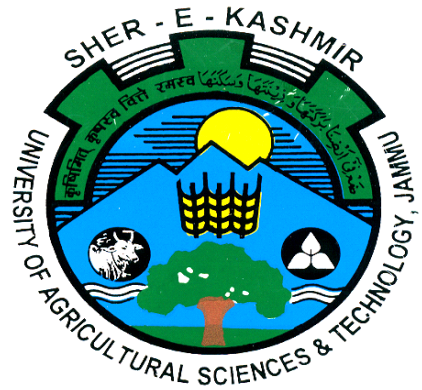


Krishi Vigyan Kendra, Jammu

(Directorate of Extension)



ACTION PLAN 2025-26

Sher - e - Kashmir

University of Agricultural Sciences and Technology of Jammu

CAPACITY BUILDING (Farmers/farmwomen)

S. No.	Thematic area	Crop / Enterprise	Major problem	Training Course Title
1	Crop Production	Paddy	Low Yield Lack of knowledge about nutritional dosages	Integrated Crop management in Rice
		Maize	Lack of HYV	Maize production technology
		OilSeeds	Lack of HYV	Production Technology of oilseed crops
		Wheat	Low Yield 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

CAPACITY BUILDING(Farmers/farmwomen)

S.No.	Thematic area	Crop / Enterprise	Major problem	Training Course Title
2	Horticulture Production	Vegetables	Poor management	Nursery management in vegetable crops
		Marigold	Lack of HYV	Scientific cultivation of marigold
		Fruit Plants	Poor management	Management of old and senile orchards
		Cauliflower and Broccoli	Lack of HYV	Scientific cultivation of cole crops
		Radish and Carrot	Lack of HYV	Scientific cultivation of root crops
				Scientific cultivation of Exotic vegetables
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

CAPACITY BUILDING(Farmers/farmwomen)

S.No.	Thematic area	Crop / Enterprise	Major problem	Training Course Title
4	Plant Protection	Cereals and Vegetables	Low production due to soil borne diseases	Seed treatment for effective control seed and soil borne diseases.
		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.
		Cucumber	Low production due to Insect Pest and diseases	Insect pest and disease management in Cucumber
		Maize	Low production due to Insect Pest and diseases	Insect pest and disease management in Maize
		Winter Vegetables	Low production due to Insect Pest and diseases	Insect Pest & Disease management in Winter Vegetables
		Urd Bean	Low production due to Insect Pest and diseases	Insect Pest & Disease management in Urd Bean
		Vegetables and Cereals	Use of higher doses of pesticide and increase in MRL	Safe/Judicious use of Pesticides in Agriculture
		Wheat	Yellow Rust	Insect Pest and disease Management in Wheat Crop
		Mushroom	Low yield due to	Round the year mushroom cultivation

CAPACITY BUILDING(Farmers/farmwomen)

S.No.	Thematic area	Crop / Enterprise	Major problem	Training Course Title
5	Soil Health and Fertility	Soil fertility	Lack of proper Knowledge	Soil Sampling and soil health management
		Organic manure	Lack of proper Knowledge	Production of Vermicompost
6	PHT & value addition		Lack of proper Knowledge	Value added products from seasonal fruits.
				Enhancing the nutritive value of cereals and pulses
				Processing of seasonal fruits and vegetables.
7	Capacity Building Group Dynamics		Lack of proper Knowledge	Formation and management of FPO's
8	Fisheries Production Technologies	Fresh waterfish culture	Lack of proper fish seed stocking	Biofloc, RAS fish farming
		Ornamental fisheries	Awareness regarding ornamental fishes	Breeding and Culture of Ornamental fishes
		Fresh waterfish 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(Farmers/farmwomen)

S.No.	Thematic area	Major problem	Training Course Title
10	Animal Husbandry/ Livestock	Lack of proper Knowledge	Scientific Management of Dairy Animal
		Lack of proper Knowledge	Livestock Feed and Fodder Management
		Lack of proper Knowledge	Management on Foot-and-Mouth disease
		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 fish seed stocking	Management of Mastitis in Dairy Cows
		Large mortality problem	Management of Common Disease in Poultry
		Poor management	Nutritional and Metabolic Disorders and their Prevention in Dairy Cattle

CAPACITY BUILDING, ENTREPRENEURIAL & SKILL DEVELOPMENT

S.No.	Thematic area	Crop / Enterprise	Major problem	Training Course Title
11	Agroforestry	Production	Lack of proper Knowledge and POP	Multipurpose trees and fodder grasses: scope and importance
		Nursery	Lack of proper Knowledge and POP	Nursery raising of prominent Tree/ 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 Deveopment				
S.No	Thematic area and theCrop/ Enterprise	Training title	No. of programs & Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)
1	Seed Production	Quality Seed Production of Cereals (Kharif/Rabi)	2 (5 days)	Farmers, Farm Women & Youth
2	Nursery management	Nursery raising as an enterprise vegetable crops & MAP's	1 (7 days)	
3	Mushroom	Mushroom cultivation Techniques	2 (05 days)	
4	PHT	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
5	Fisheries/Animal			
	Entrepreneurship development	Dried fish products for entrepreneurship	1 (05 days)	Women and Youth
		Entrepreneurship opportunities through dairy farming	2 (05 days)	Women and Youth
	Ornamental fisheries	Carp & Ornamental fish culture	1 (5 Days)	Farmers
6	INM	Certificate Course for fertilizer dealership	2 (15 days)	

Front Line Demonstrations				2025-26				
S. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify hybrid or Variety	Name of the Variety	Area (ha)	Source of Technology
1	Cereal	Basmati Rice	Lodging and less productivity	Newly developed high yielding varieties	High Yielding Variety	SJBR-118 SJBR-138 Basmati 370	8.0	SKUAST-J
		Wheat	Zinc deficiency in wheat varieties	Fortified Variety (PB 1-Zn)	Variety	PBZn- 1	8.0	PAU
		Wheat	Low yield	Improved varieties	Variety	JAUW-672 DBW-222 DBW-303 HD-3086 WH-1080		SKUAST-Jammu & PAU
		Maize (CFLD)	Low Productivity due to attack by Fall Army Worm	IPM	Hybrid/ Chemical Emamectin Benzoate	DD	20.0	DMR

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
2	Millets	Bajra	Lack of Awareness	HYV		K-35	1.0	SKUAST-J
3	Oilseeds (CFLD)	Mustard	Seed availability of improved varieties	Seed and plant protection	Variety	JAM-135	40.0	
		Gobi sarson	Seed availability of improved varieties	Seed and plant protection	Variety	RSPN-25 JGS-123 RH 735		
		Toria						
	Pulses	Black gram	Seed availability of improved varieties	Seed and plant protection	Variety	PU-31 PU-1137	5.0	
4		Chickpea		Seed and plant protection	Variety	PBG-8/ PBG-5	10.0	PAU Ludhiana
5	Vegetable crops	Cauliflower OKRA Brinjal Raddish	Seed availability of improved varieties	Seed	Variety	K-25 Seli Special Pusa-Urja CR 45	2.0	SKUAST J/ IARI New Delhi

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
6.	Others	Marigold	Lack of improved variety	Seed	Variety	Pusa Narangi Pusa Basanti Pusa Bahar	2.0	IARI New Delhi
7.	Fodder	Berseem	Lack of improved variety	Seed	Variety	BL-10	2.0	PAU
		Oats	Lack of improved variety	Seed	Variety	Sabzar 2	1.0	SKUAST J/K

TECHNOLOGICAL DEMONSTRATIONS (FLD)

S. No.	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify hybrid or Variety	Name of the Variety	Source of Technology
8.	Backyard poultry birds	Lack of additional activity of income	Backyard Poultry for enhanced income & opportunity	Chabro	Chabro	SKUAST- Jammu
9.	Fisheries	Un-availability of Seed	Quality Ornamental Fish seed to 10 farmers	Koi Carp		CIFRI
		Occurrence of diseases	CIFAX (15 farmers @500ml)			CIFA

ON-FARM TRIALS Technology Assessments (2025-26)

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
1.	Basmati Rice	Lack of Improved Variety of seed	Assessment/ Evaluation of varieties	T1: Basmati-370 T1: JB-118 T3: SJR-123	SKUAST-J
2.	Wheat	Lack of improved Variety under irrigated conditions	Assessment/ Evaluation of varieties	T1: JAUW-584 T2: JAUW-719 T3: JAUW723	SKUAST- J
3.	Black gram	Low Production due to leaf spot	Management of cercospora leaf spot in blackgram.	T1: Farmer Practice T2: Three sprays of carbendazim 2gm/lt T3: Three Sprays of Azoxystrobin 8.3% + Mancozeb 66.7% @ 1 gm/lt	SKUAST-J

ON-FARM TRIALS **Technology Assessments (2025-26)**

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
5.	Cucumber	Low production due to Powdery mildew disease	Management of Powdery mildew disease in cucumber	T1: Farmer Practice T2: Three sprays of wetttable sulphur 3gm/lt T3:Three Sprays of Trifloxystrobin 10% + Difenoconazole 12.5% + Sulphur 3% SC @ 1 ml/lt	SKUAST-J
6.	Garlic	Low Yield and Poor Quality	Effect of integrated nutrient management in garlic	T1 = Farmer's practice (FYM 5t/ha) T2 = NPK(100:50:50) + FYM 20t/ha T3 = T2 + sulphur 25 kg/ha	SKUAST J
7.	Radish	Lack of improved variety seed	Evaluation of Radish varieties in district Jammu	T ₁ =Farmer's practice T ₂ = Pusa Reshmi T ₃ = SJR-45	IARI New Delhi

ON-FARM TRIALS **Technology Assessments (2025-26)**

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

ON-FARM TRIALS **Technology Assessments (2025-26)**

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
9.	Fish farming	Unavailability of fish meal	Assessment of Alternative Source of Protein “Silkworm Pupae” in Composite fish culture	<p>T1= Feed with mustard oil cake, Rice bran, home left etc. without any ratio (Farmer practice)</p> <p>T2= Rice bran & oil cake at the ratio of 1:1 after soaking overnight + 20gm/kg Mineral mixture</p> <p>T3= Recommended practice + Silkworm pupae (40%)</p>	SKUAST
10.	Fish farming	Unavailability of fish meal	Assessment of dietary Replacement of Fish Meal with Whey Protein Concentrate	<p>T1= Feed with mustard oil cake, Rice bran, home left etc. without any ratio (Farmer practice)</p> <p>T2= Rice bran & oil cake at the ratio of 1:1 after soaking overnight + 20gm/kg Mineral mixture</p> <p>T3= Recommended practice + Whey Protein Concentrate (27%)</p>	Zagazig University, Egypt

ON-FARM TRIALS Technology Assessments (2025-26)

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
11.	Weaning Foods	Prevalence of low immunity and nutritional deficiency in children.	Evaluation of Rice based weaning foods for children, nutritional sensory & economic Characteristics	T1 - local selection (farm women practice) T2- White rice powder + Moongbean powder + Apple pulp powder+ Walnut powder in fixed ratios. T3- Brown Rice powder + Moongbean powder+ Apple pulp powder +Walnut powder in fixed ratios	SKUAST-J
12.	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.	T1= Farmers practices T2= Use of Improved sickle	CIAE Bhopal

CAPACITY BUILDING PROGRAMMES FOR LINE DEPARTMENTS

S.No.	Thematic area and the Crop/ Enterprise	Training title
1	Crop Production	
	Seed Production	Good agriculture practices in oilseed and cereal crops
	Seed Production	Quality seed production of wheat under Organic management
2	Home Science	
	Nutrition Management	Mitigating malnutrition among vulnerable groups.
3	Horticulture	
	Integrated Pest Management (IPM)	Integrated disease and pest management in vegetable crops
4	Plant Protection	
	Integrated Pest Management (IPM)	Safety parameters in insecticide usage
5	PHT & value addition	
	Value addition	Processing of cereals and pulses (for Anganwari workers and supervisors)
6	Fisheries & Animal Sciences	Bio-floc system for fish Culture
		Nutritional Interventions for Augmenting livestock Health and Production

OTHER EXTENSION ACTIVITIES

- **FIELD DAYS-4**
- **CELEBRATION OF IMPORTANT DAYS-2**
- **AWARENESS PROGRAMMES-4**
- **TECHNOLOGY WEEK-1**
- **PM KISAN SAMMAN NIDHI-2**
- **ANY OTHER (TIME TO TIME)**