ANNUAL REPORT 2024-25

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-Poonch, (SKUAST-Jammu) Qazi Morah, Poonch-185 101, J&K	01965-221796	01965-221796	kvkpoonch@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
SKUAST-Jammu, Main Campus, FOA CHATHA, Jammu-180009 J&K	0191-2262028	0191-2262028	direxts kuastj@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	kvkpoonch@gmail.com mahajan.ajay@gmail.com

1.4. Year of sanction:

1.5. Staff Position (as on 31st March 2025)

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	-	-	-	-	-	-	-
2	Subject Matter Specialist	Dr. Ajay Gupta	46	Agronomy	L14	28/10/2014	Permanent	7889834416 mahajan.ajay@gmail.com	General
3	Subject Matter Specialist	Dr. Muzaffar Mir	46	Fruit Science	L11	01/07/2014	Permanent	9906829716 drmuzaffarcqar @gmail.com	General
4	Subject Matter Specialist	vacant	-	-	-	-	-	-	-
5	Subject Matter	vacant	-	-	-	-	-	-	-

	Specialist								
6	Subject Matter Specialist	vacant	-	-	-	-	-	-	-
7	Subject Matter Specialist	vacant	-	-	-	-	-	-	-
8	Programme Assistant	Dr. S.S. Jamwal	41	Fruit Science	L10	14/08/2008	Permanent	sudjam1362 @gmail.com 9419132898	General
9	Computer Programmer	Sh. Mohd. Qasim	35	Computer Sciences	L6	03/06/2012	Permanent	qasimazad99 @gmail.com 9419388999	ST
10	Farm Manager	Dr. Mushtaq Ahmad Guroo	37	Entomology	L10	03/07/2012	Permanent	gurookvk @gmail.com 6006143454	General
11	Accountant /Superintendent	vacant	-	-	-	-	-	-	-
12	Stenographer	vacant	-	-	-	-	-	-	-
13	Driver	Sh. Mohd. Aslam			L4	23/08/2010	Permanent	9070001194	General
14	Driver	Vacant							
15	Supporting staff	vacant	-	-	-	-	-	-	-
16	Supporting staff	Sh. Kewal Kishore			SL3	23/08/2010	Permanent	8803252063	OBC

1.6. Total land with KVK (in ha):

:

S. No.	Item	Area (ha)
1	Under Buildings	0.99
2.	Under Demonstration Units	0.20
3.	Under Crops	2.20
4.	Orchard/Agro-forestry	0.06
5.	Others (specify)	

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							

	Green Shade Net (3)	ICAR	2021	300	0.03	2021		completed
	Polyhouse/Fruit Nursery	ICAR		200	0.02	2015		completed
	Hi-Tech Polyhouse	EPHS		200	0.02	2017		completed
	Hi-Tech Polyhouse	HADP	2024	200	0.02	2023		completed
	Vermi compositing Unit	ICAR		15	0.0015	2020		completed
	Pecan nut/Walnut Block	ICAR + NABARD		600	0.06	2021		Completed
5	Fencing	ICAR + EPHS				2017		
6	Rain Water harvesting system	KVK grant	-	270	-	2014	-	Temporary
7	Threshing floor	ICAR	-	112	-	2008	-	completed
8	Implement shed	HADP	2025	100	0.015	2024	-	completed
9	Sale counter	HADP	2025	100	0.01	2024	-	completed

B) Vehicles (UPTO 31 March 2025)

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2008	4,30,000	Transferred to KVK Rajouri	Transferred to KVK Rajouri
Tata Sumo	2010	5,98,973	73913 KM	Good
Motorcycle	2012	45,202	47780 KM	Good
Mini Tractor	2017	293800	70 hours.	Good

C) Equipments 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	2017	86000.0	Good

(Solar operated)			
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
Handycamsony	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
Domestic water heater 02	2020	10960	Good
20 knapsack sprayer	2020	28000	Good
Whitehouse 50ltr	2021	12400	Good
SINE wave Invertor Luminous 3 KVA	2021	24995	Good
RC18000V18 Luminous 150AH	2021	47172	Good
Revo Bag closer machine single needle	2023	6200	Good
Seed Cabinet	2023	14500	Good
Printer 3-in-1 HP 416 Inktank	2023	14900	Good
Spray pump	2023	6500	Good
Ceiling Fan	2023	9500	Good
05 seater sofa	2023	73780	Good
Leo handled brush cutter	2024	24990	Good
clartech floor mill kit	2024	23900	Good
Petrol engine hedge trimmer	2024	16000	Good
Tilling attachment	2024	4300	Good
Spray pump	2024	18900	Good
Chain Saw	2024	2900	Good
Weeding attachment	2024	3500	Good
Paddy Attachment	2024	1599	Good
4-tier stand for poly house (10x2x4.5)	2024	9061	Good
poultry structure (6x4x3)	2024	12094	Good
HP 3 IN 1 INK TANK PRINTER 416	2024	14900	Good
Automatic Bulb Planter	2024	1000	Good
Camera	2025	55185	Good

1.8. A). Details SAC meeting* conducted in the year 2024-25

No SAC meeting was conducted in the year 2024-25 at KVK Poonch

2. DETAILS OF DISTRICT (2025)

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.

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	
April 2024	309.6	N.A.	N.A.	N.A.
May 2024	28	N.A.	N.A.	N.A.
June 2024	88	N.A.	N.A.	N.A.
July 2024	185	N.A.	N.A.	N.A.
August 2024	243.1	N.A.	N.A.	N.A.
September 2024	104	N.A.	N.A.	N.A.
October 2024	10	N.A.	N.A.	N.A.
November 2024	9	N.A.	N.A.	N.A.
December 2024	26	N.A.	N.A.	N.A.
January 2025	49	N.A.	N.A.	N.A.
February 2025	132.2	N.A.	N.A.	N.A.
March 2025	205.1	N.A.	N.A.	N.A.
Total	**1389**	**N.A.**	**N.A.**	**N.A.**

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 2024-25

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, BandiChechian,	Maize (*Zea mays*), Paddy (*Oryza sativa*), Wheat, 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. - Introduction of Natural Farming
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 - - -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 -	- Seed treatment - -SCH in maize - Training & Pruning -
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 (*Triticumaestivum*)	- 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 (*Pyruscommunis*)	Micro Nutrient Management, Rejuvenation of Old Orchards, IPM/IDM
Plum (*Prunusdomestica*),	Application of Micronutrients, Rejuvenation of Old Orchards, IPM/IDM
Apple (*Malussylvestris*)	Promoting INM, IPM/IDM
Walnut (*Juglans* spp.)	Production of quality planting material of walnut at KVK Farm
Pecan nut (*Caryaillinoinensis*)	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

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2024 (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	400	437	400	437

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			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers								
Rural youth								
Extn. Functionaries								
NICRA	2	2	**2**	**2**				
Natural farming								
T&V								

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
10.20	10.20	1100	1357
1.50	1.50		

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

3.B. Abstract of interventions undertaken

S. No	*Thrust area*	*Crop/ Enterprise*	*Identified Problem*	*Interventions*										
				Title of OFT if any	*Title of FLD if any*	*Number of Training (farmers)*	*Number of Training (Youths)*	*Number of Training (extension personnel)*	*Extension activities (No.)*	*Supply of seeds (Qtl.)*	*Supply of planting materials (No.)*	*Supply of livestock (No.)*	*Supply of bio products*	
													No.	*Kg*
1	Production Technology	Maize (PA-4794)	Low Productivity due to traditional varieties	Restoration of soil fertility under the combined influence of Organic and Natural Farming	Promotion of HYV	**2**				4.20				
2	Production Technology	Maize (SPJC-1)	Low Productivity due to traditional varieties		Promotion of HYV					0.20				
3	Production Technology	Rice (K-343)	Low Productivity due to traditional varieties		Promotion of HYV	01				5.0				
4	Production Technology	Wheat (VL-2014)	Low Productivity due to low yielding varieties		Promotion of Rainfed HYV	01				15				
5	Production Technology	Wheat (DBW-222)	Low Productivity due to low yielding varieties		Promotion of Rainfed HYV	2	65			1.5				
6	Integrated Nutrient Management	Rabi crops				1(30)								
7	**PMFME**					1(25)								
8	Daksh					2(54)	6(170)							
9	Soil Health					2(64)								

10	Fertility management (Natural Farming)	Cereal/ Horticulture/ Vegetable Crops	Lack of knowledge of Natural Farming			3(150)								
11	Production Technology	Oat	Scarcity of Fodder		Promotion of Oats in Poonch Distt.					16.2				
13	Fodder Crop production	Napier	Scarcity of fodder Mono cropping	-	Promotion of Napier hybrid on bunds for increasing fodder						2500 rooted slips			
	Fodder Crop production	Berseem	Scarcity of fodder Mono cropping	-	Promotion of HYV					1				
14	Resource conservation Technology					1(51)								
Fruit Science				-	-		-	-	-	-	-	-		
15	Management of orchard	Walnut			FLD on Quality Planting Material of Walnut						368			
16	Management of orchard	Pecanut			FLD on Quality Planting Material						919			
18	Canopy Management	Fruit Crops	Lack of Scientific Knowledge of Training and Pruning			2(28)								
24	Protected Cultivation	Vegetables									17			
	Value addition	Fruits	Employment generation				1(59)							
	Scientifc cultivation					1(10)								

	Pollination management					1(15)								
	Nutrient management					2(25)								
Plant Protection														
30	IPM	Vegetable Crops				6 (210)								
	IPM	Vegetable Crops	Traps			1 (17)					17			
	Apiculture	Honey bees	Employment generation				1(43)							
	IPM	vegetable	Invasion of new insect pests			2(62)								
	Others													
	Tailoring and crafting for self - help group		Employment generation1				1(35)							
	INM (fertilizer dealers)						1(20)							
	Nutri mix formula (sponsored)					1(30)								
	Krishi sakhis					1(11)								
	Collaborative training (ATMA)					1(50)								
	Collobrative (RFS)					2(60)								

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						2			
Integrated Farming System									
Mushroom cultivation									
Drudgery reduction									
Farm machineries									
Value addition									
Integrated Pest Management					01				
Integrated Disease Management									
Resource conservation technology									
Small Scale income generating enterprises									
TOTAL									**3**

* *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									
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	Walnut	Assessment of nutrient dose in walnut (10 years)	5	5	
	Peach	Assessment of nutrient dose in Peach (5 years)	5	5	
Varietal Evaluation					
Integrated Pest Management	Garlic	Managing insect pest problem through Natural farming formulations in vegetable crops	5	5	
Integrated Crop Management					
Integrated Disease Management					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					
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					

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*Number of farmers*	*Area in ha (Per trail covering all the Technological Options)*
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					
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

Trial 1

A. Technology Assessment

1. Title : Managing insect pest problem through Natural farming formulations in Garlic
2. Problem diagnose/defined : insect pest problem mainly thrips
3. Details of technologies selected for assessment /refinement:

TI: (Farmer's practice)-(Nil)
T II: Recommended practice (spray of Imidaclorpid @1ml/litre of water)
T III: spray of Jeevanmrut 5% and Derekastra at 15 days interval from sowing to 90 DAS (Intervention)

4. Source of technology : Package of Practices of SKUAST-Jammu
5. Production system thematic area : Rainfed
6. Thematic area : Insect pest Management
7) Performance of the Technology with performance indicators : Performance was satisfactory and recorded higher yiwld as compared to farmers practice
8) Final recommendation for micro level situation : Farmers in organic cluster can adopt NF formulations to reduce cost
9) Constraints identified and feedback for research : Lack of information among the farming community regarding specific insecticides and no knowledge about Natural Farming formulation.
10) Process of farmers participation and their reaction : Farmers actively participated in using Natural Farming formulations

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
						Yield/ha			
Garlic	Rainfed	Insect pest problem	Managing insect pest problem through Natural farming formulations in vegetable crops	05	T1: Farmer practice (Nil)	46.5q		Maximum yield was recorded from Treatment- II, However yield under Treatment- III was better in quality with good shelf-life (Intervention)	
					T2: spray of Imidaclorpid @1ml/litre of water	56.0q			
					T3: spray of Jeevanmrut 5% and Derekastra at 15 days interval from sowing to 90 DAS (Intervention)	50.0 q			

**** No. of farmers***

Technology Assessed	*Production (q/ha)	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	14	15
T1: Farmer practice (Nil)	46.5 q	239970	3.03
T2: spray of Imidaclorpid @1ml/litre of water	56.0q	314470	3.36
T3: spray of Jeevanmrit 5% and Derekastra at 15 days interval from sowing to 90 DAS (Intervention)	50.0 q	292900	3.47

****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 2

1. Title : **Assessment of nutrient dose in walnut**

2. Problem diagnose/defined : Low yield due to imbalanced fertilizer application

3. Details of technologies selected for assessment /refinement:

Treatment I: (Farmer's practice)-(Urea 2000 g + 20 kg FYM)

Treatment II: -(1565 g N) + (435 g P) + (995 g K) (PoP, SKUAST-Jammu)

Treatment III: 50 % RDF + FYM + Vermicompost + Azotobacter (Intervention)

4 Source of technology : Package of Practices of SKUAST-Jammu

5. Production system thematic area : Rainfed

6) Thematic area : Nutrient Management

7) Performance of the Technology with performance indicators : satisfatory

8) Final recommendation for micro level situation : Trial stage to continue.

9) Constraints identified and feedback for research :Non availability of organic sources and farmers reluctance to technology at initial stage .

10) Process of farmers participation and their reaction : Farmers actively participated in the On Farm Trial programme

B). Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment		Feedback from the farmer
1	2	3	4	5	6	7		10
						Fruit yield kg/tree	**Yield (q/ha**	
Walnut	Rainfed	Low yield due to imbalanced dose of fertilizers	Assessment of nutrient dose in walnut	05	**Treatment I**: (Farmer's practice)-(Urea 2000 g + 20 kg FYM)	6.96	696	Results of OFT are promising in improving fruit yield and soil quality
					Treatment II: -(1565 g N) + (435 g P) + (995 g K) (PoP, SKUAST-Jammu)	7.28	728	
					Treatment- III 50 % RDF + FYM + Vermicompost + Azotobacter (Intervention)	7.44	744	

* No. of farmers

Technology Assessed	*Production per unit(kg/tree)	Net Return (Profit) in Rs. / ha	BC Ratio
11	12	13	14
Treatment I: (Farmer's practice)-(Urea 2000 g + 20 kg FYM)	696	107200	4.35
Treatment II: -(1565 g N) + (435 g P) + (995 g K) (PoP, SKUAST-Jammu)	728	115600	4.85
Treatment III: 50 % RDF + FYM + Vermicompost + Azotobacter (Intervention)	744	110800	3.92

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

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

Trial 3

A. Technology Assessment

1. Title : **Assessment of nutrient dose in Peach**
2. Problem diagnose/defined : Low yield due to imbalanced fertilizer application
3. Details of technologies selected for assessment / refinement: : T1 (Farmer's practice)-(Urea 500 g + 10 kg FYM)
   T2 -(280 g N) + (110 g P) + (330 g K) (PoP, SKUAST-Jammu)
   T3 - 50 % RDF + FYM + Vermicompost + Azotobacter (Intervention)

   Source of technology : Package of Practices of SKUAST-Jammu
4. Production system thematic area : INM in peach
5. Thematic area :
6. Performance of the Technology with performance indicators :

8) Final recommendation for micro level situation : Trial stage to continue.

9) Constraints identified and feedback for research : Non availability of biofertilizers in local market

10) Process of farmers participation and their reaction : farmers participation was satisfatroy and responsive.

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
						Fruit yield kg/tree	**Yield (q/ha**		
1	2	3	4	5	6	7	8	9	10
Peach	Rainfed	Low yield due to imbalanced dose of fertilizers	Assessment of nutrient dose in Peach	05	T1 (Farmer's practice)-(Urea 500 g + 10 kg FYM)	20.25	56.09		Results of OFT are promising in improving fruit yield and soil quality
					T2 -(280 g N) + (110 g P) + (330 g K) (PoP, SKUAST-Jammu)	32.10	88.91		
					T3 - 50 % RDF + FYM + Vermicompost + Azotobacter (Intervention)	34.28	94.95		

* No. of farmers

Technology Assessed	*Production per unit (12)		Net Return (Profit) in Rs. / unit	BC Ratio
11	**Yield (q/ha**		13	14
T1 (Farmer's practice)-(Urea 500 g + 10 kg FYM)	56.09	112625	2.12	112625
T2 -(280 g N) + (110 g P) + (330 g K) (PoP, SKUAST-Jammu)	88.91	482321	4.21	482321
T3 - 50 % RDF + FYM + Vermicompost + Azotobacter (Intervention)	94.95	531215	5.32	531215

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 2024 -25

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														
	Cereals	Rainfed	Kharif 2024	Maize	PA-4794	PA-4794	Replacement of Traditional Varieties	SCHS		21	36	0	48	84	
		Rainfed	Kharif 2024	Maize	SJPC-1	SJPC-1	Replacement of Traditional Varieties	SCHS		1	3	2	5	10	
		Rainfed	Kharif 2024	Paddy	Giza-14	Giza-14	Replacement of Traditional Varieties	Improved Variety		8	12		26	38	
		Rainfed	Rabi 2024	Wheat	DBW-222	DBW-222	Seed Replacement	Improved Variety		1.5	11	1	1	13	
		Rainfed	Rabi 2024	Wheat	VL-2014	VL-2014	Seed Replacement	Improved Variety		5	32	0	0	32	
	NICRA	Rainfed	Rabi 2024	Wheat	VL-2014	VL-2014	Seed Replacement	Improved Variety		10	25	25	0	50	
	Millets														
	Vegetables														
	Flowers														
	Fruit	Rainfed	Rabi 2024	Walnut	Mahan,		Popularization of QPM in Walnut			0.25	14	0	0	14	
		Rainfed	Rabi 2024	Pecanut	SKJ-W		Popularization of QPM in Pecanut			1	30	5	5	40	
	NICRA	Rainfed	Rabi 2024	Apricot and Pecan nut	And SKJ-W		Popularization of QPM in Apricot and Pecanut			0.9	29	3	7	39	
	Spices and condiments														

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ Demonstration				Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	OBC	Others	Total	
	Commercial														
	Medicinal and aromatic														
	Fodder	Rainfed	Rabi	Oats	Kent	Kent	Replacement of Fodder Wheat with Oat	Introduction of Oat as Fodder Crop		10.2	86	0	1	87	
	NICRA	Rainfed	Rabi	Oats	Kent	Kent	Replacement of Fodder Wheat with Oat	Introduction of Oat as Fodder Crop		6	25	0	5	30	
	NICRA	Rainfed	Rabi	Barseem	Mascavi		Replacement of traditional varieties	Improved variety		4	24	0	2	26	
	Dairy														
	Poultry														
	Piggery														
	Sheep and goat														
	Button mushroom														
	Vermicompost														
	IFS														
	Apiculture														
	Implements														
	Others (specify)	Rainfed	Kharif 2024	Vegetables			Integrated Pest	Use of Pheromone	3.5		17	0	0	17	

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	
							Management	and Fruit Fly Traps							

4.A. 1. Soil fertility status of FLDs plots during 2024 -25

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											
	Fodder											
	Plantation											
	Dairy											
	Poultry											

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*	
	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																			

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										
Cereals	Replacement of Traditional Varieties	PA-4794, SJPC-1	PA-4794	Rainfed	94	22	56	43	47.5	32.4	47.00	30000	87600	57600	2.92	25200	56300	31100	2.23
	Replacement of Traditional Varieties	Giza-14	Giza-14	Rainfed	38	8			35.6	28.2	26	42200	106800	64600	2.53	40200	70500	30300	1.75
	Seed Replacement	DBW-222, VL-2014	DBW-222	Rainfed	105	16.5			45.5	33.5	36.00	26500	98500	72000	3.71	26500	75400	48900	2.84
Millets																			
Vegetables																			
Flowers																			
Fruit	Popularization of QPM in Walnut	Mahan,	Mahan,	Rainfed	32	0.25		Fruit bearing will start after 5/6 years											
	Popularization of QPM in Pecanut	SKJ-W	SKJ-W	Rainfed	47	1		Fruit bearing will start after 5/6 years											
	Popularization of QPM in Apricot and Pecanut	And SKJ-W	And SKJ-W	Rainfed	39	0.9		Fruit bearing will start after 5/6 years											
Spices and condiments																			
Commercial																			
Medicinal and aromatic																			

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										
Fodder																			
	Introduction of Oat as Fodder Crop	Kent/Sabzaar	Kent/Sabzaar	Rainfed	117	16.2			280	224	25.00	21500	72300	50800	3.36	22700	55500	32800	2.44
	Introduction of Napier Grass as Fodder Crop			Rainfed	43														
	Improved variety of Berseem	Mascavi	Mascavi	Rainfed	26	4			364	320	14.00	60000	218400	158400	3.64	56000	192000	136000	3.42

@ green fodder @ Rs. 280/quintal

***** 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***
	Pheromone traps		Insect incidence	68.50% (REDUCTION IN PEST INCIDANCE)	15%
	SolarTRAP		Insect incidence	32.5%	10.3%

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 organized***	***Number of participants***	***Remarks***
1	Field days	**5**	**65**	
2	Farmers Training	**2**	**65**	
3	Media coverage			
4	Training for extension functionaries	**0**	**0**	
5	Others (Please specify)	3	68	

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	1	0	0	0	19	2	21	19	2	21
Nursery management				0			0	0	0	0
Integrated Crop Management				0			0	0	0	0
Integrated Nutrient Management	1			0	29	1	30	29	1	30
Fodder production										
Production of organic inputs										
Others	2	0	0	0	20	32	52	20	32	52
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	1	0	0	0	31	19	50	31	19	50
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										
Others	1	0	0	0	13	1	14	13	1	14
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	6	0	0	0	112	55	167	112	55	167
(B) RURAL YOUTH										
Mushroom Production										
Bee-keeping	1	0	0	0	2	41	43	2	41	43
Integrated farming										
Seed production										
Production of organic inputs										
Integrated Farming										
Integrated Nutrient Management										
Planting material production										
Vermi-culture/Vermicompositing										
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		37	37	0	22	22	0	59	59
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	1	0	0	0	0	38	38	0	38	38
Rural Crafts										
OTHERS	3	0	16	16	13	32	45	13	48	61
TOTAL	**6**	**0**	**53**	**53**	**15**	**133**	**148**	**15**	**186**	**201**
(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										
Others	2	24	0	24	50	0	50	74	0	74
TOTAL	**2**	**24**	**0**	**24**	**50**	**0**	**50**	**74**	**0**	**74**

B) **OFF Campus**

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
(A) Farmers & Farm Women										
I Crop Production										
Weed Management										
Resource Conservation Technologies	2	21	22	43	18	3	21	39	25	64
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production	2	11	10	21	30	18	48	41	28	69
Nursery management										
Integrated Crop Management										
Fodder production										
Production of organic inputs										
OTHERS	2	0	0	0	63	37	100	63	37	100
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.)										
Others										
b) Fruits										
Training and Pruning	2	0	0	0	22	5	27	22	5	27
Layout and Management of Orchards										
Cultivation of Fruit	1	0	0	0	8	2	10	8	2	10
Management of young plants/orchards										
Rejuvenation of old										

orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others	3	0	0	0	27	13	40	27	13	40
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 (sgr)	2	0	0	0	37	23	60	37	23	60
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	4	14	10	24	52	43	95	66	53	119
Integrated Disease Management	3	20	20	40	31	49	80	51	69	120
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	**21**	**66**	**62**	**128**	**288**	**193**	**481**	**354**	**255**	**609**
(B) RURAL YOUTH										
Mushroom Production										
Bee-keeping										
Integrated farming										

Seed production										
Production of organic inputs										
Integrated Farming										
Integrated Nutrient Management										
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										
Others	1	2	3	5	37	8	45	39	11	50
TOTAL	**1**	**2**	**3**	**5**	**37**	**8**	**45**	**39**	**11**	**50**

C) Consolidated table (ON and OFF Campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										

I Crop Production										
Weed Management										
Resource Conservation Technologies	2	21	22	43	18	3	21	39	25	64
Cropping Systems										
Crop Diversification										
Integrated Farming										
Water management										
Seed production	3	11	10	21	49	20	69	60	30	90
Nursery management										
Integrated Crop Management										
Integrated Nutrient Management	1	0	0	0	29	1	30	29	1	30
Fodder production										
Production of organic inputs										
Others	4	0	0	0	83	69	152	83	69	152
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.)										
Others										
b) Fruits										
Training and Pruning	2	0	0	0	22	5	27	22	5	27
Layout and Management of Orchards										
Cultivation of Fruit	1	0	0	0	8	2	10	8	2	10
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others	3	0	0	0	27	13	40	27	13	40
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	1	0	0	0	31	19	50	31	19	50
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										
others	1	0	0	0	13	1	14	13	1	14
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Disease Management										
Feed management	2	0	0	0	37	23	60	37	23	60
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	4	14	10	24	52	43	95	66	53	119
Integrated Disease Management	3	20	20	40	31	49	80	51	69	120
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	**27**	**66**	**62**	**128**	**437**	**271**	**708**	**503**	**333**	**836**
(B) RURAL YOUTH										
Mushroom Production										
Bee-keeping	1	0	0	0	2	41	43	2	41	43
Integrated farming										
Seed production										
Production of organic inputs										
Integrated Farming										
Integrated Nutrient Management										
Planting material production										
Vermi-culture/vermicomposting										

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	1	0	0	0	0	38	38	0	38	38
Value addition	1		37	37	0	22	22	0	59	59
Rural Crafts										
others	3	0	16	16	13	32	45	13	48	61
TOTAL	**6**	**0**	**53**	**53**	**15**	**133**	**148**	**15**	**186**	**201**
(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										
Others	3	26	3	31	87	8	95	113	11	124
TOTAL	3	26	3	31	87	8	95	113	11	124
GRAND TOTAL	**36**	**92**	**118**	**210**	**502**	**389**	**891**	**594**	**507**	**1101**

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

Date	**Clientele**	**Title of the training programme**	**Discipline**	**Thematic area**	**Duration in days**	**Venue (Off / On Campus)**	**Number of other participants**			**Number of SC/ST**			**Total number of participants**		
							Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
06.04.24	Farmer	Training Programme on Skill Training on Daksh Portal	CP		01	KVK Poonch	0	0	0	10	25	35	10	25	35
08.06.2024	-do-	Training on Daksh Kisan Portal	CP		01	KVK Poonch	0	0	0	7	12	19	7	12	19
24.07.2024	F	Training programmeonClimate Resilient Agriculture and SoilHealth Management	CP		01	Lower Mangnar	9	12	21	1	2	3	10	14	24
26.07.2024	F	Training programmeonClimate Resilient Agriculture and SoilHealt	CP		01	Upper Mangnar	12	10	22	17	1	18	29	11	40

		h Management													
27.08.2024	F	Importance of Nano urea	CP			KVK Poonch	0	0	0	13	11	24	13	11	24
30.10.2024	F	Seed Production techniques in wheat crop	CP		01	KVK Poonch	0	0	0	19	2	21	19	2	21
11.11.2024	F	Nutrient management and improved varieties of rabi field crops	CP		01	KVK	0	0	0	29	1	30	29	1	30
12.11.2024	F	Training and demonstration on organic/ Natural Farming	CP		01	Mendhar	10	5	15	26	9	35	36	14	50
13.11.2024	F	Training and demonstration on organic/ Natural Farming	CP		01	KVK Poonch	8	7	15	22	13	30	36	20	50
14.11.2024	F	Training and demonstration on organic/ Natural Farming	CP		01	Surankote	15	0	15	35	0	50	0	50	50
26.11.2024		Climate resilient technologies for sustainable seed production in wheat and demonstration of hand tools for drudgery reduction	CP		01	Mangnar	11	10	21	11	12	23	22	22	44
HORTICULTURE															
19/02/2025	F	Training programme on	Horticulture		01	Darra	0	0	0	8	2	10	8	2	10

		scientific cultivation of Pecan nut and Apricot													
1/03/2025		Training programme on canopy management	Horticulture		01	Azamabad	0	0	0	11	3	14	11	3	14
2/03/2025		Training programme on canopy management	Horticulture		01	Baila	0	0	0	11	2	13	11	2	13
20/03/2025		Training on pollination management	Horticulture		01	Fatepur	0	0	0	7	8	15	7	8	15
21/03/2025		INM in fruit crops	Horticulture		01	Rajpura	0	0	0	9	3	12	9	3	12
22/03/2025		Nutrient management in plum	Horticulture		01	Khanetar	0	4	4	9	0	9	9	4	13
Plant Protection															
25.07.2024	F	Training and Demonstration on Pheromone/ Solar Traps	PP		01	Darra	0	0	0	12	5	17	12	5	17
29.07.2024		Awarenes s/Training Programme on new insect pests under climate change	PP		01	Darra	0	0	0	21	16	37	21	16	37
11.07.2024to 12.07.2024		Integrated Pest & disease Management under Natural Farming	PP		02	Safeda Khanetar	0	0	0	24	16	40	24	16	40
13.07.2024to 14.07.20		Integrated Pest & disease Management under	PP		02	Loran	20	20	40	0	0	0	20	20	40

24		Natural Farming													
07.8.2024		Training programme on IPM invegetables under NICRA project	PP		01	Mangnar	14	10	24	1	0	1	15	10	25
11.12.2024 to 12.12 2024		Integrated Pest &disease Management under Natural Farming	PP		02	Khet mandi	0	0	0	6	34	40	6	34	40
02.01.2025 to 03.01.2025		Integrated Pest &disease Management under Natural Farming	PP		02	Darra Dullian	0	0	0	25	15	40	25	15	40
DAksh kisan skill trainings															
March to May 2024	F/Y	05 days practical/ Contact classes on “Development of Rainfed Areas” under HADP	Skill		05	KVK /ONLINE									20
March to May 2024		05 days practical/ Contact classes on “Promotion of Niche Crops Pecan nut” under HADP	Skill		05	KVK /ONLINE									79
March to May 2024		05 days practical/ Contact classes on “Promotion of Apiculture ” under HADP	Skill		05	KVK /ONLINE									47
March to May 2024		Contact classes on “Production of Designer	Skill		05	KVK /ONLINE									3

		Plants for Promotion of High Density"													
March to May 2024		05 days practical/ Contact classes on "Quality Seed Production in oilseed – SKUAST (J)"	Skill		05	KVK /ONLINE									18
March to May 2024		05 days practical/ Contact classes on "Formulation of 300 FPOs – SKUAST (J)"	Skill		05	KVK /ONLINE									03

(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	
Enterpris	21.03.2024 to 25.04.2024	women tailoring and crafting for self - help group		30	0	0	0	0	35	35	0	35	35				
	29.08.2024 to14.09.2024	15 days training programme forfertilizer dealers		15	0	0	0	13	7	20	13	7	20				
	02.10.2024 to 07.10.2024	Vocational training on value addition		05	0	38	38	0	21	21	0	59	59				
	08.10	Skill		05	0	0	0	2	41	43	2	41	43				

	.2024 to 12.10 .2024	develo pmenttrai ning on Beeke eping															

***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	4/02/ 2025 to 6/02/ 2025	03 days training programme on Nutri-mix formula for lactating & pregnant womenSkill			03	WOMEN	1	0	0	0	0	30	30	0	30	30		
2	20/03 /2025 to 25/03 /2025	Natural Farming for Krishi sakhis			05	WOMEN	1	0	0	0	0	11	11	0	11	11		

(F) Collaborative Programmes

Sl. No	Date	Title	Collaboration	No. of Participants								
				Others			SC/ST			Total		
				Male	Female	Total	Male	Female	Total	Male	Female	Total
1	02.06.2024	ATMA	Department of Agriculture and KVK Poonch	2	5	7	28	15	43	30	20	50
2	12.10.2024	Training programme in collaboration with Regional Fodder Station, Srinagar	Regional Fodder Station, Srinagar and KVK Poonch	10	2	12	18	0	18	28	2	30

3	12.10.2024	Training programme in collaboration with Regional Fodder Station, Srinagar	Regional Fodder Station, Srinagar and KVK Poonch		3	0	3	21	6	27	24	6	30
Total													

6. Extension Activities (including activities of FLD programmes) 2024-25

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**	**Wheat/oat/apricot/pecans**	**5**	25	6	31	27	7	34	0	0	0	52	13	65
2.	Kisan Mela	Kisan Samman Samaroh	**1**	15	11	26	170	89	259	19	8	27	204	108	312
3.	Exhibition		**3**												5346
4.	Kisan Ghosthi		**9**	26	18	44	87	51	138	9	3	12	122	72	194
5.	Film Show (livetelecast)		**5**	28	26	54	192	152	344	22	8	30	242	186	428
6.	Method Demonstrations		**11**	213	52	265	149	10	159	0	0	0	362	62	424
7.	Workshop		**1**	0	0	0	0	0	0	10	0	0	10	0	10
8.	Group meetings		**1**	8	8	16	4	4	8	8	0	8	20	12	32
9.	Kisan Mela		01												302
10.	Total														
11.	Exhibition														
12.															
	Method Demonstrations														
13.	Farmers Seminar														
14.	Workshop														
15.	Group meetings														
16.	Lectures delivered as resource persons		**59**	15	25	40	310	176	486	36	13	49	361	214	575
17.	Newspaper coverage		**35**											large audience	
18.	Radio talks		**4**											large audience	
19.	TV talks														
20.	Popular articles														
21.	Extension Literature		**10**												1250
22.	Advisory Services	sms	**31**												11699
23.	Scientific visit		**46**												302

	to farmers field														
24.	Farmers visit to KVK		**35**	305	187	492	630	505	1135	30	8	38	965	700	1665
25.	Diagnostic visits		**26**	10	5	15	20	23	43	6	0	6	36	28	64
26.	Exposure visits		**4**	4	2	6	121	109	230	4	2	6	129	113	242
27.	Ex-trainees Sammelan														
28.	Soil health Camp														
29.	Animal Health Camp														
30.	Agri mobile clinic														
31.	Soil test campaigns														
32.	Farm Science Club Conveners meet														
33.	Self Help Group Conveners meetings														
34.	Mahila Mandals Conveners meetings														
35.	Celebration of important days (specify)		11												466
36.	Awareness prog.		11												452

FIELD DAYS

S.No.	Programme/ activity	Date	Venue	Participants
1	Field Day on Wheat	29.04.2024	Mangnar	18
2	Field Day on Oats	03.05.2024	Mangnar	17
3	Field day on apricot	20.05.2024	KVK Poonch	10
4	Field day on Walnut	26.09.2024	Lassana	10
5	Field day on Pecan nut	06.11.2024	Madana	10

Kisan Melas & EXHIBITIONS

Name of the programme	Date(s)	Venue	Dignitaries
Exposure visit of farmers to National Agriculture summit,	19.11 to 21.11.2024	SKUAST-Jammu	45
Exhibition at National Agriculture summit,	20.11.2024 to 23.11.2024	SKUAST-Jammu	5000
Exhibition stall on the occasion of Live Webcasting of Kisan Samman Samaroh at KVK Poonch	24/02/2025	KVK Poonch	301

Live webcasting

Name of event	Date	place	No. of participants
Live Telecast of PM-KISAN	18.06.2024	KVK Poonch	43
Live Programmeon launch ofNPSS at KVKPoonch	15.08.2024	online	10
Live Telecast of PM-KISAN	05.10.2024	KVK Poonch	39
Live telecast of Krishi Choupal	KVK Poonch	08/02/2025	35
Kissan Samman Samaroh Release of 19th Installment of PM-KISAN Scheme on 24th February, 2025 by Hon'ble PM	24.02.2025	KVK Poonch	302

Field demonstrations (2024-25)

S. No.	Crop	Thematic areas	Variety	Technology Demonstrated	Area (ha)	Total no. of Beneficiaries
1	Maize	CP	SJPC-1	Evaluation of Maize hybrids	01	10
2	Maize	CP	P-4794	Evaluation of Maize composite P-4794	21	84
3.	Paddy	CP	Giza-14	Demonstration of paddy variety	08	38
4	Oats (KVK produce)	CP	Sabzar	Promotion of fodder varities	10.2	87
5	Oats (NICRA)	CP	Kent	Promotion of fodder varities	6	30
6	Wheat(fld under NICRA)	CP	VL2014	Promotion of HY varieties	10	50
7	Wheat (KVK produce)	CP	DBW-222	Promotion of HY varieties	1.5	13
8	Wheat (FLD)	CP	VL2014	Promotion of HY varieties	5	32
9	Pecans (grafted)	CP		Promotion of grafted pecans	1.0	40
10	Walnut (grafted)	CP		Promotion of grafted walnut	0.25	14
11	Pecan nut and Apricot under NICRA project	CP		Promotion of grafted pecan nut and apricot	0.9	39

T&V Workshops

1	12.08.2024	Extension personnels	T&V Workshop	KVK	01	10

Important days and Kisan Ghoshties

Name of the Event	Dates	Venue	Participants
Awareness cum trainingprogramme and celebrationof 50 years of KVKs(Golden Jubilee TorchProgramme)	15.04.2024	KVK poonch	35
ICAR Foundation Day and Live Programme of Union AM at KVK	16.07.2024	KVK Campus	12
Kisan Sampark Abhiyan	30.07.2024	Lassana	50
Independence day celebration	15.08.2024	KVK campus	150
Organized eventon # Ek ped Maake Naam	15.09.2024	KVK campus	19
Celebration of Republic Day	26.01.2025	KVK	200

6. B. Kisan Mobile Advisory Services 2024-25

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	241302	28							

Agro advisory Kisan sarathi	Online	1	08.04.2024	7204
Agro advisory Kisan sarathi	Online	1	18.04.2024	7205
Agro advisory Kisan sarathi	Online	1	27.04.2024	7206
Agro advisory Kisan sarathi	Online	1	10.05.2024	7206
Agro advisory Kisan sarathi	Online	1	27.05.2024	7206
Agro advisory Kisan sarathi	Online	1	27.06.2024	7207
Agro advisory Kisan sarathi	Online	1	08.07.2024	4257
Agro advisory Kisan sarathi	Online	1	26.7.2024	7691
Agro advisory Kisan sarathi	Online	1	27.08.2024	8774
Agro advisory Kisan sarathi	Online	1	28.09.2024	8799
Agro advisory Kisan sarathi	Online	1	30.09.2024	8799
Agro advisory Kisan sarathi	Online	1	23.10.2024	8849
Agro advisory Kisan sarathi	Online	1	30.10.2024	8943
Agro advisory Kisan sarathi	Online	1	11.11.2024	8944
Agro advisory Kisan sarathi	Online	1	26.11.2024	9621
Agro advisory Kisan sarathi	Online	1	11.12.2024	10029
Agro advisory Kisan sarathi	Online	1	11.12.2024	10029

Agro advisory Kisan sarathi	Online	1	11.12.2024	10029
Agro advisory Kisan sarathi	Online	1	16.12.2024	10315
Agro advisory Kisan sarathi	Online	1	26.12.2024	10604
Agro advisory Kisan sarathi	Online	1	31.12.2024	10604
Agro advisory Kisan sarathi	Online	1	08.01.2024	10604
Agro advisory Kisan sarathi	Online	1	15.01.2024	11064
Agro advisory Kisan sarathi	Online	1	19/02/2025	11497
Agro advisory Kisan sarathi	Online	1		11297
Agro advisory Kisan sarathi	Online	1	04.03.2025	11656
Agro advisory Kisan sarathi	Online	1	24.03.2025	11699
Agro advisory Kisan sarathi	Online	1	24.03.2025	11699
				259037

6.C. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS during 2024-25

No. of Technology week celebrated	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies	2	100	
	Lectures organized	4	38	
	Exhibition			
	Film show			
	Fair			
	Farm Visit	1	33	
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week		**171**	

BENCHMARK SURVEY

S.No.	Topic	Date	Venue	Agency
1	Baseline Survey under NICRA Project	July, 2024	Darra	NICRA PROJECT

Invited lectures

Title	Dates	Organized by	Venue	Delivered by.
Delivered lecture to INM	02.05.2024	KVK R.S. Pura	KVK R.S. Pura	Dr. Ajay Gupta

participants at KVK R.S. Pura				
Delivered lead lecture on Hill Farming and Sustainable Agriculture	05.07.2024	Diision of Entomology (National conference)	Patnitop	Dr. Ajay Gupta
Delivered lecture to INM participants at KVK Rajouri	20.09.2024	KVK Rajouri	online	Dr. Ajay Gupta
Delivered lecture to INM participants at KVK Doda	01.10.2024	KVK Doda	Online	Dr. Ajay Gupta
Delivered lecture to INM participants at KVK Doda	07.10.2024	KVK Doda	Online	Dr. Ajay Gupta
Delivered lecture to INM participants at KVK R.S. Pura	18.10.2024	KVK R.S. Pura	KVK R.S. Pura	Dr. Ajay Gupta
Delivered lecture during training programme of Horticulture department.	10-01-2025	Horticulture department	Qazi Morah	Dr.M.A.Guroo
Scientific beekeeping during 7 days Training Programme under NBHM	27.01.2025	Agriculture department poonch	Department of agriculture, Poonch	Dr. M.A.Guroo
Scientific beekeeping during 2 days Training Programme	04.02.2025	Agriculture department poonch		Dr.M.A.Guroo
Chickpea bar	04.02.2025 to 06.02.2025	JKNRLM		Dr.Muzfar Mir
Ragi Mix	04.02.2025 to 06.02.2025	JKNRLM		Dr. M.A.Guroo
Seed premix	04.02.2025 to 06.02.2025	JKNRLM		Dr. Ramandeep Kour
Delivered lecture to INM Participants of KVK Rajouri	06.03.2025	Kvk Rajouri	Online	Dr. Ajay Gupta
Delivered Lecture to SDAO Office	10.03.2025	SDAO Office	Mendher	Dr. Ajay Gupta
Delivered lecture to INM Participants of KVK R S Pura	12.03.2025	KVK RS Pura	R. S. Pura	Dr. Ajay Gupta

7. Production and supply of Technological products 2024-25

A) SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS	**Wheat**		**1.50**	**5550**	**13**
	Oat		**10.8**	54000	87
OILSEEDS					
PULSES					
VEGETABLES					
FLOWER CROPS					
OTHERS (Specify)	Napier Grass		**5000 root slips**	free	Large

*An example for guidance only

B) PLANTING MATERIALS

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

	Walnut grafted		368	110400	
	Pecan nut grafted		919	275700	
	Apricot		70	7000	
SPICES					
VEGETABLES					
FOREST SPECIES					
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						
2						
3						
BIO PESTICIDES						
1						
2						

D) LIVESTOCK

Sl. No.	**Type**	**Breed**	**Quantity**		**Value (Rs.)**	**Provided to No. of Farmers**
			(Nos	**Kgs**		
Cattle	**Buffalo***	**Murrah***				
	Buffalo*					
SHEEP AND GOAT	**Goat***	**Osmanabadi***				
POULTRY	**Hen***	**Whiteleghorn***				
	Hen*	**Giriraja***				
	Quails*					
FISHERIES						
Others (Specify)						

Learning programme of school students (Exposure visit to KVK)

Name of the programme	Date(s)	Venue	Participants
Exposure visit of Higher Secondary School, Lathoong	22.10.2024	KVK Poonch	55
Exposure visit of Higher Secondary School, Bandichechian	24.10.2024	KVK Poonch	40
Exposure visit of Higher Secondary School, Lassana	12.11.2024	KVK Poonch	40
Exposure visit of Higher Secondary School, Palera	12.11.2024	KVK Poonch	45
Industrial/Field visit of students of GHS Degwar at KVK Poonch	22.01.2025	KVKPoonch	53

Meetings

Particular	Venue/place	Date	Attendee
Attended DLC Meeting at DC Office parliament elections	DC Office, Poonch	09.02.2024	Dr Ajay Gupta
Meeting in DC office regarding HADP (daksh portal)	ADDC office	18.03.2024	Dr Ajay Gupta
Meeting in DC office regarding HADP (daksh portal)	ADDC office	19.03.2024	Dr Ajay Gupta
Meeting in DC office regarding HADP (daksh portal)	ADDC office	20.03.2024	Dr Ajay Gupta
Meeting on credit link beneficiaries	DC office	22.03.2024	Dr Ajay Gupta
Attended Meeting in ADDC office regarding HADP (daksh portal)	DC office	03.04.2024	Dr Ajay Gupta
Attended DLC Meeting			
Attended meeting onHADP at DDC office	DC office	10.06.2024	Dr.Ajay Gupta
Attended Atari meeting	Online	25.06.2024	Dr.Ajay Gupta
Attended meetingregarding KSA	CHO Office	29.06.2024	Dr. Ajay Gupta
Attended NICRA Action plan meeting	Online	01.07.2024	Dr. Ajay Gupta
Participated in kharifZREAC meeting	SKUAST-J	02.07.2024	Dr. Ajay Gupta
Attended NICRA Action plan meeting	Online	08.07.2024	Dr. Ajay Gupta
Attended VC at DC officePoonch on HADP	DC office	09.07.2024	Dr. Ajay Gupta
Attended Regional consultation meet	Lukhnow	19.07.2024	Dr. Muzzafar Mir
Meeting with DC Poonch regarding Assembly Election	DC office	23.08.2024	Dr. Ajay Gupta
Attended monthly meeting of KVKs	Online	30.08.2024	Dr. Ajay Gupta
Attended HADP meeting in DC office	DC office	27.09.2024	Dr. Ajay Gupta
Attended meeting at Economics division regarding National Agriculture Summit	Skuast-Jammu	16.10.2024	Dr. Ajay Gupta
Attended meetingwith Hon'ble Minister for Jal Shakti Forest Ecology and Environment and Tribal affairs todistrict Poonch	Mendhar	29.10.2024	Dr. Ajay Gupta
Attended Scale of Finance (SoF) meeting at DC office	DC Office	10-01-2025	Dr. Mustaq Guroo

Attended HADP meeting	DC Office	11-01-2025	Dr. Mustaq Guroo
Attended HADP meeting	DC Office	21-01-2025	Dr. Mustaq Guroo
Attended HADP meeting at DC office	DC office	25.02.2025	
Attended meeting regarding PM Materya Yojna	DC Office, Poonch	08.03.2025	Dr. AjayGupta

PART 8 – PUBLICATION, SUCCESS STORY, SWTL, TECHNOLOGY WEEK AND DROUGHT MITIGATION 2024-25

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	Standardization of four lap (banana graft) propagation technique in pecan nut (*Caryaillinoinensis* W)	Muzafarmir, Ajay Gupta, Prashant Bakshi, Suja Nabi, Bilal, A. Pandith,S.S.Jamwal ,Mushtaq Guroo, Ramandeep Kour, Kunal Lakhanpal. 2024.Plant Archives, 24(2), 2379-2384.	
	Effect of different growing media on germinination and seedling growth of walnut (*Juglans regia* L.)	Muzafarmir, Prashant Bakshi, Kiran Kour, Rakesh Kumar, Ajay Gupta, Bilal, A. Pandith, Suja Nabi, S.S. Jamwal ,Mushtaq Guroo, Ramandeep Kour. 2024.The Pharma Innovation Journal, 13 (6), 23-28.	
	Effect of different growing media and planting dates on germinination and seedling growth of pecan nut (*Carya illinoinensis* L.)	Muzafarmir, Prashant Bakshi, Kiran Kour, Sheikh Khursheed, Suja Nabi, Ajay Gupta, Bilal, A. Pandith, Kunal Lakhanpal, Mushtaq Guroo, Ramandeep Kou . 2024.Plant Archives, 24,1371-1376.	
Abstracts			
Books	The nut fruits	Mir,M., Gupta,A., Bakshi, P.,Kour, K.,Tandon, V., Guroo, M. and Kour, R. 2024. The Nut Fruits.NPH Publishers and Distributors New Delhi	
	Breeding of Nut Crops	Mir,M., Bakshi, P., Tandon, V., Gupta,A., ,Kour, K. 2024.Breeding of Nut Crops.	
	Fruit Crop Biodiversity, Conservation Strategies and regulatory framework	Mir, M., Manju., Sharma, R. and Sharma K. 2025. Biotech Books,	

Item	*Title*	*Authors name*	*Number of copies*
		ISBN 978-81-7622-616-5	
	Nutrition of Fruit Crops	Mir, M., et al. (2025). Nutrition of Fruit Crops. Elite Publishing House, ISBN 978-93-58994-65	
	Abiotic stress managment in fruit crops	Manju., et al. (2025). Abiotic stress management in fruit crops Elite Publishing House, ISBN 978-93-94345-48-4	
Book chapter			
Technical reports			
Technical bulletins	Management of Fall Armyworm May 2024	Dr. Ajay Gupta, Dr. Mustaq Guroo, Dr. Muzzafar Mir, Dr. Sudhir Jamwal	
	Natural Farming-an Opportunity	Dr. Ajay Gupta, Dr. Sanjay Kaushal, Dr. Muzzafar Mir, Dr. Mustaq Guroo, Dr. Vishal sharma, Dr. Sudhir Jamwal	
	Insect Pest Management in Natural Management	Dr. Ramandeep Kour, Dr. Ajay Gupta, Dr. Muzzafar Mir, Dr. MustaqGuroo, Dr. S. S. Jamwal, Dr. Sanjay Kaushal.	
	Concept and importance of Natural Farming	Dr. Ajay Gupta, Dr. Mustaq Guroo, Dr. Muzzafar Mir, Dr. Sudhir Jamwal, Dr. Ramandeep Kour, Dr. Sanjay Kaushal.	
Popular articles			
Training Manual			
Extension literature			
Folders /leaflets			
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

Output

Outcome

Impact

Success story-3

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

Impact of Rain water Harvesting on vegetable production

Introduction: Vegetable crops typically demand a lot of water and are extremely sensitive to moisture stress, due to their rapid development cycles, tender foliage and shallow root systems. However, one of the biggest challenges in growing vegetables is water shortage in rainfed regions like Poonch where farmers heavily rely on seasonal rainfall. Poonch has experienced protracted dry spells in recent years during crucial agricultural development stages, underscoring the pressing need for effective and sustainable water management techniques. Rainwater harvesting stands out among all of these as a useful and efficient method. A backup water source for irrigation during dry spells can be created by farmers by collecting and storing rainwater during the monsoon or rainy seasons. In addition to keeping soil moisture levels steady, this promotes the general robustness of vegetable agricultural systems.

KVK intervention: At village Mangnar in district Poonch, two rainwater harvesting tank sheets were installed in previously defunct tanks, successfully restoring their functionality. These tanks, which had remained unused for years due to damage and neglect, were brought back into operation through this

simple yet impactful intervention. During the peak monsoon months of July and August, the tanks efficiently captured and stored rainwater. The harvested water became a valuable resource for the local farming community, particularly during dry spells when water is scarce.

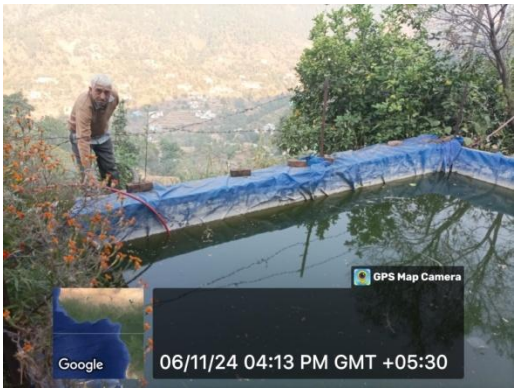
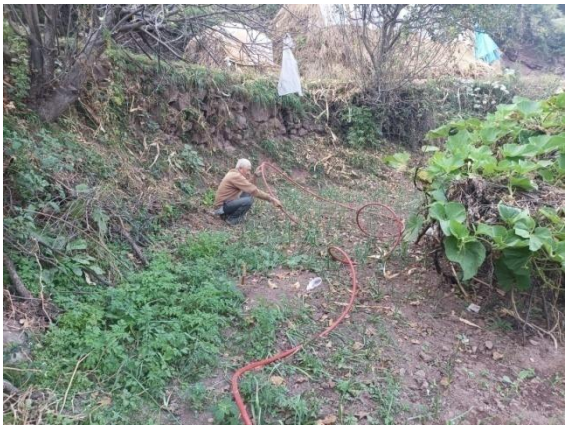
Output:

Climatic stress	Intervention taken up*	Number of villages and farmers involved	Impact on crop yields (q/ha)			Profitability		
			With intervention	Without intervention	Increase over farmers' practice	With intervention	Without intervention	Increase over farmers' practice
Water scarcity/Lack of irrigation	**Renovation of defunct Rain water Harvesting Tanks**	**1(20)**	320	210	52 %	520000	400000	30 %

Outcome: Farmers made use of the collected water for supplemental irrigation, which led to a substantial increase in vegetable yield from 210 qt/ha to 320 qt/ha. This initiative resulted in a significant rise of 52% in yield, indicating improved returns on their investments. Besides enhancing crop production, the stored water is also utilized by a large number of farming households to satisfy their animals daily water requirements. With the tanks now operational, they have considerably alleviated the challenge of traveling long distances for water, offering farmers more convenient and dependable access to this vital resource.

Impact: This initiative not only revived existing infrastructure but also strengthened water security in the village, providing a reliable source of water for both agricultural and livestock needs.

	
Before intervention	After Intervention

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
- In-service personnel

9.E. Field activities

i.	Number of villages adopted :	04 (Maize village. Pecan nut village, NICRA village)
ii.	No. of farm families selected	80
iii.	No. of survey/PRA conducted	02

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

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

Sl. No	Name of the Equipment	Qty.	Cost
1	-	-	-
2	-	-	-
3	-	-	-
Total			

3. **Details of samples analyzed / Soil Health Cards issued during 2024-25 (April-March) :**

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 2024 (Jan-Dec) :**

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

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)

Horizontal expansion of grafted pecan, *Carya illinoinnensis* in district Poonch through technological intervention

Introduction Pecans, *Carya illinoinnensis* is one of the most significant nut fruit crop in the world owing to its economic and nutritional benefits. It ranks 5th in production across the globe. In India it is grown mainly Jammu and Kashmir and Himachal Pradesh. In the Union territory of J &K, It is mainly grown in the Jammu province over an area of 493 hectares with a production of 72.50 MT. In district poonch, it is grown over an area of 205 hectares with a production of 7.26 million tons respectively. At present there are about 1700 pecan nut growers with majority of farmers possessing sizeable orchards of this fruit crop. Realizing the production potential of this crop owing to suitable climatic conditions in the district, many farmers over the years have turned up to this office for the supply of grafted pecan nut plants as there is lack of improved cultivars, non-availability of adequate quality planting material, lack of clonal rootstocks, problem of well established nurseries plants and more importantly lack of awareness among the farmers regarding the scientific cultivation of this nut crop.

KVK intervention: Taking the aforementioned factors into account, KrishiVigyan Kendra, Poonch at its horticultural nursery produced grafted pecan plants as part of an endeavor to commercialize pecans. In order to produce a huge number of planting material, seedlings were multiplied at KVK Poonch in pecan nurseries, mother blocks and shade nets since 2018. Collection of pecan nut seeds for rootstock generation, seeding of pecan nut seeds in poly bags, standardization of appropriate propagation techniques, production of high-quality planting material of improved pecan nut cultivars were the

primary focus. In addition, interested farmers received hands-on training for establishing pecan nut nurseries.

Output: Pecan farming has been introduced to the barren and uncultivated terrains. Approximately 1400 grafted pecan plants were given to farmers as FLD during 2022-25.

Outcome: Due to the ongoing production of grafted pecans at KVK Poonch and their distribution among farmers, the area used for pecan nut cultivation has grown significantly. Around 50 hectares of land has been further brought under pecan cultivation during 2022-25 alone.

Impact: Due to the ongoing production and distribution of planting material at KVK Poonch, the area under pecan cultivation has expanded horizontally from 205 ha to 280 ha. Additionally, the establishment of pecan nut nurseries on farmers' fields has helped to increase the area used for pecan farming. Given that pecan nuts have a monetary value of about 7.5 lakh per hectare, the area extension is anticipated to help farmers who are experiencing economic hardship.

Horizontal expansion of grafted pecan in district Poonch

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

Particulars	KVK Intervention	Adoption %	Impact
Canopy management in fruit crops	Training	50.0	More than 500 farmers other than beneficiaries in the cluster area have adopted canopy management.
Area expansion under oats for fodder security	FLD and training	90.5	On more than 4000 ha oats crop is being grown ever year
Promotion of pecan as high value crop	Trainings and distribution of grafted pecan plants	65.5	Horizontal spread more than 1700 growers. No of growers increasing by 100 or more every year.
Farm Mechanization through power tiller	CHC establishment and trainings	35%	More families are carrying out farm ploughing through tillers instead blocks and many have purchased their power tillers

11.0 LINKAGES

11.1 Functional linkage with different organizations 2024-25

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 2024-25

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
03 days tranining programme on Nutri Mix formula for lactating and pregnant women	04.02.2025 to 06.02.2025	**JKNRLM**	**13500**

11.3 Details of linkage with ATMA 2024-25

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Remarks
1	Trainings, Awareness, Exposure visits,	Supporting through Resource person	

Coordination activities between KVK and ATMA during 2024-25

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**	PFMS	01	1	50
04	**Demonstrations**				
05	**Extension Programmes**				
	Kisan Mela				
	Technology Week				
	Exposure visit	01	01	01	50
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	FFS				
06	**Publications**				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others News coverage				
07	**Other Activities**	01	01	01	60

11.4 Give details of programmes implemented under National Horticultural Mission 2024-25

S. No.	Programme	Nature of linkage	Constraints if any
1	Nursery accreditation	Chairman/Member	

11.5 Nature of linkage with National Fisheries Development Board 2024-25

S. No.	Programme	Nature of linkage	Remarks
1			

11.6. Details of linkage with RKVY 2024-25

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
	Awareness/training	Resource person	-	-	Managed by Agri department

12. PERFORMANCE OF INFRASTRUCTURE IN KVK 2024-25

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								
	Mother block (walnut and pecan nut	2015	4 Kanal						
	others								
	Oats	May 2024		Kent	Seed	10.2	23320/	54000	
	Sorghum	Sept 2024		MP cherry	Green grass	1.8 ha	22400/-	81790	

12.2 Performance of instructional farm (Crops) including seed production 2024-25

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.,) 2024-25

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

12.4 Performance of instructional farm (livestock and fisheries production) 2024-25

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)*
April 2024			
May 2024			
June 2024			
July 2024			
August 2024			
September 2024			
October 2024			
November 2024	2	34	10200
December 2024			
January 2025			
February 2025			
March 2025			

12.6. Database management

S. No	*Database target*	*Database created by the KVK*

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

State	No. of Training programmes under Rain water Harvesting	No. of Demonstrations	Seed produced (q)	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)	No. of KVKs involved
Punjab							
Uttarakhand							
Jammu & Kashmir		2					
Himachal Pradesh							
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 2024-25 (up to March 2023)

SL.No	Budget Head	Sanctioned	Released	Expenditure
	Grants for Creation of Capital Assets (Capital)			
1	Works	0.00		
	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)		**0**	**0**
1.	Grant in aid salary			
	Pay and allowances	111.26	111.26	111.26
	Total pay and allowances	**111.26**	**111.26**	**111.26**
	Grant in Aid – General			
2.	Travelling allowances (domestics)	1.36	1.36	1.24
	T.A (Foreign)			
	Total TA	**1.36**	**1.36**	**1.24**
3.	A. Research Expenses	1.41	1.41	1.40
	B. Operational expenses	1.71	1.71	1.45
	C. Infrastructure (Rent, electricity, water charges ,veh running exp. Insurances)	0.71	0.71	0.71
	D. Communication (postage and telephone)	0	0	0
	E. Others (excluding TA) (printing and stationery consumable ,advertising legal professional charges	0	0	0
	F. Publicity and exhibitions		0	0
	G. Guest house –maintenance (recurring only)		0	0
	H. Others miscellaneous	0	0	0
	1. Repair and maintenance	0.12	0.12	0.12
	(i) Equipments, vehicles and others	0.12	0.12	0.12
	(ii) Office Buildings	0	0	0
	(iii) Residential Buildings	0.00	0.00	0.00
	(iv) Grains in Aid TSP	12.30	12.30	12.29
	Revolving fund			
	Total Recurring Contingencey		16.37	16.09
	Grant in Aid-General (RC+TA)		17.73	17.33
	Grant Total (Capital +Salary+General)		**128.99**	**128.59**

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 2020 to March 2021	1186598	156270	29425	1313443
April 2021 to March 2022	1313443	553410	158335	1708518
April 2022 to March 2023	1708518	221020	115507	1814031
April 2023 to March 2024	1814031	761825	153089	2222767
April 2024 to March 2025	822767	819610	309423	2932954

14. Details of HRD activities attended by KVK staff during 2024-25

Name of the training Programm	Location	Dated	Name of the scientist
Attended five days training programme on Natural farming at MANAGE,Hyderabad	MANAGE,Hyderabad	14.05.2024to 18.05.2024	Dr Ajay Gupta/Dr.M.A. Guroo
Participated in 03 daysNational Conference on“Ecological Engineering and Sustainable Livelihood (EESL-2024)”	Sanasar, J&K	5-07-2024 to 07-07-2024	Dr Ajay Gupta/Dr.M.A. Guroo

Participated in 02 days Review cum Awareness Workshop for the KVKs of Zone-1 on Natural Farming	SKUAST-K, SRINAGAR	22.07.2024 TO 23.07.2024	Dr Ajay Gupta/Dr.M.A. Guroo
Attended 03 days Annual Zonal Meet	Ludhiana	18.09.2024 to 20.09.2024	Dr. AjayGupta
Participation in Foundation ICAR-ATARI Ludhiana	Ludhiana	11-01-2025	Dr. Muzzafar Mir
Attended 04 days training programme under NMNF at NAHEP-IDP	SKUAST-J	25-28th February	Dr Ajay Gupta

15. Details of Important Programs/Events conducted in KVKs during 2024-25 (With 4-5 Photographs (JPEG Format).

(Please furnish detailed information for each Program/Event)

Details of Important Programs/Events conducted in KVKs during 2024-25

a) KVK Poonch in collaboration with Rural Self Employment Training Institutes started 30 days women tailoring and crafting for self-help group (21.03.2024 to 21.04.2024):

KVK, Poonch working under the administrative control of SKUAST, Jammu, completed 30 days women tailoring and crafting for self-help group in collaboration with Rural Self Employment Training Institute. The primary aim of this skill development programme was to equip women with essential tailoring and crafting skills, fostering self-reliance and creating new employment opportunities. Through this program, participants not only gain technical proficiency but also enhance their confidence and self-esteem. The training empowers women to supplement their family incomes, thereby improving their economic stability.

b) KVK Poonch organized Chaupal pe charcha with DD Kisan (06.06.2024):

DD Kisan organized Chaupal pe Charcha at village Mangnar in association with KVK poonch. The farmers of the said village shared that KVK has played a pivotal role in ensuring and propagating climatic resilient technologies, availability of quality seed of cereals and vegetables etc. besides demonstrating ways of being self-dependant through adoption of various enterprises like beekeeping, mushroom production etc. Farm machinery provided under NICRA

by KVK Poonch has helped in reducing drudgery to a great extent and timeliness of agricultural operations.

c) Farmers attended Live telecast on "PM Kisan Samman Nidhi" at KVK Poonch (18.06.2024):

KVK poonch conducted live telecast on "PM Kisan Samman Nidhi Yojana (PM-KISAN Scheme at KVK Poonch in which large numbers of farmers participated to listen to the live address of Prime Minister, Shri Narendra Modi. The event was held at Varanasi in which the Prime Minister released more than Rs. 20000 crores under the said yojana through DBT supporting more than 9.26 crore beneficiaries across the country. The Prime Minister also distributed certificates to more than 30,000 SHGs trained as Krishi Sakhis to work as para extension workers.

d) KVK Poonch conducted two training programme on Natural Farming

(11 -12 July, 2024 & 13-14 July, 2024)

KVK Poonch under the project "Out scaling of Natural Farming through KVKs" conducted two days training programme w.e.f. 11 -12 July, 2024 & 13-14 July, 2024, respectively, to motivate farmers to adopt chemical free farming and to boost the spread and scope of natural farming. The training programme was conducted as per the guidelines of the project and under the able guidance of Hon'ble Vice Chancellor, Dr. B. N. Tripathi, and Director Extension, Dr. Amrish Vaid of SKUAST-Jammu.

During these training programmes, CS & Head KVK Poonch, Dr. Ajay Gupta said that it is important to understand the ideology behind the Natural Farming, only then we can be able to reverse the ill effects of chemical fertilizers and restore the soil fertility. Dr. Mushtaq Guroo Nodal Officer NF said that Natural Farming is a cost effective and regenerative agricultural practice and this type of farming is required for biodiversity conservation and can be easily and wisely integrated with modern technology for the benefit of farming community. KVK Ponch also organized awareness programmes on natural farming at Sultan pathri Loran to spread awareness on natural farming and its components viz. Jeevamrit, Beejamrit and biological pest management

	
2 days training programm on natural farming Safeda Khanetar 11 to 12.07.2024	2 days training programm on natural farming Safeda Khanetar 11 to 12.07.2024

e) Certificate course on INM for Input dealers concludes at KVK Poonch

(29-08-24 to 14-09-2024)

KVK, Poonch, conducted 15 days certificate course on Integrated Nutritional Management (INM) for input dealers . The programme is being conducted under the auspices of Prof. B N Tripathi, Hon'ble Vice Chancellor SKUAST-Jammu and guidance of Director Extension, SKUAST-J. Speaking virtually during the valedictory function, Dr. Amrish Vaid, Director Extension SKUAST-Jammu, congratulated the participants on completing the certificate program. He highlighted that dealers/retailers are the major change agents in encouraging farmers to utilize fertilizers in a balanced way. He also appreciated the efforts of KVK Poonch in conducting such training programmes that simplify the pursuit of agricultural sustainability. CS & H, KVK Poonch, Dr. Ajay Gupta informed that 32 lectures and practical's on different aspects of fertilizers were delivered by various experts of KVK and SKUAST-Jammu. A total of 20 candidates from different areas of Poonch district availed the training on INM.

Certificate course on INM for Input dealers at KVK Poonch

f) 5 days vocational training on Value addition under Viksit Bharat Initiative

(03.10.2024 to 07.10.2024).

Krishi Vigyan Kendra (KVK), Poonch of Shere-e-Kashmir university of Agricultural Sciences & Technology-Jammu under the patronage of Directorate of Extension Education, SKUAST-Jammu organized 05 days vocational training on Value Added Products of Fruits and Vegetables. The main aim of this programme was to equip individuals with practical skills to enhance the quality and marketability of raw materials, transforming them into higher-value products.The programme was attended by 59 unemployed rural girls of different villages of the district. During the training programme, the youth were imparted training on jam, jelly and pickle making. Dr. Muzzafar Mir informed that food processing has immense potential in the country and in the district as post-harvest losses are very high in fruits and vegetables.

5 days vocational training on Value addition under Viksit Bharat initiative

g) 5 days skill development training on Beekeeping under Viksit Bharat Initiative

(08.10.2024 to 12.10.2024)

KVK Poonch working under the patronage of Directorate of Extension, SKUAST-Jammu organized skill development training on beekeeping under Viksit Bharat Initiative. The primary goal of this training program was to equip rural youth with essential skills in agriculture-related enterprises, fostering self-reliance and promoting income generation. During the programme Dr. Ajay Gupta, Chief Scientist and Head, encouraged the farmers to take advantage of various government schemes related to agriculture to launch agriculture-related enterprises for self-employment. Dr. Mustaq Guroo, training co-ordinator of the programme urged the farming women to adopt scientific beekeeping techniques.Various lectures and practical demonstrations related to beekeeping were conducted by KVK officials during the training programme. A total of 43 farm women attended 05 days training programme.

5 days skill development training on Beekeeping under Viksit Bharat Initiative

h) Exposure visit of farmers to National Agriculture Summit at SKUAST-Jammu

(19-21 November, 2024)

The National Agriculture Summit was held at Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) from November 20th, 2024, to November 23rd, 2024, at Chatha. KVK Poonch mobilized 45 farmers of district Poonch mostly consisting of women farmers for the participation in the event. Dr. Ajay Gupta, Chief Scientist & Head, KVK Poonch, greeted the farmers on arrival and congratulated them for the participation in this Summit. Speaking to the farmers, he stated that taking part in these kind of events gives farmers a chance to learn more about a variety of contemporary farming technologies. The farmers visited different stalls representing several university departments, agricultural sectors, and other constituent units. The farmers were accompanied by Dr. Muzafar Mir and Dr. S. S. Jamwal to a number of university facilities, including the Integrated Farming System (IFS), mushroom production unit, seed processing unit, apiary, etc., where they engaged with

the scientific staff and freely exchanged experiences. The visiting farmers thanked the Krishi Vigyan Kendra Poonch in mobilizing the farming community of district for participation in this event.

Exposure visit of farmers to National Agriculture Summit at SKUAST-Jammu

i) KVK Poonch celebrated Republic day at its office campus

(26.01.2025)

KVK Poonch commemorated the 76th Republic Day on its office premises, during which tricolor was unfurled by Ch. Scientist & Head, Dr. Ajay Gupta, in front of a sizable public assembly that included men, women, and school-age children. Speaking on the occasion, Dr. Ajay Gupta stated that our nation's liberation from colonial forces signified the beginning of our nation as a free republic. The Indian people finally owned their country, signifying not only their independence from British domination but also the limitless opportunities and aspirations that our vibrant country might pursue. He emphasized the ways in which the Indian Republic has advanced since gaining its independence, particularly in the area of agriculture. He stressed upon the students for being responsible learners who should uphold the principles of the Indian constitution and work to advance this country's development in every way they can.

Glimpses of republic day celebration at KVK Poonch

j) 03 days training programme on Nutri-mix formula for lactating & pregnant women

(4.02.2025 to 6.02.2025)

Krishi Vigyan Kendra, Poonch (SKUAST-J)) in collaboration with JKNRLM Poonch conducted a three-days training program on the "Preparation of Nutri Mix Formula for Lactating and Pregnant Women organized w.e.f. 4-6/02/2025 at its office campus. The training programme was organized as per the guidelines of JKNRLM and as per the instructions of Directorate of Extension, SKUAST-Jammu.The training programme was designed to aware and train pregnant and lactating women about the preparation of various nutri-mix formulations so as to ensure that both mothers and children receive essential nutrients for optimal growth and development. Speaking during the training programme, Dr. Muzafar Mir emphasized on the role of locally available foods in improving nutritional intake and encouraged participants to adopt healthy dietary habits. Mudasir Ahad, District Programme Cordinator, JKNRLM (Poonch) provided a detailed account of the types of foods that expecting and nursing mothers should consume to maintain optimal health and prevent nutritional deficiencies. During the three days training prgramme expert lectures by Dr. Mushtaq Guroo, Dr. Ramandeep Kour, Gurmeet Kour and Benazir Batti were delivered on the different aspects such as food safety, hygiene, proper meal planning and nutritional imbalances and practically demonstrated the preparation of chickpea bars, ragi and seed mix formulations. The trainees thanked the KVK officials and JKNRLM Poonch in mobilizing them for participation in such a vital training programme and hoped that such programmes may be conducted in future as well for the better health of women folk.

Glimpses of training programme on Nutri-mix formula for lactating & pregnant women

k) Farmers attended Live telecast on "Kisan Samman Samaroh" at KVK Poonch

(24.02.2024)

Krishi Vigyan Kendra, Poonch in coordination with Department of Agriculture, Poonch organized live telecast on "**PM Kisan Samman Samaroh**" programme (under PM-KISAN flagship Scheme) during the release of the 19th installment under PM-KISAN by Prime Minister, Shri Narendra Modi. The main event was inaugurated by Hon'ble Prime Minister at Bhagalpur, Bihar which was jointly planned by Ministry of Agriculture and Farmers welfare, Government of India and Department of Agriculture, Government of Bihar. To make the event impactful, parallel events on **Kisan Samman Samaroh** were conducted at state, district, block, and gram panchayat levels across all states and Union Territories, including KVKs nationwide. During the event Prime Minister released more than Rs. 22,000 crores under the said yojana through DBT supporting more than 9.7 crore farmers across the country. On the occasion, Chairperson, District Development Council, Poonch Madam Tazeem Akhter was the chief guest who inaugurated the exhibition stalls at KVK Poonch prior to the live telecast of Hon'ble Prime Minister. During the programme exhibitions showcasing modern agricultural technologies with focus on Natural Farming, Organic Farming, and Gl-tagged products etc. were displayed. More than 300 farmers including men and women across the length and breadth od district Poonch turned up at KVK Premises for listening to the live address of Hon'ble Prime Minister. At the end of PM's address, Chief Scientist & Head Dr. Ajay Gupta, thanked the farmers for turning up at KVK office and assured them that KVK officials are always ready to help the farming community.


Glimpses of Kisan Samman Samaroh at KVK Poonch

l) 05 days training programme on Natural Farming for Krishi Sakhis organized at KVK Poonch.

(20.03.2025 to 25.03.2025)

As a part of the project National Mission on Natural Farming (NMNF), KVK Poonch conducted five days training programme on Natural Farming for Krishi Sakhis at KVK campus. Chief Scientist & Head KVK Poonch, Dr. Ajay Gupta congratulated Krishi sakhis of district Poonch for attending and completing 05 days Natural Farming training programme. Natural Farming is a dream project of GOI initiated during 2024-25 with aim of rejuvenating the soil health, ecological and agricultural sustainability, he elaborated. He emphasized on Krishi sakhis to inspire the fellow contemporaries in their villages and vicinities regarding the Natural Farming. During the 05 days training programme lectures on different aspects of Natural farming such as components and principles of Natural Farming, disease and pest management, orchard management and role of krishi sakhis in fostering Natural Farming etc. were delivered by resource persons of KVK and agriculture department. Hands on training on preparation of jeevamrit, beejamrit, gunjeevamrit and derekastra was also imparted to trainees during 05 days period. A total of 12 krishi sakhis from six clusters were trained during the five days duration w.e.f 20-25 March, 2025. At the end of the training programme, Training Module and Certificates were distributed among the participants

Krishi Sakhis attended 05 days training on Natural Farming

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

Project 1: FPO Cell SKUAST-J for Formation and Promotion of FPOs as CBBO vide AUJ/DE/21-22/F-314/210-234 dated 14.06.2021

Programmes conducted during the year.

15.07.2024	Orientation of Sathra FPO	Sathra	14
15.07.2024	Visit to Chandak FPO	Chandak	14

Project 2: Production and popularization of quality planting material of improved cultivars of Pecan nut to enhance the nut crop status in Pir-Panjal range of Jammu division

Project 3: Network Project on National Innovations in Climate Resilient Agriculture

Name of the activity	Details about the activity	Number of programs	Date	No. of beneficiaries
Field Day	Field Day on Wheat	01	29.04.2024	18
Field Day	Field Day on Oats	01	03.05.2024	17
Chaupal pe Charcha	Organized Chaupal pe Charcha with DD Kisan	01	06.06.2024	50
Meeting	Pre meeting for constitution of VCRMC	01	19.07.2024	30
Meeting	Constitution of VCRMC	01	09.08.2024	20
Awareness	Awareness -cum-distribution programme onhorticulture tools	01	10.08.2024	21
Awareness	Awareness programme Climate resilient technologies for sustainable seed production in wheat	01	16.11.2024	25
Awareness	Awareness programme on sensitizing farmers regarding the sowing of resilient field crop varieties	01	29.11.2024	31
Meeting	Monthly meet	01	04.12.2024	21
Awareness	Awareness programme on INM in climate Resilient agriculture in Rabi cereal crops	01	04.12.2024	21
Meeting	monthly	01	10.12.2024	8
Awareness	In-situ moisture conservation	1	20.12.2024	21

Project 4: Network Project on Out scaling of Natural Farming through Krishi Vigyan Kendras/ NMNF

S. No.	Date	Title	Duration	Venue	Beneficiaries
1	26.06.2024	Awareness programme on Natural farming	01	KVK	40
2	26.06.2024	Awareness programme on Natural farming	01	Kalsan	39
3	10.07.2024	Awareness programme on Natural farming	01	Bela chouhana	35

4	16.07.2024	Awareness programme on Natural farming	**01**	Sultan Pathri	**37**
5	19.07.2024	Awareness programme on Natural farming	**01**	Darra	32

Project 5: Innovative Extension Approaches for Revitalizing Agriculture in J&K.

Project 6: Production of Elite planting material of temperate fruit crops of Improved varieties

Project 7: Establishment of Ultra High Density Apple Model Orchard

Project 8: Promotion of Niche crops in UT of Jammu & Kashmir

Project 9: Production of Designer plants for high degree plantation and rejuvenation of orchards.

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