

ACTION PLAN 2026-27

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S. No.	Thematic area	Crop/Enterprise	Major problem	Training Course Title	Resource Persons
1	Crop Production	Paddy	Low Yield and Lack of knowledge about nutritional dosages	Integrated Crop management in Rice	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Muneeshwar Sharma S. Satbir Singh Dr. Poonam Abrol
		Maize	Lack of HYV	Maize production technology	
		OilSeeds	Lack of HYV	Production Technology of oilseed crops	
		Wheat	Low Yield and Lack of knowledge about nutritional dosages, HYV	Wheat Production Technology	
		Pulses	HYV, Weed Control	Production Technology for pulses	
		Oilseed	Natural Farming	Training programme on Natural Farming in Cereals and Oilseed crops	
			Alternate Agriculture	Training programme on Alternate Agriculture System for Sustainability	

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S.No.	Thematic area	Crop /Enterprise	Major problem	Training Course Title	Resource Persons
2	Horticulture Production	Vegetables	Poor management	Nursery management in vegetable crops	Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Muneeshwar Sharma S. Satbir Singh Dr. Poonam Abrol
		Marigold	Lack of HYV	Scientific cultivation of marigold	
		Fruit Plants	Poor management	Management of orchards	
		Vegetables	Poor management	Nursery management in vegetable crops	
		Exotic Vegetables	Lack of Awareness	Protected cultivation of Exotic vegetables	
		Radish and Carrot	Lack of Awareness	Scientific cultivation of root crops	
		Cauliflower and Broccoli	Lack of Awareness	Scientific cultivation of cole crops	
		Fruit Plants	Lack of Awareness	Scientific cultivation of Litchi & dragon Fruit	
3	Home Science		Lack of proper Knowledge	Empowering farm women through agro based entrepreneurial activities	
			Lack of proper Knowledge poor nutritional status	Prevention of Malnutrition in women and adolescent girls through dietary modification	
			Lack of required knowledge regarding processing	Processing and value added products from Mushroom	
			Low nutritional security prevalence among vulnerable groups	Promotion and maintenance of kitchen garden for household nutritional security	
			Lack of Awareness	Drudgery reducing Technologies for Farm women	

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S.No.	Thematic area	Crop / Enterprise	Major problem	Training Course Title	Resource Persons
4	Plant Protection	Cereals and Vegetables	Low production due to soil borne diseases	Seed treatment for effective control of seed and soil borne diseases.	Dr. Muneeshwar Sharma S. Satbir Singh Dr. Poonam Abrol
		Cereals and Millets	Post harvest Losses due to stored grain pests	Management of Stored Grain Pests	
		Paddy	Low production due to Insect Pest and disease	Insect pest & disease management in Paddy nursery.	
		Winter Vegetables	Low production due to Insect Pest and diseases	Insect Pest & Disease management in Winter Vegetables	
		Vegetables and Cereals	Use of higher doses of pesticide and increase in MRL	Safe/Judicious use of Pesticides in Agriculture	
		Cereals and Vegetables	Low production due to soil borne diseases	Seed treatment for effective control of seed and soil borne diseases.	
		Cereals and Millets	Post harvest Losses due to stored grain pests	Management of Stored Grain Pests	
		Wheat	Yellow Rust	Insect Pest and disease Management in Wheat Crop	

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S.No	Thematic area	Crop / Enterprise	Major problem	Training Course Title	Resource Persons
5	Soil Health and Fertility	Soil fertility	Lack of proper Knowledge	Soil Sampling and soil health management	Dr. S. Satbir Singh Punit
		Organic manure	Lack of proper Knowledge	Production of Vermicompost	
6	PHT & value addition		Lack of proper Knowledge	Value added products from seasonal fruits.	Dr. Sheetal Badyal Dr. Poonam Abrol
			Lack of proper Knowledge	Enhancing the nutritive value of cereals and pulses	
			Lack of proper Knowledge	Processing of seasonal fruits and vegetables.	
			Lack of proper Knowledge	Processing of white button mushrooms	
7	Capacity Building group Dynamics		Lack of proper Knowledge	Formation and management of FPO's	Punit Choudhary Dr. Sheetal Badyal Dr. Poonam Abrol
8	Fisheries Production Technologies	Fresh water fish culture	Lack of proper fish seed stocking	Biofloc, RAS fish farming	Dr. Prem Kumar Dr. Imran Ganei Dr. Poonam Abrol
		Ornamental fisheries	Awareness regarding ornamental fishes	Breeding and Culture of Ornamental fishes	
		Fresh water fish culture	Lack of knowledge of recent technologies	Disease management in aquaculture	
		Fish Pond management	Large mortality problem	Carp fry and fingerling rearing	
		Fish Feed management	Poor management of fish feed	Fish feed management of fry and fingerlings	
		Fish Pond management	Poor management	Integrated Fish farming	

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S.No	Thematic area	Major problem	Training Course Title	Resource Persons
9	Animal Husbandry/ Livestock	Lack of proper Knowledge	Scientific Management of Dairy Animal	Dr. Imran Ganai Dr. Prem Kumar S. Satbir Singh Dr. Poonam Abrol
		Lack of proper Knowledge	Livestock Feed and Fodder Management	
		Lack of proper Knowledge	Management on Foot-and-Mouth disease	
		Lack of proper Knowledge	Scientific Management of sheep farming	
		Lack of proper Knowledge	Management on Backyard Poultry	
		Lack of proper Knowledge	Clean Milk Production	
		Lack of proper Knowledge	Vaccination and Deworming in Livestock	
		Lack of proper Knowledge	Management of Mastitis in Dairy Cows	
		Awareness	Management of Common Disease in Sheep	
		Lack of knowledge of recent technologies	Balanced Nutrition and Its Importance	
		Large mortality problem	Management of Common Disease in Poultry	
		Poor management	Nutritional and Metabolic Disorders and their Prevention in Dairy Cattle	
			Lack of proper Knowledge	
	Lack of proper Knowledge	Balanced sheep nutrition and feeding pattern of sheep		

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S. No.	Thematic area	Crop /Enterprise	Major problem	Training Course Title	Resource Persons
10	Agroforestry	Production	Lack of proper Knowledge and POP	Multipurpose trees and fodder grasses: scope and importance	Dr. Punit Choudhary Dr. Ravneet Kour S. Satbir Singh Dr. Poonam abrol
		Nursery	Lack of proper Knowledge and POP	Nursery raising of prominent fodder grasses	
		Production	Lack of proper Knowledge and POP	Cultivation of medicinal trees for higher income	
		Production	Lack of proper Knowledge and POP	Cultivation of medicinal and aromatic plants for higher income	
		Production	Lack of proper Knowledge and POP	Scientific cultivation of Rabi/Kharif fodder crops (Oats, barseem)	

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S. No	Thematic area and the Crop/ Enterprise	Training title	No. of programs & Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Resource Persons
1	Nursery management	Nursery raising as an enterprise vegetable crops & MAP's Training and Pruning of fruit plants	1 (5 days)	Farmers, Farm Women & Youth	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr Imran Ganai S. Satbir Singh Dr. Poonam Abrol
2	Mushroom	Mushroom cultivation Techniques	1 (5 days)	Farmers, Farm Women & Youth	
3	PHT/Home Science				
	Vegetables	Processing of seasonal fruits and vegetables for augmenting family income.	1 (05 days)	Women	
	Tailoring	Entrepreneurship development through skill training in rural crafts/ stitching and tailoring	1 (05 days)	Women	
4	Fisheries/Animal Entrepreneurship development	Dried fish products for entrepreneurship	1 (05 days)	Farmers, Farm Women & Youth	
	Value Addition	Different value-added Fish products	2 (05 days)	Farmers, Farm Women & Youth	
	Ornamental fisheries	Carp & Ornamental fish culture	1 (3 Days)	Farmers, Farm Women & Youth	

Front Line Demonstrations

2026-27

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify hybrid or Variety	Name of the Variety	Area (ha)	Source of Technology	Resource Persons
1	Cereals	Basmati Rice	Lodging and Less productivity	Newly developed high yielding varieties	High Yielding Variety	Basmati 370	10.0	SKUAST-J	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Muneeshwar Sharma S. Satbir Singh
		Wheat	Zinc deficiency in wheat varieties	Bio-fortified Variety (PB-Zn 2)	Variety	PB-Zn 2	10.0	PAU	
		Wheat	Low yield	Improved varieties	Variety	JAUW-672 DBW-222 DBW-303 HD-3086		SKUAST-Jammu & PAU	
S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify hybrid or Variety	Name of the Variety	Area (ha)	Source of Technology	Resource Persons
2	Millets	Bajra	Lack of Awareness	HYV		K-35	1.0	SKUAST-J	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Poonam Abrol
3	Oilseeds (CFLD)	Mustard	Seed availability of improved varieties	Seed and plant protection	Variety	RH 735 RH1424	15.0		
		Gobi sarson	Seed availability of improved varieties	Seed and plant protection	Variety	RSPN-25	5.0		

TECHNOLOGICAL DEMONSTRATIONS (FLD)

S. No.	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify hybrid or Variety	Name of the Variety	Source of Technology	Resource Persons
4.	Backyard poultry birds	Lack of additional activity of income	Backyard Poultry for enhanced income & opportunity	Chabro / Kadaknath	Chabro / Kadaknath	SKUAST-Jammu	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma S. Satbir Singh Dr. Poonam Abrol
5.	Fisheries	Un-availability of Seed	Quality Fish seed to 20 farmers			CIFRI	
		Occurrence of diseases	CIFAX (15 farmers @ 500ml)			CIFA	
		Water quality problem	Lime (20 farmers @ 20kg/each)			CIFA	

TECHNOLOGICAL DEMONSTRATIONS (FLD)

S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify hybrid or Variety	Name of the Variety	Area (ha)	Source of Technology	Resuorce Persons
6.	Pulses	Black gram	Seed availability of improved varieties	Seed and plant protection	Variety	PU-31 PU-1137	5.0	IARI New Delhi	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma S. Satbir Singh Dr. Poonam Abrol
		Chickpea		Seed and plant protection	Variety	PBG-8/ PBG-5	10.0	PAU Ludhiana	
7.	Vegetable crops	Brinjal	Seed	Seed	Variety	Pusa Uttam CR-45	2.0	IARI New Delhi	
		Radish		Seed	Variety	Pusa Chetki			
8.	Floriculture	Marigold	Lack of improved variety	Seed	Variety	Pusa Narangi Pusa Basanti Pusa Bahar	1.0	IARI New Delhi	
9.	Kitchen Gardening	Vegetable Kits	Low nutritional security among vulnerable groups/ Income generation	Seed	Variety		100 Kits	PAU/IARI New Delhi	
10.	Fodder	Berseem	Lack of improved variety	Seed	Variety	BL-10	2.0	PAU	
		Oats	Lack of improved variety	Seed	Variety	Sabzar 2	1.0	SKUASTJ/	

ON-FARM TRIALS Technology Assessments (2026-27)

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Resource Persons
1.	Basmati Rice	Lack of Improved Variety of seed	Assessment/ Evaluation of varieties	T1: Basmati-370 T2: SJBR-118 T3: MT-7 T4: SJBR-11	SKUAST-J	Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar
2.	Wheat	Lack of improved Variety under irrigated conditions	Assessment/ Evaluation of varieties	T1: JAUW-584 T2: DBW-222 T3: DBW-303/PBZn-2	SKUAST- J & PAU Lud/ ICAR	Dr. Muneeshwar Sharma S. Satbir Singh Dr. Poonam Abrol
3.	Wheat	Lack of improved Variety under restricted irrigated conditions	Assessment/ Evaluation of varieties	T1: WH-1080 T2: JAUW-672 T3: HD-3237	SKUAST- J /ICAR	
4.	Black gram	Low Production due to leaf spot	Management of cercospora leaf spot in blackgram.	T1: Farmer Practice T2: Three Sprays of Tebuconazole @ 0.1% T3: Three sprays of carbendazim 2gm/lt	SKUAST-J	Dr. Muneeshwar Sharma Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar S. Satbir Singh Dr. Poonam Abrol

ON-FARM TRIALS Technology Assessments (2026-27)

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Resource Persons
5.	Cucumber	Low production due to downy mildew disease	Management of downy mildew disease in cucumber	T1: Farmer Practice T2: Three Sprays of Trifloxystrobin @ 2 ml/lit after the appearance of disease T3: Three sprays of wettable sulphur 2gm/lit after the appearance of disease	SKUAST-J	Dr. Muneeshwar Sharma Dr. Punit Choudhary Dr. Ravneet Kour
6.	Garlic	Low Yield and poor quality	Effect of integrated nutrient management in garlic	T ₁ =Farmer's practice (FYM 5t/ha) T ₂ = NPK (100:50:50)+ FYM 20t/ha T ₃ = T ₂ + Sulphur 25 kg/ha	SKUAST-J	Dr. Ravneet Kour Dr. Punit Choudhary Dr. Sheetal Badyal Dr. Muneeshwar Sharma
7.	Radish	Lack of improved variety seed	Evaluation of Radish varieties in district Jammu	T ₁ =Farmer's practice T ₂ = Pusa Rashmi T ₃ = SJR-45	IARI New Delhi	Dr. Muneeshwar Sharma

ON-FARM TRIALS Technology Assessments (2026-27)

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Resource Persons
8.	Cattle	Low milk production during winter	Effect of feeding UMMB on production performance of dairy cattle	<p>T1:Farmer practice</p> <p>T2: Feeding Mineral Mixture @ 30g daily for 2 months</p> <p>T3 : Feeding UMMB @ 350g daily for 2 months</p>	SKUAST J	Dr. Imran Ganai
9.	Cattle	<p>Low productivity due to subclinical mastitis</p> <p>Poor shelf life of milk</p>	Assessment of teat dip germicidals for prevention of sub clinical mastitis in dairy cattle	<p>T1: Farmers practice</p> <p>T2: Use of teat dip with Potassium Permanganate.</p> <p>T3 : Use of teat dip with Povidone iodine + Glycerol solution.</p>	SKUAST J	Dr. Prem Kumar

ON-FARM TRIALS Technology Assessments (2026-27)

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Resource Persons
10.	Fish farming	Low production	Amplify fish feed conversion ratio through liver enhancer	<p>T1- Feed with mustard oil cake, Rice bran, home left etc. without any ratio (FP)</p> <p>T2- 50:50 Mustard Oil cake and rice bran after soaking overnight (RP)</p> <p>T3- Recommended practice + liver enhancer @ 2gm/kg of feed</p>	CIBA	Dr. Prem Kumar Dr. Imran Ganai
11.	Fish farming	High Mortality problem due to oxygen deficiency	Use of O ₂ Tablets (Long acting Oxygen releasing Tablets) to escape fish mortality	<p>T1- Addition of water through pumping set (FP)</p> <p>T2- Recommended Practice (exchange of water, aeration through water beating/swimming etc.)</p> <p>T3- Application of O₂ tablets @ 1kg/ha</p>	GBPUA&T	

ON-FARM TRIALS **Technology Assessments (2026-27)**

S.No.	Crop/enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Resource Persons
12.	Weaning Foods	Prevalence of low immunity and nutritional deficiency in children.	Evaluation of Rice based weaning foods for children, nutritional sensory & economic Characteristics	<p>T1 - local selection (farm women practice)</p> <p>T2- White rice powder + Moongbean powder + Apple pulp powder+ Walnut powder in fixed ratios.</p> <p>T3- Brown Rice powder + Moongbean powder+ Apple pulp powder +Walnut powder in fixed ratios</p>	SKUAST-J	Dr. Sheetal Badyal Dr. Poonam Abrol
13.	Improved Tool	Low efficiency of women during harvesting	Assessment of improved sickle for enhancement of efficiency and reduction of drudgery of farm women in harvesting.	<p>T1= Farmers practices</p> <p>T2= Use of Improved sickle</p>	CIAE Bhopal	

CAPACITY BUILDING PROGRAMMES FOR LINE DEPARTMENTS

S.No.	Thematic area and the Crop/ Enterprise	Training title	Resource Persons
1.	Home Science		Dr. Punit Choudhary Dr. Ravneet Kour Dr. Sheetal Badyal Dr. Prem Kumar Dr. Muneeshwar Sharma Dr Imran Ganei S. Satbir Singh Dr. Poonam Abrol
	Nutrition Management	Mitigating malnutrition among vulnerable groups.	
2.	Horticulture		
3.	Integrated Pest Management (IPM)	Protected cultivation and Integrated disease and pest management in vegetable crops	
	Plant Protection		
4.	Integrated Pest Management (IPM)	Safety parameters in insecticide usage	
	PHT & value addition		
	Value addition	Processing of cereals and pulses (for Anganwari workers and supervisors)	
5.	Fisheries	RAS system for fish Culture	
		Nutritional Interventions for Augmenting Livestock Health and Production	

OTHER EXTENSION ACTIVITIES

• FIELD DAYS	5	
• Animal Clinical Camps	2	Dr. Punit Choudhary
• CELEBRATION OF IMPORTANT DAYS	2	Dr. Ravneet Kour
• AWARENESS PROGRAMMES-	10	Dr. Sheetal Badyal
• TECHNOLOGY WEEK -	1	Dr. Prem Kumar
• PM KISAN SAMMAN NIDHI -	3	Dr. Muneeshwar Sharma
• HADP-	Need based	Dr Imran Ganei
• JKCIP	Need based	S. Satbir Singh
• ATMA	Need based	Dr. Poonam Abrol

THANKS

TEAM KVK JAMMU