =

Months	*No. of trainees stayed*	*Trainee days (days stayed)*	*Reason for short fall (if any)*
January 2020	*Nil*	*Nil*	*Nil*
February 2020	*Nil*	*Nil*	*Nil*
March 2020	*Nil*	*Nil*	*Nil*
April 2020	*Nil*	*Nil*	*Nil*
May 2020	*Nil*	*Nil*	*Nil*
June 2020	*Nil*	*Nil*	*Nil*

July 2020	*Nil*	*Nil*	*Nil*
August 2020	*Nil*	*Nil*	*Nil*
September 2020	*Nil*	*Nil*	*Nil*
October 2020	*Nil*	*Nil*	*Nil*
November 2020	*Nil*	*Nil*	*Nil*
December 2020	*Nil*	*Nil*	*Nil*

12.6. Database management

S. No	*Database target*	*Database created by the KVK*
1	1500	2000

12.7 Rainwater Harvesting

Training programmes conducted using Rainwater Harvesting Demonstration Unit

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

Demonstrations conducted using Rainwater Harvesting Demonstration Unit

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

13. FINANCIAL PERFORMANCE

13.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	J&K Bank	SKUAST-J Chatha	
With KVK	J&K Bank	Main Branch Poonch	22987 (revolving)
	J&K Bank	Programme Coordinator, KVK poonch	22969

13.2 Utilization of KVK funds during the year 2020-21 (up to March 2021)

SL.No	Budget Head Grants for Creation of Capital Assets (Capital)	Other than TSP	TSP	SCSP	TOTAL
1	Works				
	A. Land				
	B				
	(i) Building				
	(II) Office building				
	(ii) Residential building				
	(iii) Minor works				
2.	Equipment				

3.	Information technology				
4.	Library books and journal				
5.	Vehicles & vessels				
6.	Livestock				
7.	Furniture and fixture				
8.	Others				
	Total capital (Grants for creations of capital assests)				
1.	Grant in aid salary				
	Pay and allowances	92.0			92.0
	Total pay and allowances				
	Grant in Aid – General				
2.	Travelling allowances (domestics)	1.0		0.79	
	T.A (Foreign)				
	Total TA				1.0
3.	A. Research Expenses	1.00			
	B. Operational expenses	2.00			
	C. Infrastructure (Rent, electricity, water charges , veh running exp. Insurances)	0.80		0.60	
	D. Communication (postage and telephone)	0.25			
	E. Others (excluding TA) (printing and stationery consumable ,advertising legal professional charges	0.00	15.10		
	F. Publicity and exhibitions	0.20			
	G. Guest house –maintenance (recurring only)	0.00			
	H. Others miscellaneous	0.50		0.29	
	1. Repair and maintenance				
	(i) Equipments, vehicles and others	0.25			
	(ii) Office Buildings	1.00			
	(iii) Residential Buildings	0.00			
	Revolving fund				
	Total Recurring Contingence	**6.00**	15.10	0.00	21.10
	Grant in Aid-General (RC+TA)	**7.00**	15.10	0.00	22.10
	Grant Total (Capital +Salary+General)	**99.00**			114.10

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2016 to March 2017	465121.00	201338	42082.00	624377
April 2017 to March 2018	624377	67276	302440	899418
April 2018 to March 2019	899418	99116	94874	903660 (including 4.0 lakh FDR)
April 2019 to December 2019	903660	92070	30543	**965187**
Jan 2020 to December 2020	965187	370161	38405	**1296943**

14. Details of HRD activities attended by KVK staff during (Jan-Dec) 2020

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

Dr. Muneeshwar Sharma	SMS Plant Protection	Integrated Pest Management for Important Agricultural and Horticultural Crrops	ATARI Zone 1, Ludhiana	10-12 February, 2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	XIth National conference on KVKs-2020	NASC Complex, New Delhi	28 .02 20. To 01.03.20
Dr Ajay Gupta	SR Scientist & Head (I/c.)	**Webinar** on "Agrobiodiversity: Conservation & Sustainable Utilization"	Host: SKUAST-J	05.06.2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	**Webinar** on Migratory locust "Potential threat, Current status vis a vis its management organized by KVK Kathua	Host: KVK Kathua	12.06.2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	**QRT meeting** through virtual portal and presented achievements of KVK from 2011-2018	Organized by ATARI-Zone I	23.06.2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	Attended online Zonal workshop of KVKs of Zone I	Online	6-7th July 2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	Attended virtual meeting of all the KVKs chaired by Hon'ble Dr. T. Mohapratra, Secretary (DARE) and DG (ICAR) and Sh. Vivek Aggarwal (IAS), Joint Secretary & CEO (PM-KISAN/FWS) regarding the recording of 8-10 videos of farmers on feedback on PM KISAN and agricultural operations during the lockdown on webex.	Online	04.08.2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	**Attended virtual webinar** on "Role of Balance Nutrition in Mitigating Malnutrition" on 26th September 2020and registered 20 Anganwadi workers	Online	26.09.2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	**Attended virtual** National Level consultation on Principles and Practices of Bharatiya Prakriti Krishi Paddhati (BPKP)- Natural Farming "	Online	29.09.2020 to 30.09.2020
Dr Ajay Gupta	SR Scientist & Head (I/c.)	Attended ZREAC Rabi 2020 held at Conference Hall	SKUAST-J	25.11.2020
Dr Muzaffar Mir	SMS	Attended webinar on "Agro-biodiversity: Conservation & Sustainable Utilization"	Online	05.06.2020
Dr Muzaffar Mir	SMS	Attended webinar on Migratory locust "Potential threat, Current status vis a vis its management organized by KVK Kathua	Online	12.06.2020

Dr Muzaffar Mir	SMS	Attended Zonal workshop of KVKs of Zone I	Online	6&7.07. 2020
Dr Muzaffar Mir	SMS	Attended virtual webinar on "Role of Balance Nutrition in Mitigating Malnutrition"	Online	26.09.2020
Dr Muzaffar Mir	SMS	Attended virtual meeting to popularize Mobile App "FARMS" (Farm Machinery Solutions App) by DAC&FW, Ministry of Agriculture and Farmers Welfare, GOI	Online	29.09.2020
Dr Muzaffar Mir	SMS	Attended virtual National Level consultation on Principles and Practices of BharatiyaPrakritiKrishiPaddhati (BPKP)- Natural Farming "	Online	29.09.2020 to 30.09.2020
Dr. Muneeshwar Sharma	SMS Plant Protection	Attended webinar on "Agro-biodiversity: Conservation & Sustainable Utilization"	05.06.2020	Online
Dr. Muneeshwar Sharma	SMS Plant Protection	Attended webinar on Migratory locust "Potential threat, Current status vis a vis its management organized by KVK Kathua	12.06.2020	Online
Dr. Muneeshwar Sharma	SMS Plant Protection	Attended virtual meeting of all the KVKs which was chaired by Hon'bleDr. T. Mohapratra, Secretary (DARE) and DG (ICAR) and Sh. VivekAggarwal (IAS), Joint Secretary & CEO (PM-KISAN/FWS) regarding the recording of 8-10 videos of farmers on feedback on PM KISAN and agricultural operations during the lockdown on webex.	04.08.2020	KVK Poonch
Dr. Muneeshwar Sharma	SMS Plant Protection	Webcasting of the inauguration of academic and administrative building of Rani Lakshmi Bai Central Agriculture University at KVK Campus	29.08.2020	KVK Poonch Campus
Dr. Muneeshwar Sharma	SMS Plant Protection	Attended virtual webinar on "Role of Balance Nutrition in Mitigating Malnutrition" organized by ATARI Zone I during celebration of Poshan Mah.	26.09.2020	Online
Dr. Muneeshwar Sharma	SMS Plant Protection	Attended virtual National Level consultation on Principles and Practices of Bharatiya Prakriti Krishi Paddhati (BPKP)- Natural Farming "	29.09.2020 to 30.09.2020	Online
Dr. Muneeshwar Sharma	SMS Plant Protection	International Webinar on " Advances in Stored Grain Protection" organizedon the eve of International Year of Plant Health (IYPH2020) by National Institute of Plant Health Management, Hyderabad	25.11.2020	Online

Dr. Muneeshwar Sharma	SMS Plant Protection	. National Webinar series on "Bio Intensive Management of Plant Parasitic Nematodes " organized on the eve of International Year of Plant Health (IYPH2020) by National Institute of Plant Health Management, Hyderabad	27.11.2020	Online
Dr. Muneeshwar Sharma	SMS Plant Protection	Webinar on " Recent molecular approaches for plant disease diagnosis-I" organized by Acharaya N.G. Ranga Agriculural University, S.V. Agricultural College, Trupati	17.12.2020	Online
Dr. Muneeshwar Sharma	SMS Plant Protection	Agritech Event in the sixth edition of "India International Science Festival (IISF 2020)" from 22-25 December 2020 organized by CSIR-National Institute of Science, Technology and Development Studies	22-25 December 2020	Online

15. Details of Important Programs/Events conducted in KVKs during 2020 (Jan-Dec) (With 4-5 Photographs (JPEG Format).
(Please furnish detailed information for each Program/Event)

January 2020

28.01.2020: Krishi Vigyan Kendra Poonch of SKUAST-Jammu today organized Live telecast of Hon'ble Prime Minster Sh. Narinder Modi at Global potato conclave from Gandhinagar, Gujarat at KVK Conference Hall in which more than 80 farmers and officers participated. The Conclave is being organized by the Indian Potato Association (IPA) in collaboration with the Indian Council of Agricultural Research, New Delhi, and ICAR-Central Potato Research Institute, Shimla and International Potato Center (CIP), Lima, Peru.

February 2020

Krishi Vigyan Kendra Poonch organized threeveterinary clinical camps at village **Mendhar, Nangali Sahib** and **Degwar** of Poonch block. More than 2000 animals including cattle, buffaloes, sheep, goats, horses and poultry were checked up and treated during these camps. While observing the problem of ecto and endo-parasites in animals of the area, scientists demonstrated and recommended the practice of regular and proper de-worming and topical application of

ectoparasiticides. The villagers were also provided free medicines for their ailing animals. In addition, mineral mixtures for growth and high productivity of animals were also distributed during the camp. Kissan Ghoshties was also organized in which scientists of F.V.Sc replied to the problems of animal sector.



15. Important events conducted by your KVK during the reported month

September 2020
Poshan Maah celebrations

Krishi Vigyan Kendra, Poonch of Sher-e-Kashmir University today organized "Poshan Maah" at KVK Poonch campus, Salotri and Bhainch in collaboration with Mission Directorate ICDS, District Poonch. KVK also organized programme on 17 September 2020 at KVK Campus..

30.09.2020

Workshop on women empowerment and Ghandhian Philosophy

Krishi Vigyan Kendra, Poonch of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) workshop on women empowerment and Ghandhian Philosphy at KVK Poonch. The speakers pledged to follow the **G**handian Philosophy and principles of truth and non-violence.

October
Brief Report: Awareness Programmes and Kisan Ghosthi on Farm Bills



15. Important events conducted by your KVK during the reported month

(I) Brief Report (Name of the event, theme of the event, representatives, venue, No. of Participants, Technologies disseminated, exhibitions organized, etc.)

Name of the event: **11th Scientific Advisory Committee** meeting KVK Poonch

Venue: KVK Poonch

Representatives: Hon'ble Vice Chancellor SKUAST-Jammu, Director Extension SKUAST-Jammu, Heads of all the allied departments, Scientists and Progressive farmers

No. of Participants: 21

Date: 30.12.2020

Name of the event: **Kissan Mela** KVK Poonch

Venue: KVK Poonch

Representatives: **Hon'ble Vice Chancellor SKUAST-Jammu, Director Extension** SKUAST-Jammu, Heads of all the allied departments.

No. of Participants: 495

Date: 31.12.2020

(II) Name of the event: PM event

Representatives: Deputy Commissioner, Chief Agriculture Officer

Venue: KVK Poonch

No. of Participants: 85

(IV) Name of the event : **World Soil Day**

Venue: KVK Poonch

Representatives: Sarpanches and Scientists.

No. of Participants: 85

Date: 05.12.2020

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

Title	Funding Agency	Year of Start	Duration of Project	Total approved budget of theProject (Lacs)	PI of the Project
Enhancing livelihood opportunities through agro-technological interventions of tribal communities of rajouri poonch and Reasi dist.	EPHS, ICAR, GOI, New Delhi	2013	CONTINUED	21.89 lakhs for the year 2020-21	Dr S K Gupta *Dr.* ***AJAY Gupta*** ***Dr. M. Sharma*** ***Dr. M. Mir***

Achievements under TSP Project

S No.	Description	Unit	Beneficiaries	Achievements	DBT
1	FLD on Fruits	ha	50	Apple 750 plants and walnut 100 plants) were laid in 50 tribal beneficiaries	67500

4	Capacity building of tribal farmers	Jhullas	02 69	Capacity building of tribal farmers on "Nursery raising techniques in summer **vegetable crops/vegetable kits**	10065
5	Capacity building of tribal farmers	Jhullas	07	Capacity building of tribal farmers on "Nursery raising techniques in summer **vegetable crops/vegetable kits**	
6	OFT on Rams		05	Poonch and mandi blocks	
7	Demonstrations on chaff cutters		02	Khanetar dalera & Banwat	10016
8	Demonstrations on storage bins		15	Khanetar	

Annexures

District Profile - I

Include the details of

1. General census

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

2. Agricultural and allied census

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

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

Category	Population	Production	Productivity
Cattle			
Crossbred	53432	38125 MT (Milk)	5 lts/day in 305 days
Indigenous	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	

Indigenous		172100		
Goats		164800		
Rabbits		21	--	--
Poultry				
Improved		183708	72 Lakh eggs	80 eggs/layer/year
Category		**Area**	**Production**	**Productivity**
Fish				
Marine		--	--	--
Inland	*Culture*	3.45 ha	7.78 tonnes	2.25 t/ha
	captue		145.8 tonnes	

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
	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

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	**Rainfed** Maize + Rajmash (Mono cropping) Maize + Rajmash + Potato Maize – Wheat Maize- Oat Maize- Mustard **Fruit Crops:** Apple, Pecanut, Walnut, Peach, Plum and Apricot
2	**Irrigated (canal)** Paddy (Monocropped) Paddy- Berseem Paddy – Wheat

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

8. Agriculture: Maize, Paddy, Fodder, Oilseeds, Pulses
9. Horticulture: Pecan nut, Apricot, Plum, Walnut, Sandy Pear, Apple
10. 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 occurance 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					
Jersy 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