KRISHI VIGYAN KENDRA, GANDERBAL

کرشي و گيا ن کيند رگاندربل

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PROPOSED ACTION PLAN
{2022-23}

DIRECTORATE OF EXTENSION

Sher-e-Kashmir
University of Agricultural Sciences and Technology of Kashmir
Shalimar-190 025

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Priority/ thrust areas

Discipline	Thrust area
Agronomy	1. Enhancement of seed replacement rate in case of Cereals, Pulses, Oilseeds and Oats with high yielding varieties of SKUAST-K. 2. Irrigation management and scheduling in cereal crops with special reference to System of Rice Intensification (SRI). 3. Integrated Farming System approach for doubling farmers income. 4. Double cropping in maize based cropping system. 5. Cultivation of crops as per the recommended package of practices.
Horticulture	1. Orchard management strategies for improvement in growth, yield and productivity of temperate fruits. 2. Production of quality planting material of elite regular bearing fruit cultivars 3. Fruit diversification. 4. Production technology management for quality grape production. 5. Shifting to HDP for enhanced productivity in apple. 6. Pollination management and pollinizer diversification in apple. 7. Walnut propagation technology & production. 8. Scientific training and pruning of temperate fruits. 9. Production technology of cut flowers and bulbous flowers. 10. Post-harvest management & marketing of cut flowers. 11. Protected cultivation for production of off-season vegetable seedlings. 12. Revival of local vegetable varieties. 13. Thrust on area and altitude specific vegetable cultivation. 14. Management of physiological/horticultural problems of fruit crops
Soil Science	1. Soil test based nutrient management. 2. Organic farming & vermicomposting. 3. Integrated Nutrient Management. 4. Use of bio-fertilizers particularly in pulses. 5. Micro-nutrient deficiency and disorders.
Plant Protection	1. Production technology and management for quality grape production. 2. Quality apple fruit production through IDM. 3. Integrated approach in plant disease management. 4. Popularization of pesticide spray schedule. 5. Disease and insect pest management of honey bees. 6. Integrated Pest and Disease Management of apple and Rice. 7. Integrated disease management of vegetable crops. 8. Mushroom cultivation as an enterprise for Self-employment of Rural youth. 9. Apiculture technology demonstration and adoption.
Home Science	1. Women development and child care. 2. Value addition of fruits and vegetables. 3. Entrepreneurship development as income generating activities. 4. Formation and management of Self-Help Groups (SHGs) & FPO's.
Animal Science	1. Dairying and dairy management. 2. Disease and feed management of livestock. 3. Production and popularization of backyard poultry as income generating unit. 4. Sheep rearing as an enterprise. 5. Horti-Poultry model.

Proposed Training Programmes 2022-23

I. Crop Production

S. No.	Thematic Area	Training/ awareness programmes	Level of participants	Duration (days)	Month
On-Campus					
1.	Weed management	Weed management in cereals and pulses	Practicing farmers	01	Apr-Nov
2.	Resource conservation technologies	Resource conservation technologies for sustainable agriculture	Practicing farmers	01	Mar-Nov
3.	Cropping system	Importance of pulse intercropping	Practicing farmers	01	Apr-Oct
4.	Integrated Farming	Integrated Farming systems for profitability and sustainability	Practicing farmers	01	Apr-March
5	Integrated Farming	Water management in field crops	Practicing farmers	01	Apr-Dec
6.	Nutrient management	Integrated nutrient management in field crops	Practicing farmers	01	April
7.	Integrated crop management	Integrated crop management for resource conservation, yield and profitability	Practicing farmers	01	April
8.	Crop production	Advances in crop production	Ext. Funct.	01	Feb-Mar
9.	Nutrient management	Integrated nutrient management	Ext. Funct.	01	Feb-Mar
Off-campus					
10.	Integrated Farming	Integrated farming system for sustainable agriculture	Rural Youth	01	Apr-Dec
11.	Seed production	Seed production of field crops	Rural Youth	01	Apr-Mar
12.	Production of organic inputs	Vermicompost production	Rural Youth	01	Apr-Mar

Method Demonstrations

S.No	Title	Month	Duration (days)
1.	Preparation of well decomposed Farmyard manure	June/ Oct.	01
2.	Farm mechanization (Weeder, Maize Sheller/paddy thresher, mechanical trans planter)	June-Sep	03
3.	Silage making	Sept./ Oct	01

Awareness Programmes

S. No.	Thematic Area	Title	No. of Courses	No. o days	Month
1	Integrated crop management	Awareness on weather-based crop/agro-advisory	01	01	April-Oct.
2	Integrated Farming	Awareness on IFS	01	01	May-July

Technological Assessment:
On- Farm Trial :-1

Crop/ enterprise	Prioritized problem	Title of OFT	Treatments	Source of Technology	No. of trials	Parameters to be studied	Team members
Paddy	Low yield and high labour cost	Alternative herbicides for weed control in paddy	T1: Farmers Practice T2 I : Butachlor II: Pyrazosulfuron ethyl +pretilachlor III: Bensulfuron methyl + pretilachlor IV: Butachlor fb Bispyribac Sodium	SKUAST-Kashmir	03		Team KVK

On- Farm Trial :-2

Crop/ enterprise	Prioritized problem	Title of OFT	Treatments	Source of Technology	No. of trials	Team members
Maize	Low yield and late maturity of traditional varieties.	Evaluation of different maize varieties under integrated crop management (ICM)	T1: Check (Badi Makai) T2: I: ICM with Check II: ICM with SMC-7 III: ICM with SMC-4	SKUAST-K	03	Team KVK

II. Horticulture

S. No.	Thematic Area	Training/ awareness programmes	Level of participants	Duration (days)	Month
On/off Campus					
1.	Layout & management of orchards	Layout of orchards both traditional and HDP	Farmers	02	Nov. Dec
2.	Pollination management	Pollination management in temperate fruit crops	Practicing farmers	02	April-May
3.	Cultivation of fruits	Various methods to improve colour in apple fruits.	Practicing farmers	02	June-July
4.	Plant propagation techniques	Propagation techniques in temperate fruits.	Farmers Ext. Funct.	02	Feb.
5	Export potential of fruits	Grading & packaging of fruits	Practicing farmers	01	Oct- Nov
6.	Nursery raising	Nursery raising techniques for quality plating material	Practicing farmers	01	Nov-March
7.	Management of orchards	Importance of Boron and Calcium in quality fruit production.	Farmers/ Ext. Funct.	02	Jan –March
8.	Nursery raising	Commercial production of ornamental plants for establishing a viable ornamental nursery.	Farmers	01	May
9.	Protected cultivation	Protected cultivation of vegetable crops.	Farmers	01	June
10.	Seed production	Hand on training of vegetable seed production.	Farmers	01	August
11.	Nutrient management	Integrated nutrient management in temperate fruits.	Farmers	01	March
12.	Layout & management of orchards	High density orcharding in temperate fruits.	Farmers	01	Jan-March
13.	Nursery raising	Nursery raising techniques for quality plating material	Rural Youth	02	Jan-Feb.
14.	Training & Pruning	Training & Pruning of temperate fruits.	Rural Youth/ Ext. Funct.	03	-do-
15.	Orchard management	Nursery to harvest: improved practices in managing fruit crops	Ext. Functionaries	01	March-Sept.

16.	Export potential of fruits	Grading & packaging of fruits	Practicing farmers	01	Oct- Nov

Technological Assessment during 2022-23 (Proposed On Farm Trials)

Crop	Prioritized Problem	Title of Intervention	Technology options	Source of Technology	Name of critical input	No. of trials	Parameters studied	Team members
Apple	Fruit drop	Application of NAA for controlling pre-harvest fruit drop in Apple.	**T1**: FP **T2**:Foliar sprays of NAA@10ppm 21 days before expected date of harvesting	SKUAST-Kashmir	NAA	03	Fruit set, yield and economics	Dr. Shafat Ahmad Banday & Team KVK
Grapes (Sahebi)	Short berry Low marketable yield	Assessment of foliar nutrient sprays for management of hen & chicken disorder of grapes	**T1**: Farmers practice **T2:** Three sprays of Boric acid @1.5g/ltr at bud swell stage, after petal fall and 21 days after second spray **T3:** Three sprays of GA_3 @40ppm at a) Pre bloom b) after petal fall and c) 21 days after second spray	SKUAST-Kashmir	Boric Acid GA_3 @40ppm	03	Marketable yield (MT/k)	Dr. Shafat Ahmad Banday, Aroosa Khalil & Team KVK

Method Demonstrations

S.No	Title	Month	Duration (days)
1.	Techniques of pruning and training fruit trees on different rootstocks.	Nov- Feb	03
2.	Repairing of snow damaged fruit trees	Nov-March	02

Exposure Visit

S.No.	Activity
1	Exposure visit to high density orchard at Shalimar
2	Exposure visit to Division of PHT ,Shalimar.

Campaigns:

- Importance of scientific training and pruning of fruit trees.

Other Extension Activities:

- Conducting Grapes Day in grapes producing belt of Ganderbal.
- Apple Day
- Need based awareness/training camps as and when required,
- Routine Farmers mobile/media/advisory, diagnostic visits etc

II. Plant Protection

S. No.	Thematic Area	Training/ awareness programmes	Level of participants	Duration (days)	Month
On-Campus					
1	ICM	Rearing of honey bees for honey production and pollination	Practicing farmers/Rural youth	01	April-Oct.
2	IPM	Management of stored grain pests in cereals	Practicing farmers	01	April-Oct.
3	ICM	Production technology of Dhingri and button Mushroom cultivation	Rural youth	07	April-March
4	IDM	Integrated pest and disease management of pome fruits	Extension Functionaries	01	April-March
5	IDM	Integrated disease management of cereal crops	Extension Functionaries	01	April-March
6	IDM	Integrated disease management of vegetable crops	Extension Functionaries	01	April-March
Off-campus					
8	IDM	Important diseases of apple and their management	Practicing farmers	02	April-Oct.
9	ICM	Management of untimely snow/hailstorm/ inclement weather affected crops	Practicing farmers	01	April-Oct.
10	IDM	IDM of root rot and collar rot disease in apple	Practicing farmers	02	April-Oct.
11	IPM	IPM of sanjose scale infestation in apple	Practicing farmers	01	April-Oct.
12	IDM	IDM of foliar diseases in paddy	Practicing farmers	01	April-August
14	IDM	Integrated disease management of vegetable crops	Practicing farmers	02	April-July
15	IPDM	IPM & IDM of insect pest and disease of maize	Practicing farmers	02	April-August
16	IDM	IDM of chilli wilt complex	Practicing farmers	01	April-August
17	IPDM	IDM and IPM of important insect pests and disease of floricultural crops	Practicing farmers/Rural Youth	01	April-Oct.

Other Extension Activities Planned during 2022-23

S.No.	Thematic Area	Name of the agency / scheme	Name of activity	Technical programme	Names of the team members involved
1	IPDM	Plant Clinical Camp	01	Awareness	Dr F.A.Ahanger and team KVK
2	IPM	Rodent management	01	Awareness campaign	Dr F.A.Ahanger and team KVK
3	IPDM	Application of Spray Schedule and Safe Handling of Pesticides	05	Awareness campaign	Dr F.A.Ahanger and team KVK
4	IDM	Importance of seed and seedling treatment in vegetable and cereal crops	02	Awareness campaign	Dr F.A.Ahanger and team KVK
6	IPDM	Orchard/Field Sanitation	03	Awareness campaign	Dr F.A.Ahanger and team KVK

Proposed Front Line Demonstration (FLD's)

Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Source of Technology/ Collaboration	Name of critical input	No. of Demo	Parameters to be studied	Team members
Apple	Cankers	Demonstration on Management of Canker	SKUAST-Kashmir	Fungicide paste (Carbendazim 50 WP (1part)+ Copper oxychloride 50 WP(2 parts)+ Linseed oil(9 parts)	05	Per cent wound healing	Dr. F.A. Ahanger
Apple	Insect pest and disease problem	Demonstration of spray schedule	SKUAST-Kashmir	Technology	05	Disease status	Dr. F.A. Ahanger
Chilli	Wilt complex	IDM of chilli wilt complex	SKUAST-Kashmir	Bio-agent (Trichoderma harzianum)	05	Disease status	Dr. F.A. Ahanger

Technological Assessment during 2021-22 (Proposed On Farm Trials)
On Farm Testing (OFT)-1

Crop	Prioritized problem	Title of OFT	Technology options	Source of Technology/ Collaboration	No. of trials	Parameters to be studied	Team members
APPLE	Root rot	Management of Root rot disease of apple	T0: Removal of Soil from the root surface	Farmers Practice	03	Recovery percentage	Dr. F.A. Ahanger and Asso. member (Div. of plant pathology)
			T1: T0 + Soil drenching under tree canopy with Carbendazim + Mancozeb @ 0.5%. OR With Captan+Hexaconazole @ 0.1%	SKUAST-Kashmir			
			T2: Removal of Soil from the root surface + Soil drenching with bio-agent (soil application with FYM impregnated with Bio-agent)	Refinement			

On Farm Testing (OFT)-2

Crop/ enterprise	Prioritized problem	Title of OFT	Technology options	Source of Technology/ Collaboration	No. of trials	Parameters to be studied	Team members
Cherry	Gummosis leading to poor plant health and lesser yield	Integrated management of gummosis in cherry	T0: Farmer' practice (No treatment)	Farmers Practice	03	% Recovery/ %wound healing and yield (Q/ha.)	Dr. F.A. Ahanger and associate member from Div. of Plant Pathology
			T1: Spray copper oxychloride (0.3%) after leaf fall + apply Chaubatia paste	SKUAST-Kashmir			
			T2: Spray copper oxychloride (0.3%) after leaf fall + apply mashobra paste after cleaning the weeping wounds at the time of dormancy break and repeat the process on new lesions in following month+ spray Streptocycline (0.02%) before the onset of rainy season followed by spray with Carbendazim + Mancozeb @ 0.05%.	Refinement (HPKV Palampur & GBPAUT)			

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Method Demonstrations

S.No	Title	Month	Duration (days)
1.	Techniques of seed and seedling dip treatment for different crops	April-Oct	03
2.	Repairing of snow damaged fruit trees	Nov-March	02
3	Management collar rot disease in apple	April-Oct	02
4	Management of canker disease in apple	April-Oct	02
5	Whorl application of pesticides against army worm in maize	April-Oct	02
6	Management of damping-off disease in vegetable seedlings	April-Oct	02
7	Bio-fortification of FYM and disease management	April-Oct	02
8	Management of rodents in agri and horticulture fields	April-Oct	02

Exposure Visit

S.No.	Activity
1	Exposure visit to high density orchard at Shalimar
2	Exposure visit to Division of MRTC ,Shalimar.
3	Exposure visit to College of sericulture Mirgund SKUAST-K.

Front Line Demonstration (FLD's):

Crop/ Enterprise	Prioritized problem	Technology to be demonstrated	Source of Technology/ Collaboration	Name of critical input	No. of Demonstrations	Parameters to be studied	Team members
Paddy	Low yield Old varieties	Demonstration of high yielding rice varieties (SR-2 SR-4 SR-5)	SKUAST-K	Seed	60	Yield	Team KVK
Maize	Low yield	Demonstration of high yielding maize varieties (SMC-4 & SMC-7)	SKUAST-K	Seed	50	Yield	Team KVK
Oats	Low yield	Demonstration of high yielding Oats variety (SFO-3)	SKUAST-K	Seed	50	Yield	Team KVK

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Brown Sarson	Low yield	Demonstration of high yielding Brown Sarson variety (SS-2)	SKUAST-K	Seed	100	Yield	Team KVK

Cluster Front Line Demonstration (CFLD's):

Title	**Area (ha)**	**Seed requirement (q)**
Rajmash	05	3.5
Cowpea	0.05	4.0
Brown Sarson	20	2.0
Pea	10	6.5
Lentil	01	0.4

IV. Animal Science

S. No.	**Thematic Area**	**Training programmes**	**Level of participants**	**Duration (days)**	**Month**
On-Campus					
1.	Dairying/ Sheep Goat rearing	Entrepreneurship in Dairy Farming/ Sheep Farming	Rural youth	01	April-Sep
2.	Poultry production	Entrepreneurship training in commercial poultry production	-do-	01	June-July
3.	Rabbit farming	Exposure visit and training on Rabbitry	-do-	01	June-July
4.	Animal health	Update on foot-and-mouth disease	Extension functionaries	01	Nov.-March
5	Paravets	Small Ruminant Vaccination	-do-	01	Nov.-March
6.	Paravets	Vaccine Storage and Handling	-do-	01	Nov.-March
Off-campus					
7.	Dairy Management	Clean Milk Production	Practicing farmers	01	March-June
8.	Feed Management	Feed formulation for dairy cows	-do-	01	March-June

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9.	Disease Management	Management of Mastitis in Dairy Cows	-do-	01	-do-
10.	Poultry Management	Scientific Management of Backyard Poultry	-do-	01	March-Sept.
11.	Dairy Management	Management of Repeat Breeding/Infertility in High Yielding Cows	-do-	01	-do-
12.	Poultry Management	Management of Common Disease in Poultry	-do-	01	April-Dec
13.	Dairy Management	Winter Management of livestock	-do-	01	Nov-Jan
14.	Poultry Management	Enhancing egg production in backyard poultry	-do-	01	Sep-Jan
15.	Disease Management	Control measures for ecto-and endo-parasitic infestation in Livestock	-do-	01	Jan – March
16.	Fish Management	Integrated Fish Farming	-do-	01	June-July
17.	Fish Management	Fish diseases and their control	-do-	01	June-July
18	Dairy Management	Nutritional Management of Dairy Cows during transition period	-do-	01	March-April

Awareness Programmes

S. No.	Thematic Area	Title	No. of Courses	No. of days	Month
1	Disease Management	Awareness on Prevention of Foot-and-mouth disease in livestock	02	01	March, September
2	Disease Management	Awareness on importance of vaccination/deworming in livestock	02	01	April, August
3	Disease Management	Awareness on Zoonosis and zoonotic disease	02	01	May, July

Method Demonstrations

S.No	Title	Month	Duration (days)
1.	Demonstration on silage making	Nov- Feb	01
2.	Demonstration on fortification of straw	Nov-March	01
3.	Demonstration on preparation on Urea Molasses Mineral Block (UMMB)	Nov-March	01
4	Demonstration on Clean Milk Production	Nov-March	01
5	Renovation and cleaning of fish pond	March-June	01

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Exposure Visits

S.No.	Activity
1	Exposure visits on Rabbitry
2	Exposure visits to Backyard poultry Unit
3	Exposure visits to Horti-poultry Model

Proposed On-Farm Testing (OFT's)

Crop/ enterprise	Prioritized problem	Title of OFT	Technology Options	No. of trials	Parameters to be studied	Team members
Cattle	Low milk production during winter	Effect of feeding winter chocolate on production performance of dairy cattle	T0:Farmer practice T1: Feeding winter chocolate daily for 2 months	04 (Tulmulla, Wutlar, Khalmulla)	Milk yield Milk composition	Dr. Pervaiz Dar and team KVK
Poultry	Low production of layers during short day period	Effect of additional light hours on the production performance of layer chickens	T0: Natural light hours T1: 2-3 additional light hours morning and evening for 3 months	04 (Nuner, Repora, Kurhama, Shuhama)	•Egg production •Egg size	Dr. Pervaiz Dar and team KVK

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Frontline Demonstrations

Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Source of Technology /Collaboration	Name of critical input	No. of Demo	Parameters to be studied	Team members
Poultry	Low egg and meat production	Demonstration of elite varieties of poultry	SKUAST-Kashmir	Keystone, Vanraja, Kroiler	30	Egg production Body weight gain	Dr. Pervaiz Dar/team kvk
Rabbit	High prices/Unavailability of meat	Demonstration on Rabbit as alternative and cheap source of meat	SKUAST-Kashmir	Rabbit of Newzealand white breed, Cages	02	Adoption rate Economic analysis (B:C ratio)	Dr. Pervaiz Dar/ team KVK
Cattle	Fodder scarcity	Popularization of KDFM1 as livestock fodder	SKUAST-Kashmir	KDFM1 seed	03	Adoption rate Production performance	Dr. Pervaiz Dar / team kvk

CAMPS:

Animal health camps **:** **(4) April-June, July-Sept, Oct-Dec & Jan-March**

Campaigns:

- Deworming and Vaccination in livestock
- Zoonosis and Zoonotic diseases.
- Control of Foot-and-mouth diseases

Other Extension Activities:

- Conducting Field Day on poultry
- World Veterinary Day/Rabies day/Egg day/Milk Day
- Need based awareness/training camps as and when required,
- Routine Farmers mobile/media/advisory, diagnostic visits etc

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V. Soil Science

S. No.	Thematic Area	Training/ awareness programmes	Level of participants	Duration (days)	Month
On-Campus					
1.	Soil fertility management	Time dose and methods of fertilizer application in field crops.	Ext. Functionaries Dept. of Agriculture	01	April
2.	Micronutrient deficiency in crops	Micronutrient deficiency symptoms and remedies thereof	Ext. Functionaries, Hort. Dept.	01	May
3.	Soil fertility management	Management of Soil Quality & Health	Ext. Functionaries Agri/Hort. Dept.	01	June
4.	Soil fertility management	Technologies developed by SKUAST-K and their applicability under field conditions	Ext. Functionaries Hort. Dept./ progressive farmers	01	July
5.	Integrated nutrient management	Site specific Nutrient Management	Filed officers/Farmers	01	Sep
6.	Soil fertility management	Trainings on collection of soil samples from agriculture & horticulture crops	Ext. Functionaries Agri/Hort. Dept.	01	Nov
Off-campus					
1.	Integrated nutrient management	Integrated Nutrient Management in fruit & agricultural crops	Farmers/ Rural Youth	01	March/ May
2.	Soil fertility management	Fertilizer recommendation in apple as per soil testing reports	-do-	01	March
3.	Soil fertility management	Application of Ca & B for better yield & fruit quality of apple	-do-	01	April
4.	Nutrient use efficiency	Vermicomposting as an income generating unit	Farmers/ Rural Youth	01	May/ Nov
5.	Soil fertility management	Balanced use of fertilizers for maintaining soil health	-do-	01	May/ Nov
6.	Micronutrient deficiency in crops	Remedies to overcome micronutrient deficiency in apple	-do-	01	June
7.	Soil fertility management	Training on Methods of collecting soil samples	Farmers/ Ext. Funct.	01	July/ Nov
8.	Soil and water conservation	Soil and water conservation practices & management	Farmers/ Ext. Funct.	01	Sep.

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9.	Production and use of organic inputs	Preparation of good quality FYM	-do-	01	Oct.

Vocational Training Programmes:-

S. No.	Training/ awareness programmes	Level of participants	Duration (days)	Month
1.	Preparation of vermi-compost for agricultural use as an income generating unit.	Rural youth/ school dropouts	20	June

CAMPS:

Soil health camps **: (5) May, July, November**

Proposed/ongoing On-Farm Trials (OFT's):-

Sl.No.	Title of OFT	Treatments	No.	Prioritized problem	Parameters of Assessment	Team Members
1.	Soil Test Based Fertilizer Recommendation (STBFR) in apple	T1 - FP T2 - SKUAST -K, schedule T3 - STBFR	03	• Low yield • Fruit drop • Physiological disorders	• Yield • Fruit quality • Fruit set	J.A. Bhat & Team KVK

Miscellaneous

a) Advisories through print and electronic media – as and when needed

VI. Home Science

S. No.	Thematic Area	Training/ awareness programmes	Level of participants	Duration (days)	Month
On-Campus					
1	Processing /PHT	Training programme on value addition of under-utilized vegetables.	20	1	May
2	Processing and value addition	Training programme on value addition of cereals and pulses.	20	3	May
3.	Processing /PHT	Training on value addition of Grapes	20	1	July-Aug.
4.	Value Addition	Training on value addition of fruits and vegetables	20	2	Sept-Nov
5	Preservation	Empowering youth through skill up gradation-fruit and vegetable preservation	15	8	Sept-Nov
6.	Packaging and marketing	Training on selection and type of food-specific packaging.	15	1	Sept-Nov

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6.	Design & development of high nutrient efficiency Recipes	Development of fortified food products for school going children	20	1	Septem ber
7.	Formation and Management of Commodity interest groups	Step towards Establishing Commodity Interest Groups (CIGs)/ FPOs in the District.	20	2	August
Off-campus					
1	Nutrition garden	Including nutrient rich vegetables in kitchen gardens to promote Nutri- Garden concept	20	1	April
2.	Nutrition garden	Including nutrient rich vegetables in kitchen gardens to promote Nutri- Garden concept	20	1	April
3	Design & development of high nutrient efficiency Recipes	Development of fortified food products for school going children	20	1	June
4	Vocational Training	Skill Up-gradation through apparel designing	15-20	1 month	Dec

Method Demonstrations

S.No	Title	Month	Duration (days)
1.	Apple jam making	November	1
2.	Making of raisins	August	1
3.	Making of bakery products	May/June	1
4.	Making of fortified flour flatbreads	June	1
5.	Pickling of vegetables	Sept.- Oct	1
6.	Making of Masala Tikki (Waer)	Sept.-Oct	1
7	Packaging of Food products	May/June/Sept./Oct/Nov	5

Awareness Programmes

S. No.	Thematic Area	Title	No. of Courses	No. o days	Month
1	Nutritional security	Awareness on household flour fortification	1	1	July
		Awareness on use and consumption of high nutritive value under-utilized vegetables.	1	1	June
2.	Women and child care	Awareness on nutritional needs of pre-school children and women at risk	2	1 each	June/ September
3.	Women and child care	Awareness on importance of hand hygiene among school going children	1	1	September

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Technological Assessment:
On- Farm Trial :-1

Crop/ enterprise	Prioritized problem	Title of OFT	Treatments	Source of Technology	No. of trials	Parameters to be studied	Team members
Maize (LQMH-1)	Local deficient in essential amino acids	Organoleptic/ sensory evaluation of flat breads prepared from LQMH-1 flour	T0= farmers practice (local maize) T1= preparing flat breads (with and without fat) from LQMH1 T2= preparing from 50 % LQMH1 and 50% other flour. (with and without fat)	Literature + DARS Budgam	2	Sensory evaluation+ End use	**Dr. Rafiya Munshi + Dr Zahoor A Dar**

Front Line Demonstration (FLD's):

Crop/ Enterprise	Prioritized problem	Technology to be demonstrated	Source of Technology/ Collaboration	Name of critical input	No. of Demonstrations	Parameters to be studied	Team members
Okra	Not grown in Kitchen gardens/ Not consumed	Introduction of Okra in Kitchen gardens	SKUAST-K	Seed	45	Inclusion in Kitchen gardens + acceptability rate	Team KVK

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List Special programmes/ workshops on important occasions during 2022-23

Sl.No.	Date	Occasion	Programme/ Workshop	Beneficiary
1.	22nd April	International Mother Earth Day	One day workshop on **"Responsibility to promote harmony with nature and the Earth".**	Extension officers /Progressive farmers/ Rural Youth
2.	29, April	World Veterinary day	Mega Animal clinical Camp in the Tribal block of the district (Kangan)	Tribal Livestock rearers
3.	1, June	World milk day	One day training programme on "**Least cost ration formulation for more milk production**"- off campus	Dairy farmers
4.	5th June	World Environment day	*One day workshop on **"Motivate people to become active agents of sustainable and equitable development"***	Extension officers /Progressive farmers/ Rural Youth
5.	6, July	World zoonosis day	"**Important Zoonotic diseases –Prevention and control**" Awareness programme for school children in an identified school	School children
6.	1st -7th August 2018	National Breastfeeding Week	-	Farm women/school girls/ Anganwadi workers
7.	August	Grape Day	-	Extension officers /Progressive farmers/ Rural Youth
8.	1st -7th September 2019	National Nutritional Week	-	Farm women/school girls/ Anganwadi workers
9.	October	Ambri Apple Day	-	Extension officers /Progressive farmers/ Rural Youth
10.	13, Oct	World egg day	"**Field day on backyard poultry farming in an identified tribal village**"	Tribal Backyard poultry rearers

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11.	15th October 2018	Mahila Kisan Divas	-	Farm women/school girls/ Anganwadi workers
12.	16th Oct	World food day	*One day workshop on **"climate is changing – food and agriculture must too"***	Extension officers /Progressive farmers/ Rural Youth
13.	21st November	World Fisheries Day		
14.	5th Dec.	World Soil Day	One day workshop on **"preserving soil for future generations – by maintaining soil health"**	Extension officers /Progressive farmers/ Rural Youth
15.	19, Mar	World poultry day	One day workshop on '**Profitable poultry farming for livelihood-concerns and strategies**'	Poultry farmers, poultry extension officers, SMSs (AS)