

ICAR-ATARI – Zone-I, Ludhiana
PROFORMA FOR ACTION PLAN OF KVKs IN ZONE I FOR 2023

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	:	Krishi Vigyan Kendra, Jammu, SKUAST-J, R.S.Pura Jammu 181 102, 01923-252929, kvkjammu@gmail.com
1.2	Name and address of host organization	:	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Main Campus, Chatha, Jammu
1.3	Year of sanction	:	1992
1.4	Website address of KVK and date of last update	:	Website- www.kvkjammu.nic.in

2. Details of staff as on date

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Existing Pay band	Grade Pay	Date of joining	Permanent / Temporary
2.1	Programme Coordinator	Vacant					
2.2	Chief Scientist & Incharge	Dr. Punit Choudhary	Forestry	144200-218200	10000	28.05-2004	Permanent
2.3	Chief Scientist	Dr Ravneet Kour	Horticulture	144200-218200	10000	18.10.2004	Permanent
2.4	Subject Matter Specialist	Dr Sheetal Badyal	Home Science	131400-217100	9000	March 2016	Permanent
2.5	Subject Matter Specialist	Dr Prem Kumar	Fisheries	79800-211500	8000	13 May 2010	Permanent
2.6	Subject Matter Specialist	Dr. Muneeshwar Sharma	Plant Pathology	68900-205500	7000	June 2021	Permanent
2.7	Subject Matter Specialist	Dr Amitesh Sharma	Plant Breeding	57700-182400	6000	June, 2020	Permanent
2.8	Computer Programmer	Sh. Ashish Katoch	M. Tech	52700-166700	5400	Dec. 2003	Permanent
2.9	Farm Manager	Sh. Raju Gupta	MSc. Agronomy	57700-182400	6000	Aug.2008	Permanent
2.10	Program Assistant	Poonam Abrol	H. Science	57700-182400	6000	June 2012	Permanent
2.11	Accountant/Superintendent	vacant	-	-	-	-	-
2.12	Stenographer	Sh. Sahil	Graduation	35400-112400	4200	Jan 2022	Permanent
2.13	Driver 1	Sh. Manohar Lal	Matric	35400-112400	4200	Sept. 2015	Permanent
2.14	Driver 2	Sh Vijay Kumar	Matric	25500-81100	2400	March 2019	Permanent
2.15	Supporting staff 1	Sh. Satnam Singh	Under Matric	19900-63200	1900	April 2005	Permanent
2.16	Supporting staff 2	Vacant	-	-	-	-	-

3. Details of SAC meeting conducted during 2022

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2023-24
3.1	23 rd August 2022	<p>Suggestions/recommendations given by members</p> <p>Chief Agriculture Officer Jammu</p> <ul style="list-style-type: none"> Inclusion of training programmes on hydroponics in the annual action plan 	Incorporated in the Action Plan 2023	Aug, 2023

	<p>(Action by: Division of plant Physiology, SKUAST-J and KVK Jammu)</p> <ul style="list-style-type: none"> Remedial measures to prevent damage of structures of protected cultivation facilities at various locations in Jammu. <p>(Action by: Division of Vegetable Science and Floriculture, Division of Agricultural Engineering, SKUAST-J and KVK Jammu)</p> <p>Chief Animal Husbandry Department Jammu</p> <ul style="list-style-type: none"> More no of awareness Camp for farmers on prevailing Lumpy disease in various panchayats in collaboration with Animal Husbandry Department. <p>(Action by: Dean, F.V.Sc & A.H., SKUAST-Jammu, Dept. of Animal Husbandry, Jammu and KVK Jammu)</p> <p>Divisional Forest Officer, Social Forestry, Jammu</p> <ul style="list-style-type: none"> Inclusion of training on clonal propagation of tree species and nursery stocks for field staff. <p>(Action by: Division of Agro-forestry, SKUAST-J, ACHR, Udheywala, SKUAST-J, Social Forestry department, Jammu, and KVK Jammu)</p> <p>CDPO, Jammu</p> <ul style="list-style-type: none"> Awareness camp on Poshan Vatikas to villages and aganwani centers with help of CDPO, RS Pura. Awareness on rice based weaning diets with nutritional value in RS Pura block as it is rice growing area in collaboration with CDPO office. <p>(Action by: Div. of Food Science & Technology, SKUAST-J, CDPO and KVK Jammu)</p> <p>Sheep Husbandry Officer, Jammu</p> <ul style="list-style-type: none"> In service training program on intensive sheep husbandry units and scientific practices. <p>(Action by: Dean, F.V.Sc. & A.H, SKUAST-J, SAMETI, SKUAST-J, Sheep husbandry Dept. and KVK Jammu)</p> <p>Department of Sericulture</p> <ul style="list-style-type: none"> Since there is 100% loss during spin stage at many farmers unit therefore training programme for farmers supported by sericulture dept. may be organized at Jajhar Kotli. <p>(Action by: Div. of Sericulture, Sericulture Dept. and KVK Jammu)</p> <p>Horticultural Planning & Marketing Officer, Jammu</p>	<p>Already completed</p> <p>Scheduled in Action plan 2023</p> <p>Already completed</p> <p>Proposed in 2023</p> <p>Proposed in 2023</p> <p>Already conducted</p>	
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	<ul style="list-style-type: none"> • Training on e-NAM for officers • Training focused on grading and marketing of agricultural and horticultural produce. <p>(Action by: Division of Food Science and Technology, Division of Ag. Economics and Agri business, SKUAST-J, Dept. of Agriculture, Jammu and KVK Jammu)</p> <p>NABARD Jammu</p> <ul style="list-style-type: none"> • Sensitization workshop of various stakeholder on FPOs <p>(Action by: NABARD and KVK Jammu)</p> <p>Kisan Board Members/Board Members/Progressive farmers</p> <ul style="list-style-type: none"> • S. Tejinder Singh Wazir demanded for availability of quality strawberry panting material at ACHR for the farmers. He suggested Animal Husbandry Dept. to develop vaccination calendar by village and block wise for lumpy disease. <p>(Action by: ACHR, Udeywala, SKUAST-J and Dept. of Animal husbandry, Jammu)</p> <ul style="list-style-type: none"> • Sh. Kulbushan Khajuria demanded for training with complete practical aspects on handling and management of mulching animals for farmers. <p>(Action by: Dean, F.V.Sc. & A.H, SKUAST-J, and KVK Jammu)</p> <ul style="list-style-type: none"> • Smt. Neelam Kumari sought the help in marketing of their products. <p>(Action by: KVK Jammu)</p> <p>Mrs Ruchita Rane, Policy Advocacy Research Center, Mumbai</p> <ul style="list-style-type: none"> • She suggested developing different entrepreneurship development programmes and their implementation through implementing task force. • She requested to focuses on promotion of millets crops with special precautions of nutritional content of varieties with production potential. <p>(Action by: SKUAST-J, Div. of Plant Breeding & Genetics and KVK Jammu)</p> <p>Suggestions/recommendations by Dean, F.V.Sc &A.H. SKUAST-Jammu</p> <ul style="list-style-type: none"> • Suggested for timely action for early detection, early treatment of disease with available 	<p>Already conducted during HADP in Feb, 2023</p> <p>Proposed in 2023</p> <p>Under Progress</p>	
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	<p>vaccination and medicines to avoid mortality from Lumpy disease.</p> <p>(Action by: Dept. of Animal Husbandry Jammu and F.V.Sc. & A.H, SKUAST-J)</p> <p>Suggestions/recommendations by Director Extension, SKUAST-Jammu</p> <ul style="list-style-type: none"> Presented Extension strategies and roadmap for Agriculture development in Jammu region and ready to accept suggestions for improvement. <p>Directions/Recommendations by Prof. J.P. Sharma, Hon'ble Vice Chancellor,</p> <ul style="list-style-type: none"> SKUAST-J and Chairman, Scientific Advisory Committee Directed KVK Jammu to organized more programme on lumpy disease <p>(KVK Jammu)</p> <ul style="list-style-type: none"> Conductance of training programmes on diversification and include the millets crop to increase nutritional value of farmers food. <p>(Action by: Division of Plant breeding, SKUAST-Jammu and KVK Jammu)</p> <ul style="list-style-type: none"> Conduct of training programmes on Natural farming and establish a small demonstration block at KVK Technology Park to display. <p>(Action by: Organic Research Center, SKUAST-J and KVK Jammu)</p> <ul style="list-style-type: none"> Aware about the FPOs and motivate the farmers to join/establish it. <p>(Action by: KVK Jammu)</p> <ul style="list-style-type: none"> Advised the farmers to bring their product for sale at Chatha campus of the University where 2 shops are allocated with one staff only for this purpose. <p>(Action by: Farmers, SHGs, JLG, FPOs)</p> <ul style="list-style-type: none"> Study on Economic viability of hydroponics for growing fodder for feeding animals. <p>(Action by: Division of Plant physiology and Div. of AEABM, SKUAST-J)</p>	Under Consideration	
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	<ul style="list-style-type: none"> Focused for popularization/dissemination of govt. schemes among the beneficiaries. <p>(Action by: Directorate of Extension, SKUAST-J)</p> <ul style="list-style-type: none"> KVK Jammu and allied departments should work in coordination for the benefit of farmers. <p>(Action by: Directorate of Extension, SKUAST-J, KVK Jammu and All Departments)</p> <ul style="list-style-type: none"> Include the lecture on Govt. Schemes in each programme to aware the farmers about different schemes. <p>(Action by: All line departments, KVK Jammu)</p>		
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4. Capacity Building of KVK Staff

4.1. Plan of Human Resource Development of KVK personnel

S. No	New Areas of Training	Institution proposed to attend	Justification
4.1.1	Protected cultivation	CSK Himachal Pradesh Agriculture University Palampur	Area under protected cultivation in Jammu is meagre
4.1.2	Biofloc and RAS	CIFE Mumbai, CIFA Bhuvneshwar	Pioneer Institutes with expertise
4.1.3	Natural Farming	Dr Y S P UH&F Solan	Institutes with expertise

4.2. Cross-learning across KVKs

S. No	Name of the KVK proposed	Specific learning areas
4.2.1	Within ring – KVK Samba, KVK Kathua	Interaction, Recourse personss
4.2.2	Within the zone-KVK Karnal	Demonstration units
4.2.3	Outside zone – KVK Baramati	Demonstration units/Business units

5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise/ resources and activities

S.No.	Name of the KVKs included in the cluster	What do you intend to share with Cluster KVKs	What do you expect from Cluster KVKs
5.1	KVK Samba	Resource persons	Resource persons
5.2	KVK Kathua	Resource persons	Resource persons
5.3	KVK Rajouri	Resource persons	Resource persons

6. Operational areas details proposed

S.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
6.1	Maize	Lack of improved varieties and IPM	4000	Dhok Jagir, kainkh Jagir, Bargal Khurd, Bargal kalan, Kanral sangral, Tanda, Nud, Jadh Bhagta, Assurwan, Kattal battal, Kana chargal, Garkhal, Pargwal, Ghrota, Mathwar,	FLD, CFLD, Training

6.2	Paddy	Lack of improved varieties and IPM	6000	Suchetgarh, Fathuchak, Arnia, Treva, R.S Pura, Kaloen, Badyal brahmana, Marh	FLD, Training
6.3	Wheat	Lack of improved varieties and IPM	4000	Suchetgarh, Fathuchak, Arnia, Treva, R.S Pura, Kaloen, Jindermelu, Deoli, Bhatyari Badyal brahmana, Marh,	FLD, Training
6.4	Oilseeds	Lack of awareness, improved varieties and IPM	600	Dhok Jagir, kainkh Jagir, Bargal Khurd, Bargal kalan , Kanral sangral, Tanda, Nud, Jadh Bhagta, Assurwan, Kattal battal, Kana chargal, Garkhal, Pargwal , Ghrota, Mathwar, Arnia, Treva, Badyal,	FLD, CFLD, Training
6.5	Pulses	Lack of awareness, improved varieties and IPM	800	Dhok Jagir, kainkh Jagir, Bargal Khurd, Bargal kalan , Kanral sangral, Tanda, Nud, Jadh Bhagta, Assurwan, Kattal battal, Kana chargal, Garkhal, Pargwal , Ghrota, Mathwar, Badyal, Marh, Jindermelu	FLD, CFLD, Training
6.6	Mushroom	Lack of awareness and IPM	800	Balachak, Premachak, Flora, Motey, Sandhey, Bhatyari, Deoli, Dhok Jagir, Treva, Kainik Jagir,	FLD, Training
6.7	Stitching and tailoring	Lack of training and resource persons	-	Balachak, Premachak, Flora, Motey, Sandhey, Bhatyari, Deoli, Dhok Jagir Kattal batal, Koleain	FLD, Training
6.8	Processing and value addition	Lack of awareness, training and resource persons	900	Balachak, Premachak, Flora, Motey, Sandhey, Bhatyari, Deoli, Dhok Jagir Kattal batal	FLD, OFT, Training
6.9	Fisheries and animal husbandry	Lack of awareness, training, fish seed availability, feed availability	3	Dhok jagir, Paragwal, R S Pura, Bisnah, Dabbar, Marh, Meeran Saheb	FLD, OFT, Training

* Support with problem-cause and interventions diagram

7. Technology Assessment during 2023

S. No.	Crop/enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied	Team members
7.1	Onion	Lack of improved variety seed	Evaluation of varieties	Different varieties	IARI New Delhi	seed	100 g	700	5	3500	Growth and yield parameter	Dr. Ravneet Kour, Dr. Muneeshwar Sharma, Dr. Puneet Choudhary, Dr. Sheetal Badyal, Dr. Prem Kumar, Dr. Amitesh Sharma
		Low Productivity due to Purple Blotch	Management of purple blotch in onion	Seed Treatment of Trichoderma Viride @ 2 gm/Kg of seed + Three sprays of Trichoderma Viride @ 2 gm/lit Seed Treatment of Trichoderma Viride @ 2 gm/Kg of seed + Three sprays of Novel Prime (Organic Fungicide) @ 1.5%	SKUAST-J Navsari Agricultural University	Biocontrol agent (<i>Trichoderma viride</i>) and organic fungicide (Novel Prime)	Bicontrol Agent-40 gm Organic Fungicide-25 ml	600	5	3000	Per cent Disease incidence	Dr. Muneeshwar Sharma, Dr. Ravneet Kour, Dr. Puneet Choudhary, Dr. Sheetal Badyal, Dr. Prem Kumar, Dr. Amitesh Sharma
7.2	Maize	Low Production due to Turcicum Leaf Blight	Management of Turcicum Leaf Blight in Maize	Seed Treatment with Trichoderma viride @ 2 gm/Kg Seed + Three sprays of Mancozeb @ 2.5 gm/lit	SKUAST-J	Trichoderma, Mancozeb, Propiconazole	10 gm 120gm 45 gm	1000	5	5000	Per cent Disease incidence	Dr. Muneeshwar Sharma, Dr. Puneet Choudhary, Dr. Ravneet Kour, Dr. Sheetal Badyal, Dr. Prem Kumar, Dr. Amitesh Sharma

				Seed Treatment with Trichoderma viride@ 2gm/Kg Seed + Three sprays of Propiconazole @ 1 ml/lt								
7.3	Basmati Rice	Lack of Improved Variety of seed	Evaluation of varieties	Improved Varieties	SKUAST-Jammu and IARI New Delhi	Seed	2 kg	500	4	2000	Growth and yield parameter	Dr. Amitesh , Dr. Puneet And Dr. MuneeshwarDr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar
7.4	Wheat	Lack of improved variety	Evaluation of varieties	Improved varieties	SKUAST-Jammu & PAU, Ludhiana	Seed	5 kg	400	4	1600	Growth and yield parameter	Dr. Amitesh , Dr. Puneet And Dr. Muneeshwar, Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar
7.5	Weaning foods	low immunity and nutritional deficiency in children.	Evaluation of Rice based weaning foods for children, for nutritional ,sensory and economic characteristics	Weaning foods with different combinations of black rice, walnut powder, apple powder etc	SKUAST-J	Brown Rice Powder Apple Pulp Powder Moong Bean powder	250gms	500	4	2000	nutritional ,sensory and economic parameters	Dr. Sheetal Badyal, Dr. Amitesh , Dr. Puneet, Dr. Muneeshwar and Dr. Prem
7.6	Fish farming	Low production	Amplify fish feed conversion ratio through liver enhancer	experimental feed will be enriched with liver enhancer@ 2 gram per kg of feed	GBPUA&T	Liver enhancer	500 gm	1500	5	7500	Production & survival	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Muneeshwar, Dr Amitesh
	Fish farming	High Mortality problem due	Use of O ₂ Tablets (Long acting Oxygen releasing	Use of O ₂ Tablets (Long acting Oxygen releasing	GBPUA&T	O ₂ Tablets/powder	500gm	800	5	4000	Check loss of production and Survival	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal,

		to oxygen deficiency	Tablets) to escape fish mortality	Tablets) @ 1kg/ha											Dr Muneeshwar, Dr Amitesh
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8. Technology Refinement during 2023

S. No.	Crop/enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied	Team members
8.1	Carrot	Lack of improved variety seed	Evaluation of varieties	Different varieties	PAU Ludhiana Punjab	seed	100 g	500	5	2500	Growth and yield parameter	Dr Ravneet Kour, Dr Muneeshwar Sharma
				2								
				3								
				4								
8.2				1								
				2								
				3								
8.3				1								
				2								
				3								

9. Frontline Demonstrations during 2023

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.1	Cereals													
		Basmati Rice	Low yield	Improved variety	Variety	Variety	SKUAST-Jammu	Seed	8 kg	400	100	40000	Yield	Dr. Amitesh Dr Punit Choudhary Dr Ravneet kour, , Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar
		Basmati Rice	Lodging and less productivity	Quality Basmati 370 seed with incorporation of Vermicompost @ 5 tonnes per ha.	Basmati 370	Basmati 370	SKUAST-J	Seed + Vermicompost						Dr. Amitesh Dr Punit Choudhary Dr Ravneet kour, , Dr Sheetal Badyal, Dr

														Prem, Dr Muneeshwar
		Wheat	Zinc deficiency in wheat varieties	Fortified Variety (PB 1-Zn)	PB 1-Zn	PB 1-Zn	SKUAST-J	Fortified Seed						Dr. Amitesh Dr Punit Choudhary Dr Ravneet kour, , Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar
		Wheat	Low yield and low nutrition	Improved variety	Variety	Variety and PBW-1-Zn	SKUAST-Jammu & Punjab Agriculture University	Seed	20 kg	160	100	16000	Yield	Dr Amitesh Dr Punit Choudhary Dr Ravneet kour, , Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar
		Maize	Low Productivity due to attack by Fall Army Worm	IPM	Hybrid	DD	PAU	Emamectin benzoate	25 gm	Rs. 200 + Labo	20	4000	No. of larvae per plant or No. of dead hearts per plant	Dr. Muneeshwar Sharma Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Amitesh Sharma
9.2	Millets													
		Bajra	Lack of Awareness	HYV						1000	20	20000	Yield	Dr Punit Choudhary Dr Sheetal Badyal Dr Amitesh Sharma
9.3	Oilseeds	Mustard	Seed availability of improved varieties	Seed and plant protection	variety	Variety	SKUAST-J	Seed	1 Kg	400	100	40000	Yield	Dr Ravneet kour, Dr Punit Choudhary, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh

		Gobisarson	Seed availability of improved varieties	Seed and plant protection	variety	variety	SKUAST -J	Seed	1 kg	400	100	40000	Yield	Dr Ravneet kour, Dr Punit Choudhary, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh
9.4	Pulses	Black gram	Seed availability of improved varieties	Seed and plant protection	variety	Variety	IARI New Delhi	Seed	4 kg	1000	100	250000	Yield	Dr Ravneet kour, Dr Punit Choudhary, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh
		Chickpea	Seed availability of improved varieties	Seed and plant protection	variety	variety	PAU Ludhiana	Seed	10 kg	1500	100			Yield

9.5	Commercial crops													
9.6	Horticultural crops													
		Cauliflower	Seed availability of improved varieties	Seed	variety	Variety	IARI New Delhi	Seed	25 g	40	300	12000	Yield	Dr Ravneet kour, Dr Punit Choudhary, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh
		Radish	Seed availability of improved varieties	Seed	variety	variety	IARI New Delhi	Seed	100 g	40	200	8000	Yield	Dr Ravneet kour, Dr Punit Choudhary, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh
9.7	Livestock													
		Backyard poultry birds	Lack of additional activity of income	Backyard Poultry for enhanced income & opportunity	Chabro / kadaknath	Chabro / kadaknath	SKUAST-J	Chicks	20	1000	30	30000	Production & Additional income	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Muneeshwar, Dr Amitesh
9.8	Fisheries													
		Fisheries	Unavailability of Seed	Quality Fish seed to 20 farmers			CIFRI	Fish seed	1000 nos.	1000	20	20000	Production	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Muneeshwar, Dr Amitesh

		Fisheries	Feed wastage and poor quality	Pelleted Fish Feed (10 farmers @ 50kg/each)			CIFA	Fish feed	50kg	2500	10	25000	Production	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Muneeshwar, Dr Amitesh
		Fisheries	Water quality problem	Lime (20 farmers @ 20kg/each)			CIFA	Lime	20kg	400	20	8000	Survival	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Muneeshwar, Dr Amitesh
9.9	Others	Marigold	Lack of improved variety	Seed	variety	Variety	IARI New Delhi	Seed	25 g	40	300	12000	Yield	Dr Ravneet kour, Dr Punit Choudhary, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh
		Cob sheller	Drudgery	Cob sheller			SKUAST-J			100	1000	10000	Labor saving, cost saving, drudgery reduction	Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh, Dr. Ravneet
		Rural craft	Low income	Decorative cushion making						50	200	10000	Income generation	Dr. Sheetal
9.10	Fodder	Berseem	Lack of improved variety	Seed	Variety		PAU	Seed	3 kg	20	2000	40000	Yield	Dr Punit Dr Prem Dr Amitesh
		Oats	Lack of improved variety	Seed	Variety		SKUAST J/K	Seed	20	40	500	20000		

10 Training for Farmers/ Farm Women during 2023

S.No.	Thematic area	Crop / Enterprise	Major problem	Linked field intervention (Assessment/Refinement/FLD)*	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
10.1	Crop Production							
		Paddy	Low Yield Lack of knowledge about nutritional dosages	OFT, FLD, Trg	Integrated Crop management in Rice	1	20	Dr Punit Choudhary Dr. Amitesh Sharma, Dr Muneeshwar Sharma
		Maize			Maize production technology	1	20	Dr Punit Choudhary Dr. Amitesh Sharma, Dr Muneeshwar Sharma
		OilSeeds	Lack of HYV	CFLD	Production Technology of oil seeds	4	20	Dr. Ravneet kour, Dr Punit Choudhary Dr. Amitesh Sharma, Dr Muneeshwar Sharma
		Wheat	Low Yield Lack of knowledge about nutritional dosages, HYV	OFT, FLD, Trg	Wheat Production Technology	1	20	Dr Punit Choudhary Dr. Amitesh Sharma, Dr Muneeshwar Sharma
		Pulses	HYV, Weed Control	CFLD, Trg	Production Technology for pulses	4	20	Dr. Ravneet kour, Dr Punit Choudhary Dr. Amitesh Sharma, Dr Muneeshwar Sharma
10.2	Horticulture Production							
		Vegetables	Poor management	OFT/FLD/Trg	Nursery management in vegetable crops	2	20	Dr. Ravneet Kour, Dr Punit Choudhary
		Marigold	Lack of HYV	OFT/FLD/Trg	Scientific cultivation of marigold	2	20	Dr. Ravneet Kour, Dr Punit Choudhary
		Fruit Plants	Poor management	OFT/FLD/Trg	Management of orchards	2	20	Dr. Ravneet Kour Dr Punit Choudhary
		Cauliflower and Broccoli	Lack of HYV	OFT/FLD/Trg	Scientific cultivation of cole crops	1	20	Dr. Ravneet Kour Dr Punit Choudhary Dr Sheetal

		Radish and Carrot	Lack of HYV	OFT/FLD/Trg	Scientific cultivation of root crops	1	20	Dr. Ravneet Kour Dr Punit Choudhary Dr Sheetal
10.3	Livestock Production							
		Milk Production & productivity	Low production due to endoparasites		Deworming in Farm Animals	1	20	Dr Prem Kumar Dr Punit Choudhary
		Milk Production & productivity	Poor feed management		Feed and Fodder management in Milch animals	1	20	Dr Prem Kumar Dr Punit Choudhary
10.4	Home Science							
			Lack of proper Knowledge, poor nutritional status		Kitchen Gardening for ensuring nutritional adequacy of families.	1	20	Dr. Sheetal Badyal Dr Ravneet Kour
			Lack of proper Knowledge		Empowering farm women through agro based entrepreneur activities	1	20	Dr. Sheetal Badyal Dr Ravneet Kour
			Lack of proper Knowledge poor nutritional status		Prevention of Malnutrition in women and adolescent girls through dietary modification	1	20	Dr. Sheetal Badyal Dr Ravneet Kour
10.5	Plant Protection							
	IPM/IDM	Cereals and Vegetables	Low production due to soil borne diseases	Assessment	Seed treatment for effective control of seed and soil borne diseases.	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Cereals and Millets	Post harvest Losses due to stored grain pests		Management of Stored Grain Pests	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Paddy	Low production due to Insect Pest and disea		Insect pest & disease management in Paddy nursery.	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Tomato	Low production		Insect pest and disease management in Tomato	1	20	Dr. Muneeshwar Sharma

			due to Insect Pest and diseases					Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Vegetables and Cereals	Use of higher doses of pesticide and increase in MRL		Judicious use of Pesticides in Agriculture	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Cereals and Vegetables	Low production due to soil borne diseases	Assessment	Seed treatment for effective control of seed and soil borne diseases.	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Cereals and Millets	Post harvest Losses due to stored grain pests		Management of Stored Grain Pests	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
	IPM/IDM	Wheat			Insect Pest and disease Management in Wheat Crop	1	20	Dr. Muneeshwar Sharma Dr. Ravneet Kour Dr Punit Choudhary
10.6	Production of Inputs at Site		Lack of proper Knowledge		Production of Vermicompost	1	20	Dr Raju Gupta
10.7	Soil Health and Fertility		Lack of proper Knowledge		Soil Sampling and soil health	1	20	Dr Amitesh Sharma
10.8	PHT and value addition		Lack of proper Knowledge		Value added products from seasonal fruits.	1	20	Dr. Sheetal Badyal
					Enhancing the nutritive value of cereals and pulses	1	20	Dr. Sheetal Badyal
					Processing of seasonal fruits and vegetables.	1	20	Dr. Sheetal Badyal
					Processing of white button mushrooms	1	20	Dr. Sheetal Badyal
10.9	Capacity Building Group Dynamics		Lack of proper Knowledge		Formation of FPO's	1	20	Dr Punit Choudhary
10.10	Farm Mechanization							

10.11	Fisheries Production Technologies							
	Fresh water fish culture	Fish Farming	Lack of proper fish seed stocking	FLD & OFT	Composite fish Culture	1	20	Dr. Prem Kumar
	Ornamental fisheries	Fish Farming	Awareness regarding ornamental fishes	DBT project	Culture of Ornamental fishes	1	20	Dr. Prem Kumar
	Fresh water fish culture	Fish Farming	Lack of knowledge of recent technologies	OFT	Recent technologies of fish Culture	1	20	Dr. Prem Kumar
	Fish Pond management	Fish Farming	Large mortality problem	FLD	Carp fry and fingerling rearing	1	20	Dr. Prem Kumar
	Fish Feed management	Fish Farming	Poor management of fish feed	OFT	Fish feed management of fry and fingerlings	1	20	Dr. Prem Kumar
	Fish Pond management	Fish Farming	Poor management	FLD	Integrated Fish farming	1	20	Dr. Prem Kumar
10.12	Mushroom production							
10.13	Agro forestry							
10.14	Bee Keeping							
10.15	Sericulture							
10.16	Agro forestry	Production						
			Lack of proper Knowledge and POP	FLD OFT Trg	Multipurpose trees and fodder grasses: scope and importance (Mulberry, Poplar, Bajra, Napier and Setaria)	1	20	Dr. Punit Choudhary Dr Ravneet Kour Dr Amitesh Sharma Dr Raju Gupta
		Nursery	Lack of proper Knowledge and POP	Trg	Nursery raising of prominent fodder grasses (Napier and Staria)	1	20	Dr. Punit Choudhary Dr Ravneet Kour Dr Amitesh Sharma Dr Raju Gupta
		Production	Lack of proper Knowledge and POP	TRG FLD	Cultivation of medicinal trees (Jamun, Harad and Aonla) for higher income	1	20	Dr. Punit Choudhary Dr Ravneet Kour Dr Amitesh Sharma Dr Raju Gupta

			Lack of proper Knowledge and POP	FLD Trg	Cultivation of medicinal and aromatic plants for higher income (Lemon grass Aloe vera, Khus grass)	1	20	Dr. Punit Choudhary Dr Ravneet Kour Dr Amitesh Sharma Dr Raju Gupta
			Lack of proper Knowledge and POP	Trg FLD	Scientific cultivation of rabi/Kharif fodder crops (Oats, barseem)	1	20	Dr. Punit Choudhary Dr Ravneet Kour Dr Amitesh Sharma Dr Raju Gupta

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

11. Training for Rural Youth during 2023

S.No.	Thematic area	Crop / Enterprise	Major problem	Linked field intervention (Assessment/Refinement/FLD)*	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
11.1	Crop Production							
11.2	Horticulture Production							
11.3	Livestock Production							
11.4	Home Science							
11.5	Plant Protection							
11.6	Production of Inputs at Site							
11.7	Soil Health and Fertility							
11.8	PHT and value addition							
11.9	Capacity Building Group Dynamics							
11.10	Farm Mechanization							

11.11	Fisheries Production Technologies	Fisheries	Lack of entrepreneurship	FLD	On Farm fish feed preparation	1	15	Dr Prem, Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Muneeshwar, Dr Amitesh
11.12	Mushroom production							
11.13	Agro forestry							
11.14	Bee Keeping							
11.15	Sericulture							
	Others, pl. specify							

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

12 Trainings for Extension Personnel during 2023

S.No.	Thematic area	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
12.1	Crop Production			20	
	Seed Production	Quality seed production of Basmati under Organic management	1	20	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
	Seed Production	Quality seed production of wheat under Organic management	1	20	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
12.2	Home Science				
	Nutrition Management	Mitigating malnutrition among vulnerable groups.	1	20	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
12.3	Capacity Building and Group Dynamics				
12.4	Horticulture				
	Integrated Pest Management (IPM)	Integrated disease and pest management in vegetable crops	Dr Ravneet Kour	Dr Ravneet Kour	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
12.5	Livestock Production & Management				
12.6	Plant Protection				
	Integrated Pest Management (IPM)	Safety parameters in insecticide usage	Dr Ravneet Kour	Dr Ravneet Kour	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
12.7	Farm Mechanization				

12.8	PHT and value addition				
	Value addition	Processing of cereals and pulses (for Anganwari workers and supervisors)	1	20	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
12.9	Production of Inputs at Site				
12.10	Sericulture				
12.11	Fisheries				
		Bio-floc system for fish Culture	1	20	Dr. Prem Kumar Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Muneeshwar Sharma Dr. Amitesh Sharma

13 Vocational trainings during 2023

Sl.No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Expected No. of participants	Sponsoring agency if any	Names of the team members involved
13.1	Crop Production						
	Integrated Nutrient Management (INM)	Quality Seed Production of Basmati	1 (5 days)	Farmers, Farm Women and Youth	20	ATARI	Dr. Amitesh Sharma
13.2	Home Science						
13.3	Capacity Building and Group Dynamics						
13.4	Horticulture						
	Nursery management	Nursery raising as an enterprise in vegetable crops	1 (3 days)	Farmers, Farm Women and Youth	20	ATARI	Dr. Ravneet Kour
13.5	Livestock Production & Management						
13.6	Plant Protection						

	Mushroom	Mushroom cultivation Techniques	1 (07 days)	Farmers, Farm Women and Youth	20	ATARI	Dr. Muneeshwar Sharma
13.7	Farm Mechanization						
13.8	PHT and value addition						
	Vegetables	Processing of seasonal fruits and vegetables for augmenting family income.	1 (03 days)	Women	20	ATARI	Dr. Sheetal Badyal
	Tailoring	Entrepreneurship development through skill training in rural crafts/ stitching and tailoring	1 (05 days)	Women	20	ATARI	Dr. Sheetal Badyal
13.9	Production of Inputs at Site						
13.10	Sericulture						
13.11	Fisheries						
	Entrepreneurship development	Aquarium making as an entrepreneurial activity	1 (05 days)	Women and Youth	15	ATARI	Dr. Prem Kumar
	Value Addition	Different value-added fish products	1 (05 days)	Women and Youth	15	ATARI	Dr. Prem Kumar

14 Sponsored trainings during 2023

Sl.No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Expected No. of participants	Sponsoring agency	Names of the team members involved
14.1	Crop Production						
14.2	Home Science	Tailoring and Stitching	1 (7)	Rural Youth	30	ICAR Extension Div	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
14.3	Capacity Building and Group Dynamics						
14.4	Horticulture	Nursery Raising and Off season vegetables	1 (3)	Farmers/Rural Youth	30		Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal

							Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
14.5	Livestock Production & Management	Back Yard Poultry	2 (3)	Farmers/Rural Youth	30		
14.6	Plant Protection						
14.7	Farm Mechanization						
14.8	PHT and value addition						
14.9	Production of Inputs at Site						
14.10	Sericulture						
14.11	Fisheries						

15. Extension programmes during

Sl.No.	Extension programme*	No. of programmes or activities	Expected No. of participants	Names of the team members involved
15.1	Advisory Services	12	240	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma Er ASHich Katoch Dr Raju Gupta Sh Satbir Singh
15.2	Diagnostic visits	12	120	
15.3	Field Day	6	300	
15.4	Group discussions	4	80	
15.5	Kisan Ghosthi	4	400	
15.6	Film Show	1	20	
15.7	Self -help groups			
15.8	Kisan Mela	1	500	
15.9	Exhibition	1	500	
15.10	Scientists' visit to farmers field	60	600	
15.11	Plant/Soil health/Animal health camps	1	50	
15.12	Farm Science Club			
15.13	Ex-trainees Sammelan	1	100	
15.14	Farmers' seminar/workshop	1	25	
15.15	Method Demonstrations			
15.16	Celebration of important days	6	300	
15.17	Special day celebration	2	60	

15.18	Exposure visits	1	5	
15.19	Technology week,	1	25	
15.20	FFS			
15.21	Farm innovators meet			
15.22	Awareness programs	6	250	
	Others, pl. specify			

16. Activities proposed as Knowledge and Resource Centre during 2023

16.1 Technological knowledge

Sl.No.	Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
16.1.1	Technology Park/ Crop cafeteria	Different Varieties of Paddy, Wheat and oil seeds	0.15	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma Dr Raju Gupta
16.1.2	Demonstration Units			
	Mushroom Production	Mushroom Production in Bags	.0013	Dr. Muneeshwar Sharma
	Vermi Compost Production			
	Fish pond	Composite fish farming	0.05	Dr Prem Kumar
16.1.3	Lab Analytical services			
16.1.4	Technology Week	Hydroponics	.0001	Dr Ravneet kour

16.2 Technological Products

Sl.No.	Category	Name of the product	Quantity (Qtl.)/ Number planned to be produced during 2023	Names of the team members involved
16.2.1	Seeds			Dr. Punit Choudhary Dr. Amitesh Sharma Dr. Raju Gupta
		Paddy B-370 (100 q)	60 q	
		Wheat HD 3086 (100 q)	150 q	
16.2.2	Planting materials	Veg/flower seedlings	500	Dr Ravneet kour
		Fodder (Napier)	2000	Dr. Punit Choudhary
		Setaria	1000	Dr. Punit Choudhary
16.2.3	Bio-products	Vermicompost (<i>Eisenia foetida</i>)	50 q	Dr. Punit Choudhary Dr. Raju Gupta
		Mushroom Compost	5.0 q	Dr. Muneeshwar Sharma
16.2.4	Livestock strains			
16.2.5	Fish fingerlings			

16.3 Technological Information

Action Plan 2023 (January to December 2023), Zone I, Ludhiana

	Category	Technological capsules / Number	Names of the team members involved
16.3.1	Technology backstopping to line departments		
	Agriculture	2	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
	Horticulture		
	Animal Husbandry	1	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
	Fisheries	2	Dr. Prem Kumar Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Muneeshwar Sharma Dr. Amitesh Sharma
	Agricultural Engineering	1	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
	Sericulture		
	Others, pl. specify		
16.3.2	Literature/publication	48	Dr. Puneet Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr. Amitesh Sharma
16.3.4	Electronic Media	24	
16.3.5	Kisan Mobile Advisory Services		
16.3.6	Information on centre/state sector schemes and service providers in the district.	Data may be collected from different agencies. Also indicate time of completion.	

17. Additional Activities Planned during 2023

S.No	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
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17.1	Agriculture Production Department UT of J&K	Divisional Level Trainings under HADP	Training of Trainers (ToT) (11th Jan-3rd Feb, 2023)				Dr Punit Choudhary Dr Ravneet Kour Dr Sheetal Badyal Dr Prem Kumar Dr Muneeshwar Sharma Dr Amitesh Sharma Er Ashish Katoch Dr Raju Gupta S Stabir Singh		
			Divisional Level Training Program Calendar						
					Kashmir division			Jammu division	
				Date	SKUAST K Shalimar Campus	Directorate of Agriculture Kashmir		SKUAST J RS Pora Campus	Directorate of Agriculture Jammu
			1.	10am, 11th January	Seed and Seed Multiplication	High-Density orchards		Seed and Seed Multiplication	High-Density orchards
			2.	10am, 12th January	Sericulture	Cluster		Sericulture	Cluster
			3.	10am, 13th January	Promotion of Niche Crops	Dairy Development in J&K		Promotion of Niche Crops	Dairy Development in J&K
			4.	10am, 16th January	Self-Sufficiency in Mutton	Commercial Floriculture		Self-Sufficiency in Mutton	Commercial Floriculture
			5.	10am, 17th January	Poultry Development in J&K	Vegetables & Exotic Vegetables		Poultry Development in J&K	Vegetables & Exotic Vegetables
			6.	10am, 18th January	Agricultural Marketing	Fish Seed and Trout Production		Agricultural Marketing	Fish Seed and Trout Production
			7.	10am, 19th January	Innovative Extension	Medicinal and Aromatic Plants		Innovative Extension	Medicinal and Aromatic Plants
			8.	10am, 20th January	Farm Mechanization	-		Farm Mechanization	-
			9.	10am, 21st January	Alternate Agriculture System	-		Alternate Agriculture System	-
			10.	10am, 23rd January	Promotion of Wool/Pelt	Millets & Nutri-Cereals		Promotion of Wool/Pelt	Millets & Nutri-Cereals
			11.	10am, 24th January	Human Resource Development	Bee Keeping		Human Resource Development	Bee Keeping
			12.	10am, 28th January	Sensor Based Smart Agriculture	Fodder Resources for UT of J&K		Sensor Based Smart Agriculture	Fodder Resources for UT of J&K
			13.	10am, 30th January	Rainfed Area Development	-		Rainfed Area Development	-
14.	10am, 31st January	Mushroom Cultivation	-	Mushroom Cultivation	-				
15.	10am, 1st February	Soil & Land Resource	Formulation Of 300 FPOs	Soil & Land Resource	Formulation Of 300 FPOs				
16.	10am, 2nd February	Minimizing Pesticide Use	Integrated Farming System	Minimizing Pesticide Use	Integrated Farming System				
17.	10am, 3rd February	-	Promotion Of Oil Seeds	Promotion Of Oil Seeds	-				

			<table border="1"> <thead> <tr> <th>Project Name</th> <th>Jammu</th> </tr> </thead> <tbody> <tr><td>Seed and Seed Multiplication</td><td>08.02.23</td></tr> <tr><td>Promotion of Niche Crops</td><td>10.02.23</td></tr> <tr><td>Vegetables/Exotic Veg</td><td>13.02.23</td></tr> <tr><td>Agricultural Marketing</td><td>15.02.23</td></tr> <tr><td>Medicinal and A. Plants</td><td>17.02.23</td></tr> <tr><td>Bee Keeping</td><td>20.02.23</td></tr> <tr><td>Sericulture</td><td>22.02.23</td></tr> <tr><td>Millets & Nutri-Cereals</td><td>24.02.23</td></tr> <tr><td>Farm Mechanization</td><td>27.02.23</td></tr> <tr><td>Mushroom Cultivation</td><td>01.03.23</td></tr> <tr><td>Promotion Of Oil Seeds</td><td>03.03.23</td></tr> <tr><td>Formulation Of 300 FPOs</td><td>06.03.23</td></tr> <tr><td>Integrated Farming System</td><td>08.03.23</td></tr> <tr><td>Commercial Floriculture</td><td>10.03.23</td></tr> <tr><td>Rainfed Area Development</td><td>13.03.23</td></tr> <tr><td>Alternate Agriculture System</td><td>15.03.23</td></tr> <tr><td>Sensor Based Smart</td><td>17.03.23</td></tr> <tr><td>Minimizing Pesticide Use</td><td>20.03.23</td></tr> <tr><td>Soil & Land Resource</td><td>22.03.23</td></tr> <tr><td>Innovative Extension</td><td>24.03.23</td></tr> <tr><td>High-Density Plantation</td><td>27.03.23</td></tr> <tr><td>Clusters</td><td>29.03.23</td></tr> <tr><td>Dairy Development in J&K</td><td>31.03.23</td></tr> <tr><td>Self-Sufficiency in Mutton</td><td>01.04.23</td></tr> <tr><td>Poultry Development in J&K</td><td>03.04.23</td></tr> <tr><td>Fish Seed and Trout</td><td>05.04.23</td></tr> <tr><td>Promotion of Wool/Pelt</td><td>07.04.23</td></tr> <tr><td>Fodder Resources</td><td>10.04.23</td></tr> <tr><td>Human Res. Development</td><td>06.02.23</td></tr> </tbody> </table>	Project Name	Jammu	Seed and Seed Multiplication	08.02.23	Promotion of Niche Crops	10.02.23	Vegetables/Exotic Veg	13.02.23	Agricultural Marketing	15.02.23	Medicinal and A. Plants	17.02.23	Bee Keeping	20.02.23	Sericulture	22.02.23	Millets & Nutri-Cereals	24.02.23	Farm Mechanization	27.02.23	Mushroom Cultivation	01.03.23	Promotion Of Oil Seeds	03.03.23	Formulation Of 300 FPOs	06.03.23	Integrated Farming System	08.03.23	Commercial Floriculture	10.03.23	Rainfed Area Development	13.03.23	Alternate Agriculture System	15.03.23	Sensor Based Smart	17.03.23	Minimizing Pesticide Use	20.03.23	Soil & Land Resource	22.03.23	Innovative Extension	24.03.23	High-Density Plantation	27.03.23	Clusters	29.03.23	Dairy Development in J&K	31.03.23	Self-Sufficiency in Mutton	01.04.23	Poultry Development in J&K	03.04.23	Fish Seed and Trout	05.04.23	Promotion of Wool/Pelt	07.04.23	Fodder Resources	10.04.23	Human Res. Development	06.02.23		
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Externally Funded Project in collaboration with KVK Jammu

S. NO	Project	Amount	Funding agency	PI
1	Augmenting livelihood opportunities for Scheduled Caste Community of Bishnah Block of Jammu District through agro-technological interventions submitted under Scheduled Caste Sub Plan	294.0 Lakhs	Agricultural Education Division, ICAR, New Delhi	Dr Punit Choudhary
2	"Ornamental fish breeding and culture for livelihood development in Jammu region"	52.55 lakhs	DBT, GOI	Dr Prem Kumar

18. Revolving Fund

18.1 Financial status

Opening balance as on 01.04.2021 (Rs.in Lakh)	Expenditure incurred during 2021-22 (Rs.in Lakh)	Receipts during 2021-22 (Rs.in Lakh)	Closing balance as on 31.03.2022 (Rs.in Lakh)
884817.77	246663.00	486830.00	1124984.77
FDR of ₹ 6774568.00 as on 3/3/2022			

18.2 Plan of activities under Revolving Fund

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
18.2.1	Seed production			Dr Punit Choudhary, Dr Ravneet kour, Dr Sheetal Badyal, Dr Prem, Dr Muneeshwar, Dr Amitesh
18.2.2	Mushroom production			
	Vermicompost			

19. Activities of soil, water and plant testing laboratory during 2023

Sl.No.	Type	No.of samples to be analyzed	Names of the team members involved
19.1	Soil	200	S Satbir Singh Dr Amitesh
19.2	Water		
19.3	Plant		
19.4	Others		

20. E-linkage during 2023

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
20.1	Title of the technology module to be prepared		
20.2	Creation and maintenance of relevant database system for KVK		
20.3	Any other (Please specify)		
20.4			

21. Activities planned under Rainwater Harvesting Scheme (only to those KVKs which are already having scheme under Rain Water Harvesting)

S. No	Activities planned	Remarks if any
21.1		
21.2		

22. Innovative Farmer's Meet

Action Plan 2023 (January to December 2023), Zone I, Ludhiana

Sl.No.	Particulars	Details
22.1	Are you planning for conducting Farm Innovators meet in your district?	Yes
22.2	If Yes likely month of the meet	Sept, 2023
22.3	Brief action plan in this regard	

23. Farmer's Field School planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
23.1			

24. Budget - Details of budget utilization (2022-23) up to 31 March 2023(Rs.)

(In lakhs)

S. No.	Particulars	Sanctioned	Released	Expenditure
24.1	Recurring Contingencies			
24.1.1	Pay & Allowances	237.00	204.13	178.20
24.1.2	Traveling allowances	1.00	0.00	0.95
24.1.3	Contingencies	14.50	11.39	12.15
24.1.4.1	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees			
D	Training material			
E	Frontline demonstration except oilseeds and pulses			
F	On farm testing			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
24.1	Total Recurring	252.50	215.52	191.30
24.2	Non-Recurring Contingencies			
24.2.1	Works			
24.2.2	Equipments including SWTL & Furniture	3.50	3.50	0.00
24.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	9.00	0.00	0.00
24.2.4	Library			
24.2	Total Non Recurring	12.50	0.00	0.00
24.3	REVOLVING FUND	0.00	0.00	0.00
24.4	GRAND TOTAL (A+B+C)	265.00	219.02	191.30

25.Details of Budget Estimate (2023) based on proposed action plan

S. No.	Particulars	BE 2023proposed (Rs.)
25.1	Recurring Contingencies	
25.1.1	Pay & Allowances	230.00
25.1.2	Traveling allowances	1.50

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25.1.3	Contingencies	22.50
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	
B	POL, repair of vehicles, tractor and equipments	
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	
G	Training of extension functionaries	
H	Maintenance of buildings	
I	Establishment of Soil, Plant & Water Testing Laboratory	
J	Library	
25.1	TOTAL Recurring Contingencies	254.00
25.2	Non-Recurring Contingencies	
25.2.1	Works	2.00
25.2.2	Equipments including SWTL & Furniture	2.00
25.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	1.00
25.2.4	Library (Purchase of assets like books & journals)	
25.2	TOTAL Non-Recurring Contingencies	5.00
25.3	REVOLVING FUND	0.00
25.4	GRAND TOTAL	259.00



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