

ACTION PLAN FOR THE YEAR 2019 - 2020 (APRIL TO MARCH)

1. **Name of the KVK** : HOLY CROSS KRISHI VIGYAN
KENDRA, HAZARIBAG
2. **Name of the Host Organization** : Holy Cross Institute, Hazaribag
3. **Training programme to be organized** : **(April 2019 to March 2020)**
- a) **Farmers and farm women**
ON Campus

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
CROP PRODUCTION									
Integrated nutrient management	Application of Organic manure & recommended fertilizer as basal dose in maize (INM)	1	1	4	0	21	20	5	25
Seed Production	Variety, seed rate, seed treatment by FIR in Redgram, Greengram, blackgram and sowing in rows.	2	2	10	10	40	50	10	60
Use of farm implements	Nursery bed preparation & raising seedlings of paddy for paddy transplanted	1	2	0	0	15	15	-	15
Seed production	Seed rate, seed treatment, nursery bed preparation for raising seedling under SRI & conventional method for seed multiplication	1	2	10	10	40	50	10	60
Nursery management	Seed treatment and nursery bed preparation for raising seedlings of transplanting paddy	1	2	5	0	15	15	5	20
Integrated crop management	Variety, seed rate and seed treatment and sowing in rows of Redgram, blackgram and green gram	2	2	10	10	35	45	10	55
	Variety, seed rate, seed treatment, seed germination technology and sowing of paddy seed from plastic drum seeder in case of delayed monsoon	1	2	2	2	16	15	5	20

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Farm implements for climate resilient situation	Variety, seed rate, seed treatment and sowing of groundnut in rows	1	2	-	15	5	15	5	20
Integrated crop management	Variety, Seed rate, seed treatment and nursery bed preparation for raising of transplanting paddy under SRI, technique	1	2	0	0	20	15	5	20
	Variety, seed rate, seed treatment, application of recommended fertilizer as basal dose in niger and sowing in rows	2	2	7	7	36	40	10	50
	Inoculation of lentil with Rhizobium culture required for Lentil treatment	1	2	6	0	14	15	5	20
	Variety, seed rate, seed treatment, application of recommended fertilizer as basal dose in linseed	1	2	5	15	0	15	5	20
	Variety, seed rate, seed treatment, application of recommended fertilizer as basal dose in Toria and Rai with sowing in rows	2	2	8	8	19	25	10	35
	Variety seed treatment by FIR (Fungicide insecticide Rhizobium) method in gram & sowing in rows	1	2	6	6	13	16	9	25
	Seed production	Variety, seed rate, seed treatment fertilizer dose and it's method of placement in mustard, wheat & gram under seed multiplication	2	2	0	0	25	20	5
Integrated crop management	Application of recommended fertilizer dose in wheat & sowing in rows	1	2	2	2	16	20	-	20

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Integrated crop management	Variety, seed rate, seed treatment technique, application of recommended fertilizer dose in sowing of rows in wheat under SWI technique	2	2	0	0	50	35	15	50
HORTICULTURE									
Vegetable crop production of low volume & high value	Seedling treatment of tomato (F ₁) and transplanting at proper spacing	1	1	6	5	14	11	14	25
	Transplanting of sweetpepper at proper spacing in double row system	1	1	5	5	15	15	10	25
Cultivation of fruits	Regulation of flowering in guava for better quality fruit production	1	1	8	10	7	14	11	25
Tuber crops	Digging of pits of appropriate size for planting of seed corms of elephant foot yam	1	1	10	5	10	17	8	25
Nursery raising	Nursery bed preparation for raising seedlings of rainy season tomato	1	1	5	5	15	16	9	25
	Nursery bed preparation for raising seedlings of early cauliflower	1	1	6	6	13	17	8	25
Spices	Seed treatment & raising of seedlings of rainy season onion	1	1	3	5	17	21	4	25
Ornamental plants and nursery management	Seedling raising of African Marigold on raised nursery beds	1	1	5	5	15	16	9	25
Plant propagation techniques	Epicotyle grafting in mango	1	1	5	5	15	20	5	25
Grading & standarization	Grading of tomato to fetch high pric in town / city market	1	1	5	5	15	18	7	25

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Flowers	Pinching of African marigold at appropriate stage for increasing number of branches and flower production	1	1	8	10	7	14	11	25
Nursing raising	Nursery bed preparation for raising healthy seedlings of sweetpepper	1	1	5	5	15	16	9	25
Plant propagation	Air layering in litchi & guava	1	1	6	6	13	16	9	25
Exotic vegetables	Transplanting of broccoli seedlings at proper spacing	1	1	5	5	15	18	7	25
Management of young plants/ orchard	Application method of manures and fertilizers in mango plants	1	1	5	5	15	16	9	25
Plant Propagation	Veneer grafting in mango	1	1	5	5	15	16	9	25
Spices	Nursery bed preparation and raising of seedlings of onion	1	1	5	5	15	16	9	25
Ornamental plants and nursery management	Nursery bed preparation for raising seedlings of African marigold	1	1	5	5	15	16	9	25
Nursery raising	Raising of seedlings of bottlegourd, bittergourd, spongegourd, ridgegourd, cucumber & watermelon	1	1	5	5	15	16	9	25
Vegetable, crop production of low volume and high value	Transplanting of sweetpepper seedlings at proper spacing	1	1	5	5	15	16	9	25
Management of young plants/orchard	Irrigation at regular interval in mango to check fruit drop	1	1	5	5	15	16	9	25
SOIL SCIENCE									
Production and use of organic	Preparation of vermicompost and its use	1	1	10	10	20	20	20	40
INM	Integrated nutrients management in paddy crop	1	1	-	-	20	10	10	20
INM	Site specific nutrients management in maize	1	1	-	5	20	20	5	25

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
INM	Use of poultry manure to increase productivity of potato	1	1	10	10	5	15	10	25
Nutrients management	Use of balance dose of nutrients in cereals and Rabi pulses	1	1	-	10	20	20	10	30
Fertility management	Soil health management techniques	1	1	-	-	25	20	5	25
INM	Use of poultry manure to increase productivity of potato	1	1	5	10	10	15	10	25
LIVESTOCK PRODUCTION & MANAGEMENT									
Poultry management	Care and management of broiler birds during summer season	1	1	10	5	5	12	8	20
Piggery management	Prevention of piglet anemia through prevention medicines	1	1	10	5	5	14	6	20
Dairy management	Care and management of dry pregnant animals	1	1	5	5	10	13	7	20
Goat management	Care and management of goat during gestation period	1	1	3	3	14	13	7	20
Disease management	Control of Hemorrhagic septicemia ,black quarter and FMD through vaccination	1	1	5	5	10	13	7	20
Feed and fodder management	Agro technique of berseem cultivation for green fodder	1	1	5	5	10	14	6	20
Disease management	Measures to control endo & ecto parasites	1	1	5	5	10	14	6	20
Disease management	Importance of vaccine in animals and vaccination schedule in animals	1	1	3	3	14	15	5	20
Poultry management	Deworming of backyard poultry birds to enhance egg production	1	1	5	15	5	11	14	25
Dairy management	Care and management of sick animals	1	1	5	5	10	14	6	20
Disease management	(PPR) management through vaccination in goat	1	1	5	5	10	14	6	20

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Piggery management	Management of piglet anaemia through medicine	1	1	5	15	-	14	6	20
Goat management	Breed improvement of indigenous goat by improved bucks	1	1	5	10	5	9	11	20
HOME SCIENCE									
Women & child care	Preparation of oral rehydration solution	1	1	5	5	5	-	15	15
Design & Development for high	Preparation of infant food with quality protein maize	1	1	7	6	7	-	20	20
Women & child care	Preparation of moringa leaf powder and its importance for anemia mothers and children	1	1	7	7	6	-	20	20
Value addition	Preparation of mango pickle	1	1	7	7	6	-	20	20
Household food security by kitchen gardening	Nutrition value of vegetables and layout of nutritional garden	1	1	-	20	-	-	20	20
Design & Development for high	Preparation of low cost balanced diet for women and child	1	1	9	8	8	-	25	25
	Preparation of homemade supplementary food	1	1	7	7	6	-	20	20
Health & hygiene	Importance of personal hygiene for women	1	1	7	7	6	-	20	20
	Importance of personal hygiene to prevent disease and identification & management of water born disease	1	1	7	6	7	-	20	20
Minimization of nutrient loss of processing	Methods of nutrient loss in green vegetable while cooking	1	1	7	6	7	-	20	20
Herbal medicine	Planting of Persia Americana (Avocado) and moringa, Artemisia	1	1	8	9	8	12	13	25
Income generation	Preparation of white phenyl	1	1	8	8	9	12	13	25
Value addition	Preparation of Amda pickle	1	1	5	5	5	-	15	15
	Preparation of amla pickle	1	1	7	6	7	-	20	20
Income Generation	Preparation of candles in different shape and design	1	1	8	8	9	13	12	25

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Designs development for high nutrients efficiency diet	Preparation of homemade food supplement from locally available ingredients	1	1	7	8	5	-	20	20
Value addition Value addition	Preparation of guava jelly	1	1	5	5	5	-	15	15
	Preparation of guava jelly	1	1	7	7	6	-	20	20
Women & child care	Preparing of low cost balanced diet for anemia children and women	1	1	7	7	6	-	20	20
Health & hygiene	Importance of personal hygiene	1	1	8	9	8	12	13	25
MUSHROOM									
Mushroom Production	Disease management of oyster, milky and button mushroom	1	1	8	9	8	12	13	25
	Different methods of mushroom production	1	1	8	9	8	12	13	25
Compost preparation	Compost preparation for button mushroom	1	1	8	9	8	12	13	25
Mushroom unit management	Uses of farm waste for mushroom production	1	1	8	9	8	12	13	25
	Time utilization & economic importance of mushroom	1	1	8	9	8	12	13	25
	Total	89		461	529	1065	1166	889	2055

OFF CAMPUS

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
CROP PRODUCTION									
Integrated Crop management	Line transplanting of paddy seedlings at proper spacing and placement of appropriate dose of manure and fertilizer for SRI technique	2	2	0	0	40	30	10	40
Weed management	Control of weeds by using chemical herbicide in maize (selection dose & stage of application & spraying method)	1	2	5	0	35	33	7	40
Integrated Crop management	Line transplanting of paddy seedlings at proper spacing & placement of appropriate dose of fertilizer	2	2	5	0	35	33	7	40
Weed management	Weed management in paddy under plastic drum seeder	1	1	2	2	16	15	5	20
	Weed management in paddy under SRI technique	1	1	0	0	20	15	5	20
Integrated weed management	Control of weeds by using chemical herbicide in paddy (selection, doses, stage of application and spraying method)	2	2	10	40	0	40	10	50
Use of implements	Weed control in wheat by (SWI) using weeder	2	2	50	0	0	35	15	50
Integrated Crop management	Control of broad leave weeds by using selective herbicide in wheat under zero tillage (dose, stage of application & how to spray)	2	2	50	0	0	40	10	50

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
HORTICULTURE									
Cultivation of fruits	Regulation of flowering in guava for better quality fruit production	1	1	5	5	15	16	9	25
Tuber crops	Digging of pits at proper spacing and planting of seed corm for elephant foot yam	1	1	5	5	15	16	9	25
Nursery raising	Nursery bed preparation for raising seedlings of rainy season onion	1	1	5	5	15	16	9	25
Plant propagation	Air layering in guava, litchi and citrus	1	1	5	5	15	16	9	25
Management of young plants / orchard	Intercropping of vegetables in nearby established orchard	1	1	6	4	15	17	8	25
Grading and standardization	Stages of maturity in tomato for harvesting depending upon purpose of use	1	1	5	5	15	16	9	25
Exotic vegetables	Transplanting of broccoli seedlings with balanced dose of fertilizer at proper spacing	1	1	5	5	15	16	9	25
Management of young plants/ orchard	Application of manures & fertilizers in non- bearing young mango plants	1	1	6	6	15	18	9	27
Spices	Transplanting of onion seedlings in rows at proper spacing	1	1	6	5	14	17	8	25
Nursery raising	Raising of cucurbitaceous seedlings in poly bags	1	1	6	6	16	18	10	28
Exotic vegetables	Harvesting of central head in broccoli at right stage	1	1	5	5	15	16	9	25
Management of young plants / orchard	Irrigation at regular interval in mango to check fruit drops	1	1	5	5	15	16	9	25
SOIL SCIENCE									
Soil testing	Economic benefit from soil testing	1	1	-	-	30	20	10	30
	Benefit soil health cards to farmers	1	1	-	25	-	20	5	25

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Soil testing	Economic benefit from soil testing	1	1	10	5	10	20	5	25
Production and use of organic inputs	Production and importance of green manuring	1	1	-	10	10	10	10	20
Production and use of organic inputs	Production and importance of azola	1	1	-	-	20	10	10	20
INM	Integrated Nutrients management in Wheat	1	1	10	-	15	15	10	25
Fertilizer management	Fertilizer management in upland, midland and low land paddy crop	1	1	10	5	10	15	10	25
Bio fertilizer	Role of bio fertilizers and its use	1	1	-	10	20	20	10	30
Nutrient Management	Integrated nutrients management in Potato	1	1	5	5	10	15	5	20
INM	Integrated nutrients management in Rabi Pulses	1	1	5	10	5	15	5	20
Soil testing	Economics benefit from soil testing	1	1	10	-	20	15	15	30
Micro nutrients efficiency	Role and deficiency symptom of micro nutrients in vegetables crop	1	1	-	25	-	20	5	25
Soil testing	Importance of soil health card and how to collect soil samples for soil testing	1	1	10	5	10	20	5	25
Micro nutrients deficiency	Role boron and its importance in vegetables and fruit plant	1	1	10	10	10	15	15	30
Production and use of organic inputs	Preparation of vermin-compost and its use	1	1	-	15	15	20	10	30
Management of problematic soil	Reclamation of problematic soil	1	1	-	25	-	20	5	25
Nutrients use efficiency	Use of urea as foliar application in cereals	1	1	0	0	20	10	10	20

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
LIVESTOCK PRODUCTION & MANAGEMENT									
Backyard Poultry management	Care and management of poultry birds for reducing stress	1	1	10	10	5	11	14	25
Piggery management	Effect of feeding hotel wastage on the live body wt. gain of pigs	1	1	10	10	5	20	5	25
Disease management	Prevention of FMD, Hemorrhagic septicemia and black quarter in cattle and buffalo through vaccination	1	1	5	5	10	13	7	20
Feed and fodder management	Agro technique of maize cultivation for green fodder	1	1	5	5	15	16	9	25
Disease management	Causes and management of mastitis	1	1	5	5	10	13	7	20
Goat management	Upgradation of indigenous goat by beetal buck	1	1	5	5	10	13	7	20
Poultry management	Control of endo /ecto parasite to enhance egg production	1	1	10	10	5	17	8	25
Feed and fodder management	Agro techniques of berseem cultivation	1	1	5	5	15	16	9	25
Disease management	Prevention and control of ecto and endo parasite in goat	1	1	5	5	15	16	9	25
Diary management	Care and management of cattle during and after parturition period	1	1	5	5	15	16	9	25
Piggery management	Measures to control piglet mortality due to low temperature	1	1	10	10	5	19	6	25
HOME SCIENCE									
Herbal medicine	Preparation of herbal ointment & balm	1	1	20	35	10	35	30	65
Value addition	Preparation of mango pickle	1	1	5	5	5	-	15	15
Health and hygiene	Prevention of water born disease by using Janta Water filter.	1	1	7	7	6	-	20	20
	Importance of personal hygiene	1	1	7	7	6	-	20	20

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Health and hygiene	Prevention, identification and management of water born disease	1	1	5	10	10	10	15	25
Household food security by nutritional gardening	Nutrition value of vegetables and layout of nutritional garden	1	1	-	20	-	-	20	20
Design & development for high nutrient efficiency diet	Preparation of homemade food supplement from locally available grains & pulses	1	1	7	7	6	-	20	20
Value addition	Preparation of tomato pickle	1	1	7	7	6	-	20	20
	Preparation of Mahua pickle	1	1	6	7	7	-	20	20
Herbal medicines	Identification of locally available herbal plants and preparing tonic & ointments	1	1	5	10	10	10	15	25
Income Generation	Preparing candles with different designs	1	1	7	8	10	12	13	25
MUSHROOM									
Mushroom Production	Milky mushroom cultivation	2	1	10	8	12	18	12	30
	Oyster mushroom cultivation	1	1	7	10	-	10	7	17
Mushroom unit management	Time & economic importance of mushroom	1	1	14	3	8	15	10	25
Mushroom Production	Oyster mushroom cultivation	1	1	5	5	5	15	-	15
	Total	69		443	477	742	1014	648	1662

RURAL YOUTH

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
HORTICULTURE									
Plant propagation technique	Plant propagation technique in fruit plants	1	30	5	5	15	16	9	25
LIVESTOCK PRODUCTION & MANAGEMENT									
Diary management	Management of Dairy farming	1	5	5	5	10	20	-	20
Goat management	Care and management of goat farming	1	5	5	5	10	20	-	20
HOME SCIENCE									
Value addition	Different designs of blouse making	1	5	7	7	6	-	20	20
Value addition	Preparation of pickle, jam squash with surplus mangoes	1	5	7	7	6	-	20	20
Income generation	Preparing of white phynle, washing soap, bathing soap, detergent powder, candle, agarbati making	1	5	10	10	10	15	15	30
Income generation	Preparation of detergent powder, bathing soap, washing soap, white phynle & candle making	1	5	10	10	10	15	15	30
Value addition	Preparation of pickles and jelly, jam with available fruits and vegetables	1	5	6	7	7	-	20	20
MUSHROOM									
Mushroom cultivation	Button mushroom cultivation by long method	1	30	4	5	11	17	3	20
	Milky mushroom cultivation	1	6	5	5	10	20	-	20
	Oyster mushroom cultivation	1	3	4	5	11	17	3	20
	Oyster mushroom cultivation with chemical method	1	5	5	5	5	15	-	15
Total		12		73	76	111	155	105	260

Extension Functionaries

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
CROP PRODUCTION									
Use of farm implements	Importance of plastic drum seeder field preparation, sowing technique by plastic drum seeder for paddy cultivation	1	1	4	4	22	26	4	30
Integrated crop management	Nursery bed preparation for raising seedlings of transplanted paddy in SRI technique of paddy cultivation	1	2	2	3	15	20	-	20
	Seed bed preparation and line transplanting of paddy seedlings at proper spacing in SRI technique of paddy cultivation	1	1	4	5	11	17	3	20
Integrated farm implement	Seed treatment and sowing technique in SRI in wheat	1	1	17	3	5	18	7	25
HORTICULTURE									
Export potential fruits	Remedial measures to overcome alternate / biennial bearing problems in mango	1	1	5	5	15	16	9	25
Exotic crops	Vermicompost preparation and its application for production of exotic vegetables	1	1	6	6	18	20	10	30
SOIL SCIENCE									
Soil testing	Importance of soil health card and how to collect grid based soil samples for soil testing	1	1	7	8	15	20	10	30
INM	Integrated nutrients management in vegetables crops	1	1	-	10	20	15	15	30

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
Production and use of organic inputs	Organic farming techniques and importance	1	1	-	10	20	30	-	30
Nutrients management	Effect of boron and potassium on growth and yield of carrot	1	1	10	10	10	15	15	30
LIVESTOCK PRODUCTION & MANAGEMENT									
Poultry management	Backyard poultry strains, care and management under free range system	1	1	5	5	10	20	-	20
	Total	11		60	69	161	217	73	290

(d) Sponsored (ON)

Thematic area	Title	No. of Course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
LIVESTOCK PRODUCTION & MANAGEMENT									
Piggery Management	Scientific management of pig	1	5	10	5	5	20	-	20
	Total	1		10	5	5	20	-	20

(e) Vocational

Thematic area	Title	No. of course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
HORTICULTURE									
Plant propagation technique	Gardeners' Training	1	60	5	5	15	16	9	25
LIVESTOCK PRODUCTION AND MANAGEMENT									
Dairy management	Care and Management of dairy farming	1	5	10	5	5	20	-	20

HOME SCIENCE									
Income generation	Dress designing	1	90	15	15	10	-	40	40
		3		30	25	30	36	49	85

(f) Skilled training

Thematic area	Title	No. of course	Duration / Days per course	No. of participants					
				SC	ST	O	M	W	Total
LIVESTOCK PRODUCTION & MANAGEMENT									
Poultry farming	Scientific management of broilers farming	1	12	5	5	5	10	5	15
Goat management	Scientific management of goat farming	1	12	5	5	5	10	5	15
HOME SCIENCE									
Income generation	Different type of cloth bag making	1	8	7	8	10	-	25	25
Value addition	Pickle, jelly, jam preparation with surplus fruits and vegetables	1	8	5	5	5	-	15	15
	Total	4		22	23	25	20	50	70

4. Frontline Demonstration

Season	Crop	Variety/Technology	No. of demonstration	No. of area (ha)
Oilseed				
Kharif 19	Groundnut	K- 68	6	1.0
Pulse				
Kharif 2019	Redgram	ICPL 87119 (ASHA)	12	2.0
Rabi 19-20	Chickpea	Jaki 92-18	6	1.0
Summer 2020	Greengram	IPM 2-3	6	1.0
	Blackgram	Uttra	6	1.0
Cereals				
Kharif 2019	Midland Paddy	IR 64 (DRT -1)	6	1.0
Kharif 2019	Paddy (Plastic drum seeder)	Sahbhagi	10	2.0
Vegetables				
Rabi 2019-20	Broccoli	Green star	25	0.4
	Cauliflower	Pusa Katki	25	0.4
	Tomato	Arka Rakshak/Swarn Lalima	25	0.4
Rabi 2019-2020	Potato	Kufery Kanchan (Effect Poultry manure on productivity of	20	0.32 ha

		potato)		
	Carrot	Nangoo seeds (Effect of boron and potassium on yield and growth of carrot)	25	0.40 ha
Rabi 2019-20	Leafy vegetables (Spinach, Methi, Amranthus) & Tomato (Value addition	10	200m ²
Fodder				
Rabi 2019-20	Berseem	Mascavi	2	0.40 ha
	Napier	Hybrid napier	2	0.067 ha

Nutritional Garden				
Season	Crop	Variety	No. of farmers	Area
Kharif 2019	Carrot, Okra, Cowpea, chilli	Early Nantes, Anjali, Kasi Kanchan, Swarn prafula	20	200 m ²
	Moringa Papaya, Butter fruit	PKM-1, Red lady, Avocado Persima		

Livestock

Season	Enterprise	Breed	No. of demonstration	No. of animals / birds
Round the year	Management of piglets during pre weaning period with iron injection	T & D	20	200
Round the year	Control of PPR in goat		150	400
Round the year	Control of FMD in Cattle		20	200

5. Seed and planting materials production

Seed				Planting material	
Type of seed	Crop	Variety	Area(ha)	Crop	Nos
Foundation	Paddy	IR 64 (DRT 1)	2.0	Mango	5000
Foundation	Paddy	Sahabhagi	2.0	Guava	750
Foundation	Paddy	Abhishek	1.0	Litchi	1000
Foundation	Paddy	Navin	1.0	Avocado	300
Foundation	Paddy	Lalat	1.0	Papaya	10000
Foundation	Niger	Birsa Niger – 1	0.5	Tomato	5000
Foundation	Greengram	Pusa Vishal	0.5	Brinjal	2500
Foundation	Wheat	HUW 468/CBW 38 / DBW 39	3.0	Chilli	2000
Foundation	Gram	JAKI 92- 18	2.0	Capsicum	1000
Foundation	Mustard	NRCHB 101	2.0	Cauliflower	3000
Foundation	Blackgram	Uttra	5.0	Cabbage	3000
				Broccoli	1000
				Cucurbits	2500
				Moringa	500 nos

				African Marigold	3 kg
				Elephant foot yam	500 kg
				Vermicompost	500 quintals
				Earthworms	500000 nos
				Azola	50 kg
				BGA	20 kg

Livestock Production:

1. Production of Improved goat : 20 nos
2. Backyard poultry production : 1000 nos

6. Extension Activities

Activities	No.	Participants
Field Day	18	595
Kisan Gosthi	12	600
Diagnostic service	0	0
i. Scientist visit to farmers field	81	1175
ii. Farmers visit to KVK farm	42	875
Method Demonstration	4	120
Farmers seminar	5	150
Advisory service	123	785
Farmers Group meeting	26	630
Lectures delivered as resource persons	22	760
Animal health camp	5	0
Vaccination camp	5	0
Kharif crop workshop	1	200
Rabi crop workshop	1	150
Ex-trainees Sammelan	2	260
Soil health Camp	4	100
Soil test campaigns	5	125
Radio talk	23	0
T.V	7	0
Exposure visit	4	120
Farmers interaction programme	4	260
Kisan mela	1	175
Women in Agril. Day	1	0
Technology week	1	800
International women's day	1	250
Soil health day	1	125
Total	399	8255

7. On farm trials to be conducted

S.No.	Thematic area	Title	Treatments		No. of trials
1	Resource conservation practices	Effect of Resource conservation technology on growth and yield of rice (variety IR 64 DRT-1)	Farmers Practice (FP)	Puddled transplanting	10
			Technical Option - 1	Unpuddled transplanting	
			Technical Option – II	Direct seeded rice	
2	Soil moisture conserve by residue management	Resource Conservation Practices in Chickpea in Rice Chickpea system	Farmers Practice (FP)	Conventional Practice	10
			Technical Option - 1	Zero tillage + Standing Stubble	
			Technical Option – II	Dibbling + Standing Stubble	
3	Weed Management	Assessment of different pre emergence herbicides for controlling weeds in the early cauliflower	Farmers Practice (FP)	Hand weeding (3 - 4 times) in early cauliflower	15
			Technical Option - 1	Pre transplant surface application of Fluchloralin @ 1.5 lit /ha followed by two hand weedings	
			Technical Option – II	Pre transplant surface application of Pendimethalin @ 1lit /ha followed by one or two hand weedings	
4	Plant Growth Regulator	Assessment of proper doses of Gibberallic acid on fruit Set during off season (September) in annual Moringa	Farmers Practice (FP)	Foliar application of Planofix 1 ml/ 4.5 litre of water	15
			Technical Option - 1	Foliar application of Gibberellic acid @ 10 ppm (1gm/100 litre)	
			Technical Option – II	Foliar application of Gibberellic acid @ 20 ppm (2gm/100 litre)	
5	Backyard Poultry Production	Evaluation of Improved variety Dual purpose Backyard Poultry birds among Rural women”	Farmers Practice (FP)	Local Breeds	10
			Technical Option - 1	Jharsim birds of 2 weeks old	
			Technical Option – II	Vanaraja Birds of 2 weeks old	
			Technical Option – III	Divyayan Red of 2 week old	

S.No.	Thematic area	Title	Treatments		No. of trials
6	Animal health Management	Assessment of efficacy of Deltamethrin, Amitraz and Ivermectin in treatment of Ecto-parasitic infestation in crossbred cattle	Farmers Practice (FP)	Use of Deltamethrin (2.8%w/w)	3
			Technical Option - 1	External application of Amitraz (12.5% w/v) @3ml/litre water at monthly interval	
			Technical Option – II	Ivermectin (3.1% W/V) S/C injection @ 1 ml /40 kg B.wt/ once in three months	
7	Nutrient Management	Assessment of graded levels of zinc and boron on productivity of paddy crop	Farmers Practice (FP)	80 kg Nitrogen, 50 kg P ₂ O ₅ phosphorus and 30 kg K ₂ O	20
			Technical Option - 1	RDF + 20 kg Zinc sulphate + 4 kg Granubor (Borex)	
			Technical Option – II	RDF + 20 kg Zinc sulphate	
8	Nutrition use efficiency	Assessment of foliar nutrition on growth, yield and quality of chickpea	Farmers Practice (FP)	RDF + No foliar application of liquid fertilizer	21
			Technical Option - 1	RDF + 19:19:19: @ 1.0% at vegetative stage +00:52 :34 @1.0 % at flowering stage+ 13:00 :45@1.0 % pod formation stage	
			Technical Option – II	RDF + 19:19:19: @ 1.0% at vegetative stage , flowering stage and Pod formation stage.	
9	Design and development of high nutrient efficiency diet	Assessment of the effect of food supplement in controlling Anemia on children (6 month to 5 yrs)	Farmers Practice (FP)	Inadequate dietary pattern low intake of nutritional food	9
			Technical Option - 1	Avocado (Persia Americana 50 gm + Moringa powder 10 gram + sugar 10 gm once a day for 3 month	
			Technical Option – II	Moringa oleifera (drum stick leaves) Powder + Dal 20 gm once a day for 3 months	
10	Design and development of high nutrient efficiency diet	Balance supplement for increase of hemoglobin formation and body weight in women	Farmers practice	Inadequate dietary pattern low intake of iron, vitamins etc	15
			Technical Option - I	Supplementary food supplementation of iron acquired food (sprouted bengal gram 30 gms daily in two divided dose for 3 months)	
			Technical Option – II	Supplementary food - supplementation of iron acquired foods (Soak and prepare soya bean nut) 30 gms per day for 3 months	

8. List of projects to be completed

Name of the Project	Fund expected (Rs.) (lakhs)
Improvement of livelihood through farming system model in Eastern Plateau and his Agro climatic zone – P.I	-

9. No. of success stories to be developed

Dairy farming	:	1 no.
Goat farming	:	1 no.
Piggery	:	1 no.
Broiler farming	:	1 no.
Vegetable farming	:	1 no.
Dress designing	:	1 no.
Nutrient management	:	1 no.
Seed Production	:	1 no.

10. Scientific Advisory Committee

Date of SAC meeting held during 2018 – 19	Proposed date 2019 - 2020
23.4.2018	

11. Soil and water testing

	No. of samples to be analyzed
Soil sample	1000 nos.

12. Staff position

Sanctioned	In position	If vacant, since when
Senior Scientist and Head	Dr. R. K. Singh	-
SMS	Dr. Prashant Verma	
SMS	Sr. Alma	-
SMS	Mr. Manoj Kumar Singh	-
SMS	Dr. Sanjeev Kumar Singh	-
SMS	Dr. Satendra Lal Yadav	
SMS	-	October 2018
Programme Asst.	Mr. Dineshwar Rai	-
Programme Assistant (Computer)	Sr. Phulmanti Nagesia	-
Farm Manager/ Office Clerk *1	Mrs. Muktilata Ekka	-
Office Suptd-cum-Accountant.	Sr. Asha Tigga	-
Jr. Stenographer	Mrs. Adelaide Patricia Xalxo	-
Driver/ Store Keeper cum typist *2	Mr. Anuj Kumar	-
Driver	Mr. Micheal Sandil	-
Skilled Supporting Staff	Mr. Francis Tudu	-
Skilled Supporting Staff	Mr. Prakash Bara	-
District Agro-Met units (DAMUs)		
SMS	Dr. Sima Kumari	-
Agromet Observer	Mr. Abhay Kumar	-

*1 and *2 As old KVK with existing staff as per old staff pattern