ACTION PLAN (2024-25)











Presented by
Dr. C.K. Deka
Sr. Scientist &Head

KRISHI VIGYAN KENDRA, CHIRANG
ASSAM AGRICULTURAL UNIVERSITY
KAJALGAON

Action taken report (2023-24)

Action suggested	Action taken
In case of OFT on “Performance of Pendimenthalin in weed management of Kharif blackgram”, it was proposed to include Butachlor along with pendimenthalin as another treatment	As per suggestion Butachlor along with pendimenthalin was included in the said OFT.

District Features

- **Agro climatic zone (s)** : **Lower** Brahmaputra Valley Zone
- **No. of Villages** : 483
- **No. of Holdings** : 75542
- **Geographical area(ha)** : 99705.06
- **Gross cropped area (ha)** : 93361 ha
- **Area under irrigation (%)** : 10280 ha, 20%
- **Sources of irrigation** : Natural Stream (Dong), Solar Irrigation
- **Major Soil types** : New and old alluvial soils
- **Major crops in Rabi** : Vegetables, Rapeseed, Lentil. Niger, Buckwheat
- **Major crops in Kharif** : Rice, Jute, Sesame, Blackgram
- **Major Livestock details** : Dairy, Piggery, Poultry, Goatery

Present Staff position

Sl. No.	Name	Designation	Discipline	Vacant
1	Dr. Chandan Kumar Deka	SS & Head	Agril. Extension	
2	Mr. Mahesh Kalita	SMS	Agronomy	
3	Ms. Mandakini Bhagawati	SMS	Horticulture	
4	Dr Rajeev Bhandar Kayastha	SMS	Animal Science	
5	Ms. Juri Talukdar	SMS	Plant Pathology	
6	Mr. Poran Kishore Dutta	SMS	Soil Science	
		SMS		Vacant
8	Mr. Ratul Das	Farm Manager	PBG	
9	Mr Sailen Talukdar	Programme Assistant	Crop Phy.	
10	Mr. Mridul Kr. Haloi	Programme Assistant (Computer)		
		OSA		Vacant
10	Mr. Mrinmoy Jyoti Dutta	Comp. Operator cum Steno	-	
11	Mr. Lakhiram Brahma	Driver cum Mechanic	-	
12	Mr. Sanju Boro	Driver cum Mechanic	-	
13	Mr. Jitul Das	Grade - IV	-	
14	Mr. Dipak Sarma	Grade IV		

Summary of On Firm Trial

Discipline	No of Technology	No of farmer
Agronomy	3	9
Horticulture	2	6
Plant Protection	3	9
Soil Science	2	6
Animal Science	2	6
Total	**12**	**36**

On Farm Trial

(Discipline: Agronomy) 1st Year

Thematic area		Varietal evaluation
Title of OFT	:	Performance of newly developed purple rice variety "Labanya" in Chirang district
Problem diagnosed	:	Lack of high yielding biofortified rice variety
Technology details	:	Variety: Labanya Crop duration: 145-150 days Yield: 45-50 q/ha Salient feature: Aromatic with low Glycemic index
Year of release	:	AAU, 2022
Treatments & check	:	T_1 : Variety Labanya with RDF (@ N: P_2O_5: K_2O:: 60:20:40 kg/ha) T_2 : Black rice (check)
No. of demo	:	03 (three)
No. of farmers	:	03 (three) Area: 0.39 ha
Parameters of assessment	:	Dates of sowing, transplanting and harvesting, plant height, No of panicle/hill, no of grain/panicle, test weight, yield and economics, farmers' feedback

On Farm Trial

(Discipline: Agronomy) 1st Year

Thematic area		Varietal evaluation
Title of OFT	:	Performance of new high yielding *Sali* rice variety "Prachur" in Chirang district
Problem diagnosed	:	Lack of high yielding fine grain rice variety
Technology details	:	Variety: Prachur Crop duration: 150-155 days Yield: 60-65 q/ha Yield advantage: 11% over Ranjit Salient feature: Fine grained
Year of release	:	AAU, 2023
Treatments & check	:	T_1 : Variety Prachur with RDF (@ N: P_2O_5: K_2O:: 60:20:40 kg/ha) T_2 : Ranjit (check)
No. of demo	:	03 (three)
No. of farmers	:	03 (three) Area: 0.39 ha
Parameters of assessment	:	Dates of sowing, transplanting and harvesting, plant height, No of panicle/hill, no of grain/panicle, test weight, yield and economics, farmers' feedback

On Farm Trial

(Discipline: Agronomy) **1st year**

Thematic area		Varietal evaluation
Title of OFT	:	Performance of new submergence tolerant *Sali* rice variety "Dholi" (AAU-TTB-Dhan-40) in Chirang district
Problem diagnosed	:	Lack of medium duration submergence tolerant rice variety.
Technology details	:	Variety: Dholi Crop duration: 130 days Yield: 50-55 q/ha Advantage in crop duration over Ranjit: 25 days Salient feature: Submergence tolerant
Year of release	:	AAU, 2019
Treatments & check	:	T_1 : Variety Dholi with RDF (@ N: P_2O_5: K_2O:: 60:20:40 kg/ha) T_2 : Ranjit (check)
No. of trials	:	03 (three)
No. of farmers	:	03 (three) Area: 0.39 ha
Parameters of assessment	:	Dates of sowing, transplanting and harvesting, plant height, No of panicle/hill, no of grain/panicle, test weight, yield and economics, farmers' feedback

On Farm Trial

(Discipline: Horticulture)

2nd year

Thematic area	:	Varietal Assessment
Title of OFT	:	Comparative assessment of early maturing watermelon varieties Arka Shyama and Red Chief in farmers' field
Problem diagnosed	:	Farmers face huge loss when rain coincides with harvesting period.
Technology details	:	No of assessed varieties: 2 (Arka Shyama & Red Chief), No of check variety: 1 (NS-34) Area: 0.13 ha, Total no of farmers:3 Sowing time: Dec-Jan, Seed rate: 0.5 kg/ha, Fertilizer rate: 60:40:60 kg N:P:K/ha
Source & Year of release	:	IIHR, Bangalore, 2020
Treatments & check	:	T_1: Arka Shyama T_2: Red Chief T_3: NS-34(check)
No. of trials	:	3
No. of farmers	:	3
Parameters of assessment	:	Days to 1st flowering, days to 1st harvesting, No of fruits/plant, average fruit weight, Yield, Disease and pest incidence, Production Economics



On Farm Trial

(Discipline: Horticulture)

1st Year

Thematic area	:	Varietal Assessment
Title of OFT	:	Performance assessment of early maturing ridge gourd varieties Arka Prasan and Arka Vikram in Chirang district for higher productivity
Problem diagnosed	:	Local varieties are low yielder
Technology details	:	No of assessed varieties: 2 (Arka Prasan and Arka Vikram) No of check variety: 1 (Local variety) Area: 0.39 ha, Total no of farmers:3 Sowing time: Jan-May, Seed rate: 1.5 kg/ha, Spacing: 1.5-2.5m x 60 cm-1.2 m Fertilizer rate: 20:30:20 kg N:P:K/ha
Source & Year of release	:	IIHR, Bangalore, 2016
Treatments & check	:	T_1: Arka Prasan, T_2: Arka Vikram T_3: Local variety (check)
No. of trials	:	3
No. of farmers	:	3
Parameters of assessment	:	Days to 1st flowering, days to 1st harvesting, days to 1st fruit initiation, average fruit yield/plant, Yield, Disease and pest incidence, Production Economics





On Farm Trial

(Discipline: Plant Protection) 1st Year

Thematic area	:	IPM
Title of OFT	:	IPM module for Citrus Insect Pest Management
Problem diagnosed	:	Yield reduction and low fruit quality due to pest infestation
Technology details	:	Crop: Assam lemon, Area: 0.39 ha Application of Dimethoate and lime for trunk borer and bark eating caterpillars, petroleum for citrus butterfly, aphids and citrus psylla during March-April.
Year of release	:	AAU,2018
Treatments & check	:	T_1: (i)Smear the tree trunk up to 1m of height from the base with 50 ml Dimethoate + 2 kg lime/ 10 litres of water for trunk borer and bark eating caterpillars. (ii)Spray 2% Petroleum oil for citrus butterfly, aphids and citrus psylla and tie paddy straw at a height of 1m around the tree trunk T_2: Control
No. of trials	:	3
No. of farmers	:	3
Parameters of assessment	:	Average pest infestation (%), fruit yield (Nos./plant), yield (q/ha), B:C ratio ,Farmers feedback

On Farm Trial

(Discipline: Plant Protection) 2nd year

Thematic area	:	IDM
Title of OFT	:	Management of bacterial wilt in potato
Problem diagnosed	:	Yield loss due to high plant mortality due to bacterial wilt
Technology details	:	Var: Kufri jyoti, Planting time: Oct-January, Area:0.39
Year of release	:	ICAR, New Delhi 2014
Treatments & check	:	T_1: (a)Removal and destruction of infected plant debris including tubers from field (b) Dipping of seed tubers of seed tubers in 0.02 % of streptocycline for 30 min (c) Application of bleaching powder at 12-15 kg/ha in furrow during sowing T_2: Control
No. of trials	:	3
No. of farmers	:	3
Parameters of assessment	:	1. Bacterial wilt(%) 2. Yield attributes 3. B:C ratio 4. Farmers feedback



On Farm Trial

(Discipline: Plant Protection) 2nd Year

Thematic area	:	IPM
Title of OFT	:	Management of Fall Army Worm (*Spodoptera frugiperda*) and Stem borer (*Chilopartellus*) in Maize
Problem diagnosed	:	Severe crop loss due to fall army worm(FAW) infestation and stem borer
Technology details	:	Maize Var : DKC 9165, Planting time:Nov-Feb, Area: 0.39
Year of release	:	AAU 2022
Treatments & check	:	T_1: IPM module comprising of a) Weeding 2times at 15 days interval starting after 15 days of germination b): Application of emamectin benzoate 3% WG + thiamethoxam 12%WG @ 0.1 % followed by application of chlorantraniliprole 18.5 % SC @0.025 % at 7 days interval T_2: Control
No. of trials	:	3
No. of farmers	:	3
Parameters of assessment	:	1. Pest infestation(%) 2. Yield attributes 3. B:C ratio 4. Farmers feedback



On Farm Trial

(Discipline: Soil Science) 2nd Year

Thematic area	:	Nutrient Management.
Title of OFT	:	Application of sulphur and boron in Toria
Problem diagnosed	:	Soil is deficient in secondary and micronutrients
Technology details	:	Application of Boron as basal @1.5 kg/ha and Sulpher @ 20 kg/ha in addition to recommended dose of NPK. Var.- TS-38
Year of release	:	AAU,2021
Treatments & check	:	T_1: Application of Boron as basal @1.5 kg/ha and Sulpher @ 20 kg/ha in addition to recommended dose of NPK. (Urea, DAP, Potash) T_2: Recommended doses of NPK (NPK: 40:35: 15 kg/ha) T_3: Farmers practice
No. of trials	:	3
No. of farmers	:	3
Area		0.39 ha
Parameters of assessment	:	1. Agronomic parameters 2.Yield 3.Soil test parameters 4. Economic Analysis



On Farm Trial

(Discipline: Soil Science) 1st Year

Thematic area	:	Nutrient Management.
Title of OFT	:	Zinc Nutrition in Lentil
Problem diagnosed	:	Soil is deficient in Zinc
Technology details	:	Inoculation of lentil seeds with ZSB @ 50 g/kg and basal application of 15 kg $ZnSO_4$/ha along with recommended dose of NPK, Var.- PL-9
Year of release	:	AAU,2021
Treatments & check	:	T_1: Inoculation of lentil seeds with ZSB @ 50 g/kg and basal application of 15 kg $ZnSO_4$/ha along with recommended dose of NPK T_2: Recommended doses of NPK T_3: Farmers practice
No. of trials	:	3
No. of farmers	:	3
Area	:	0.39 ha
Parameters of assessment	:	1. Agronomic parameters ; 2.Yield; 3.Soil test parameters; 4. Economic Analysis

On Farm Trial

(Discipline: Animal Science) 2nd Yr

Thematic area	:	Cattle - Nutrition Management
Title of OFT	:	Assessment of Feed additives to improve milk quantity and composition in Dairy cattle
Problem diagnosed	:	High cost of milk production, low economic return due to low levels of fat & SNF content in milk
Technology details	:	T_1: Farmers practice (regular feeding of roughages and concentrate feed) T_2: FP + Sodium bicarbonate @ 2% of concentrate mixture (Sodium bicarbonate is supplemented @ 25-30 g/day/animal in addition to regular feeding. Milk yield, fat and SNF content are recorded.) T_3: FP + Sodium Bicarbonate @ 2% of concentrate mixture and Probiotic/Yeast (Sodium bicarbonate @ 25-30g/day/animal and yeast bolus 2 nos /day are supplemented in addition to regular feeding. Milk yield, fat and SNF content are recorded.)
Year of release	:	TANUVAS, 2021
No. of trials	:	3 nos. (3 animals per treatment)
No. of farmers	:	3
Parameters of assessment	:	Milk yield per day/cow, % Fat, % SNF, B:C ratio and Farmers feedback



On Farm Trial

(Discipline: Animal Science)

Thematic area	:	Poultry – Breed Introduction
Title of OFT	:	Rearing of Krishibro as meat type chicken under backyard system of management
Problem diagnosed	:	Low productive performance of desi birds in terms of meat production under backyard system
Technology details	:	T_1: Performance of Krishibro as coloured broiler chicken T_2: Performance of commercial broiler chicken
Year of release	:	ICAR- Directorate of Poultry Research, Hyderabad (2018)
No. of trials	:	3 nos. (50 birds per treatment)
No. of farmers	:	3
Parameters of assessment	:	Weekly Body weight gain, FCR, Mortality %, Dressing % and Farmers feedback

Summary of Front Line Demonstration

Discipline	No of Technology	No of farmer
Agronomy	2	15
Horticulture	4	18
Plant Protection	3	30
Soil Science	2	15
Animal Science	5	29
Crop Physiology	2	6
Total	**18**	**106**

Front Line Demonstration

(Discipline: Agronomy)

Title of FLD	:	Certified seed production of rice variety Numoli through participatory mode
Technology details	:	Variety Numoli with RDF (@ N: P_2O_5: K_2O:: 60:20:40 kg/ha)
No. of demonstrations proposed	:	10 (ten)
No. of farmers	:	10 (ten)
Area (ha)	:	Area: 5 ha
Observations to be recorded	:	Yield attributing characters, yield and economics, farmers' feedback



Front Line Demonstration

(Discipline: Agronomy)

Title of FLD	:	Certified seed production of Rapeseed variety TS -38
Technology details	:	Variety TS-38 with RDF (@ N: P_2O_5: K_2O:: 40:35:15kg/ha)
No. of demonstrations proposed	:	5 (five)
No. of farmers	:	5 (five)
Area (ha)/ No. of animals or birds etc.	:	Area: 2 ha
Observations to be recorded	:	Yield attributing characters, yield and economics, farmers' feedback



Front Line Demonstration

Discipline: Agronomy

Title of FLD	:	Integrated crop management of Buckwheat, Var: Gossaigaon Local
Technology details	:	ICM, Var: Gossaigaon Local
No. of demonstrations proposed	:	5
No. of farmers	:	5
Area (Ha)	:	2.0 ha
Observations to be recorded	:	Plant Height, days to flowering, no. of branch per plant, yield attributes.

Front Line Demonstration

(Discipline: Horticulture)

Title of FLD	:	Popularization of biofortified cauliflower *var.* Carotena in Chirang district
Technology details	:	Crop: Cauliflower Variety: Biofortified carotena variety Source of technology: Package of Horticultural Crops, AAU,2021 Sowing time: Oct Spacing: 60 cm x 60 cm, Fertilizer rate: 80:60:60 kg N:P:K/ha
No. of demonstrations proposed	:	3
No. of farmers	:	3
Area (Ha)		0.13 ha
Observations to be recorded	:	Days to curd formation, days to 1st harvesting, average weight per plant, Yield, Disease and pest incidence, Production Economics



Front Line Demonstration

(Discipline: Horticulture)

Title of FLD	:	Demonstration on integration of Blackpepper in existing Arecanut plantations.
Technology details	:	Crop: Black pepper Variety: Panniyur-1 Source of technology: Package of Horticultural Crops, AAU,2021 Planting time: April- Sept Spacing: 2.75 m x 2.75 m
No. of demonstrations proposed	:	3
No. of farmers	:	3
Area (Ha)		0.39 ha
Observations to be recorded	:	Days to 1st flowering, days to 1st harvesting, Yield, Disease and pest incidence, Production Economics

Front Line Demonstration

(Discipline: Horticulture)

Title of FLD	:	Demonstration on off season production of Assam Lemon in farmers field
Technology details	:	Crop: Assam Lemon (6-7 years old) Variety: Seedless Practices to be followed: •15 cm pruning after the harvest of the main crop •Withholding water in the last week of October •Root exposure for 7-10 days followed by trimming of lateral roots •Three irrigations at 15 days interval @ 15 litre/plant combined with black polythene (50 micron) mulching during 1st week of November
Source of technology	:	HRS,AAU, Kahikuchi
No. of demonstrations	:	10
No. of farmers	:	10
Area		0.13 ha
Observations to be recorded	:	Days to 1st flowering, days to 1st harvesting, No of fruits/plant, Yield, Disease pest incidence, Production Economics

Front Line Demonstration

(Discipline: Horticulture)

Title of FLD	:	Demonstration on Scientific cultivation of Arecanut in Farmers field.
Technology details	:	Source of technology: Package of Horticultural Crops, AAU,2021 Sowing time: April- Oct Spacing: 2.75m x 2.75m
No. of demonstrations proposed	:	2
No. of farmers	:	2
Area (Ha)/ No. of animals or birds etc.		0.26 ha
Observations to be recorded	:	Growth parameters, Yield, Disease and pest incidence, Production Economics

Front Line Demonstration

(Discipline: Plant protection)

Title of FLD	:	Scientific beekeeping for increasing productivity of Toria
Technology details	:	Rearing of Indian honey bee hive (ISI A type) @ 5 Nos./ha crop land or 1no.bee hive/bigha land area . Species: *Apis cerena* Source of technology: AAU 2009
No. of demonstrations proposed	:	10
No. of farmers	:	10
Area (Ha)/ No. of animals or birds etc.		10 unit
Observations to be recorded	:	1.Production of honey (kg) 2.Effect on toria yield(q/ha) 3. Economics 4. B:C 5. Horizontal spread of the technology



Front Line Demonstration

(Discipline: Plant protection)

Title of FLD	:	Scientific cultivation of Oyster mushroom for self Employment
Technology details	:	Season: Sept-March Var: Pleauratus ostreatus Source of technology: AAU 2007
No. of demonstrations proposed (Unit) (100 Cylinder/ unit)	:	5
No. of farmers	:	5
Observations to be recorded	:	1. Yield(kg) 2. Economics 3. B:C ratio 3. Horizontal spread of the technology



Front Line Demonstration

(Discipline: Plant protection)

Title of FLD	:	Rearing performance of Eri silkworm on tapioca leaves for additional income of tribal womens
Technology details	:	80kg of leaves to feed 10 dfls of Eri silkworms ,Crop: Tapioca Source of technology: CSRTI ,Banglore 2019
No. of demonstrations unit proposed	:	10
No. of farmers	:	**10**
Observations to be recorded	:	1.Cocoon production (kg) 2.Pupae production(kg) 3.Eri egg production for next rearing(dfls) 4.Tapioca yield(kg/ha) 4. Economics 5. B:C 6. Horizontal spread of the technology



Front Line Demonstration

(Discipline: Soil Science)

Title of FLD	:	Exploitation of potash solubilizing bacteria in reduction of potassic fertilizers in sali rice.
Technology details	:	NPK @ 60:20:20 (kg/ha) + Microbial consortia of KSB @ 3.5 kg/ha, Var.- Ranjit Sub 1
No. of demonstrations proposed	:	5
No. of farmers	:	5
Area (Ha)		2 ha
Observations to be recorded	:	1. Agronomic parameters; 2. Yield; 3. Soil fertility status 4. Economic analysis.

Front Line Demonstration

(Discipline: Soil Science)

Title of FLD	:	Production of vermicompost in low cost vermicompost unit
Technology details	:	Production of vermicompost.
No. of demonstrations unit proposed	:	10
No. of farmers	:	10
Observations to be recorded	:	1.Time of vermicompost produced; 2. Yield of Earthworms; 3. Yield of vermicompost & 4. B:C ratio



Front Line Demonstration

(Discipline: Animal Science)

Title of FLD	:	White Pekin duck rearing as income generating activity for rural women.
Technology details	:	Source of technolory was Central Poultry Development Organisation and training Institute, Hesaraghatta Bengaluru (2014). White Pekin ducks are genetically superior for weight gain compare to indigenous ducks and therefore considered for meat production. The current FLD will be carried out to evaluate the growth performance of meat type Pekin ducks reared in partial confinement system for 56 days (8 weeks) under controlled feeding with broiler ration.
No. of demonstrations proposed	:	10
No. of farmers	:	10
Area (Ha)/ No. of animals or birds etc.	:	200 nos ducklings
Observations to be recorded	:	Weekly growth rate and feed requirements upto market age of 8 weeks, Feed conversion ratio, Survivability and dressing percentage.



Front Line Demonstration
(Discipline: Animal Science)

Title of FLD	:	Rearing of Assam Hill goat as a successful venture for livelihood improvement.
Technology details	:	Assam Hill Goat is a registered breed from Assam by NBAGR, Karnal, Haryana in the year 2018. Source of technology is from Goat Research Station, Barnihat, C.V.Sc Khanapara. Due to indiscriminate crossbreeding practice with improved goat breed there is dilution of breed characteristics of Assam Hill Goat. The FLD will be carried out to popularize the scientific rearing of Assam Hill Goat among tribal farmers for livelihood security and also to aware farmers the importance of breed conservation of this breed.
No. of demonstrations proposed	:	3
No. of farmers	:	3
No. of animals.	:	12 nos
Observations to be recorded	:	Growth rate, Incidence of twining, Mortality rate of kids, incidence of diseases and economics.



Front Line Demonstration

(Discipline: Animal Science)

Title of FLD	:	Rearing of Srinidhi as dual purpose chicken under backyard system of management.
Technology details	:	Srinidhi is a dual type chicken developed by ICAR- DPR Hyderabad, 2015 which can be reared under backyard system of management. This FLD will be carried out to popularize the suitability of the chicken among rural farmers in terms of egg production as well as meat production.
No. of demonstrations proposed	:	10
No. of farmers	:	10
No. of animals.	:	200 nos
Observations to be recorded	:	Adaptability, Weight gain per month, Age at 1st lay, egg production and B:C ratio.



Front Line Demonstration
(Discipline: Animal Science)

Title of FLD	:	Rearing of non-descript sheep of Assam as income generating activity for rural women.
Technology details	:	Non-descript Sheep of Assam. Exploitation of the production potential of non-descript sheep of Assam by adopting improved husbandry practices which will ultimately increase the income of rural farmers
No. of demonstrations proposed	:	3
No. of farmers	:	3
No. of animals.	:	9 (1 male + 2 Females)
Observations to be recorded	:	Growth parameters, Meat production, Feed conversion ratio, mortality percentage, disease incidence and economics

Front Line Demonstration
(Discipline: Animal Science)

Title of FLD	:	Popularization of piglet production through artificial insemination.
Technology details	:	Semen from a proven boar is artificially collected, evaluated for quality and deposited into the cervix of a receptive sow during estrus period
No. of demonstrations proposed	:	3
No. of farmers	:	3
No. of animals.	:	15 nos gilts/sow
Observations to be recorded	:	Growth performances of AI born piglets, conception rate, Avg. litter size and litter weight at birth and weaning, farmers feedback.

Training programmes

a) Short duration trainings:

Discipline	No. of trainings	Target group (nos. proposed)		
		Farmers/ farm women	RY	EF
Agronomy	11	6	4	1
Plant protection	11	6	4	1
Horticulture	11	7	3	1
Animal Science	11	5	4	2
Soil Science	11	6	4	1
Crop Physiology	4	4	-	-
ICT	6	3	3	-
Total	**65**	**37**	**22**	**6**

b) Vocational training programmes:

Discipline	No. of trainings	Target group (nos. proposed)		
		Farmers/ farm women	RY	EF
Agronomy	1	-	1	-
Plant protection	1	1	-	-
Horticulture	1	1	-	-
Animal Science	1	-	1	-
Soil Science	1	-	1	-
Total	**5**	**2**	**3**	**-**

PROPOSED CLUSTER FRONTLINE DEMONSTRATION

Sl. No.	Crop	Area (ha)
Oilseed Crops:		
1	Sesamum	20
2	Toria	60
Pulse Crops:		
3	Lentil	30
Other crops :		
4	Maize	20
	Total	130

Activities to be taken up in collaboration with Coconut Development Board (CDB)

Sl. No	Activities	Target
1	Establishment of Regional coconut nurseries	Production of 3000 nos of coconut seedlings at KVK farm
2	Area expansion programmes	5000 no of coconut seedlings in farmers field
3	Establishment of organic manure unit	2 nos (One unit at KVK campus and one at farmer’s field)
4	Awareness programmes	2 nos
5	Food training	1 no
6	District level workshop	1 no
7	Field orientation programme	2 nos

Activities proposed for Natural Farming:

Sl No.	Name of the Activity	No.of Programmes
1	Awareness programme for farmers on Natural farming at KVK Campus	2
2	Awareness programme for farmers on Natural farming at Farmers Field	2
3	Training programme for farmers on Natural Farming	2
4	Exposure Visit to Natural farming practicing farmers	1
5	Exhibition cum Kisan Mela on Natural farming	1
6	Demonstration unit on fruit based natural farming model at KVK	1
7	Method Demonstration on Product (input) preparation for natural farming at farmer's field.	4
8	Demonstration of vegetables under Natural Farming at farmer's field.	1

Other Extension Activities:

Extension Activity	No. Proposed	Beneficiaries (No.)		Total
		Farmers	Rural Youth	
Field Days	6	200	50	250
Diagnostic visit	45	150	100	250
Scientist visit to farmer`s field	250	300	100	400
Celebration of important days	9	500	400	900
Method demonstration	10	100	60	160
Kisan Mela/ Exhibition	2	450	350	800
Exposure Visit	2	30	40	70
Farm Science Club Conveners meet	1	5	20	25
SHG Conveners meet	1	5	20	25
Farmers Seminar	1	25	25	50
Ex-Trainees meet	1	5	20	25
Radio Talk	3	-	-	-
Animal health camp	2	60	40	100
Awareness Prog. on Climate Resilient Agriculture	2	60	40	100

Other Extension Activities:

Extension Activity	No. Proposed	Beneficiaries (No.)		Total
		Farmers	Rural Youth	
Advisory /helpline service/ telephonic talk	850	500	350	850
Lecture delivered as resource person	15	500	250	750
News paper coverage	15	-	-	-
Awareness on Swachhta	15	400	200	600
Farmers Scientist Interaction	3	200	100	300
PRA Exercise	2	25	25	50
FPC Promotion	1	50	50	100
SHG- bankers meet	1	15	10	25
Radio Talk	3	-	-	-
TV Programme	1	-	-	-

Revenue generation Activities at KVK farm:

Sl No	Items	Area/ Nos	Apprx. Production	Approx. Value (Rs)
1	**Seed production**			
	Sali paddy (Var. Ranjit Sub-1)FS	0.40 ha	12.0 qt	48000.00
	Sali Paddy (Var: Numali) CS	0.26 ha	7.2 qt	27360.00
	Toria (Var. TS-38)FS	1.0 ha	5.5 qt	60500.00
2	**Planting materials**			
	Arecanut seedlings	4000 nos	4000 nos	120000.00
	Dragon fruit cuttings	500 nos	500 nos	35000.00
	Assam Lemon	3000 nos	3000 nos	90000.00
	Black pepper	2000 nos	2000 nos	30000.00
	Hybrid Napier	20000 nos	20000 nos	15000.00
	Vegetable seedlings	5000 nos	5000 nos	10000.00
3	**Farm Production**			
	Buckwheat	0.40 ha	2.25 qt	9000.00
	Niger	0.40 ha	3.0 qt	12000.00
	Sesamum	0.13 ha	0.75 qt	7500.00
	Potato	0.26 ha	13.0 qt	24000.00
	Dragon fruit	10 kg	10 kg	2500.00
	Assam lemon fruits	1500 nos.	1500 nos	3000.00
	Colocassia	0.065 ha	2.0 qt	5000.00
	Vegetables(Pumpkin, French bean, Chilli, tomato, Cole crops etc)	0.065 ha	-	5000.00

Sl No	Items	Area/ Nos	Apprx. Production	Approx. Value (Rs)
4	**Other production**			
	Vermicompost	100 qt	100 qt	150000.00
	Enriched compost	25 qt	25 qt	75000.00
	Mushroom spawn	10.0 qt	10.0 qt	110000.00
	Fresh mushroom	0.75 qt	0.75 qt	11250.00
	Mushroom Cylinder	50 nos	50 nos	5000.00
5	**Livestock**			
	Poultry (Krishibro etc)	200 nos	300 kg Meat	75000.00
	Goat Kids	15 nos.	15 Nos.	52500.00
	Desi Cow Milk	1 no	200 lit	12000.00
6	**Miscellaneous**			
	Hall rent, Institutional charges	-	50000.00	50000.00
	Total			**1044610.00**









Soil & Water Sample Analysis / Soil Health Cards (SHCs)

Sl. No.	Samples	Nos. of samples targeted	Target of Farmer beneficiaries	Village to be covered	Amount to be realised (Rs.)	SHCs to be issued to farmers (Nos.)
1.	Soil sample	30	250	10	-	250
2.	Water sample	0	0	0	0	0
3.	Plant sample	0	0	0	0	0
	Total	30	250	10	-	250

MOBILE ADVISORY for the year 2024-25

Message type sent	Crop		Livestock		Weather		Marketing		Awareness		Other Enterprise		Total	
	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary
Text only	**30**	**7500**	**20**	**5000**	**10**	**2500**	**10**	**2500**	**10**	**2500**	**10**	**2500**	**90**	**22500**
Voice only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Voice & Text both	-	-	-	-	-	-	-	-	-	-	-	-	-	

Convergence with other organizations/ departments:

Name of organization	Nature of linkage
1. Department of Agriculture, Chirang	i) NAEP on Rabi field crops ii) Technology Mission for Horticultural crops iii) Mission Double Cropping iv) Supply of seed for BGREI programme v) PRA for preparation of SREP, Chirang district vi) Technical support for BGREI programme vii) Association KVK scientist as resource person viii) Programme formulation and execution under CSS-ATMA
2. Directorate of Agriculture, BTC, Kokrajhar	i) Preparation of Impact point for BTAD at Bimonthly Zonal Workshop
3. Department of Veterinary, Chirang	i) Association KVK scientist as resource person ii). Collaborative training programme organization
4. DICC, Chirang	i) Entrepreneurship development through training
5. RSETI, SBI, Kajalgaon	i) Organization of vocational training programmes for self-employment of Rural Youths
6. NABARD	i) Involvement of KVK scientists as resource person in training programmes
7. DRDA	i) Involvement of KVK scientists as resource person in training programmes
8. SIRD, Khanapara	i). Organization of sponsored training programme ii). Association KVK scientist as resource person iii). Carrying out of sponsored action research programme in veterinary
9.Coconut Board, Chirang	i). Organization of sponsored training programme ii). Association KVK scientist as resource person

Convergence with other organizations/ departments:

10. Department of Fishery Science, Chirang	i). Organization of sponsored training programme ii). Association KVK scientist as resource person
11. Petroleum Conservation Research Agency, Ghy.	i). Organization of sponsored training programme ii). Association KVK scientist as resource person iii) Conducting workshop
12.KASS and NASS	i) Organization of training programmes ii) Technology demonstration cum seed production ofMaize,
13. NGO 'SeSTA'	i) Upliftment of rural community through programmes planning, identification of beneficiaries and execution of training, demonstration and awareness programmes ii) Attending the Annual Meeting
14.Friends of Coconut	i) Organizing Training programme ii) Act as resource person iii) Extension support
15. Anjali SHG	i) Organizing training and demonstration programmes for economic upliftment of SHGs ii) FLD Programme on oilseed and pulse crop
16. Rosy SHG	
17. Bornali SHG	
18. Fungbeli SHG	
19. Wildlife Trust of India	i). Collaborative training to the extension functionaries
20. PPVFR Authority	i). Collaborative awareness cum training programme on PPV&FR Act 2001
20. SSB, Banduguri, Chirang	Collaborative awareness cum training programme.
21. Indo Global Social Service Society	Collaborative HRD programme
22. Bongaigaon Gana Seva Society	Delivered lecture as resource person.

Convergence with other organizations/ departments:

23. Luthern World Service India Trust	Delivered lecture as resource person in awareness programme on Scientific cultivation of field crops.
24. Livelihood Mission Trust	Collaborative interaction of KVK for livelihood generating activity
25. Jagaran NGO	Delivered lecture as resource person.
26. Ramdhenu Social Development NGO	Delivered lecture as resource person.

Other Activities:

- Demonstration of Kitchen Garden in School : 5 Nos
- No. of PRA survey to be conducted during 2024-25 : 02
- Village adoption plan during 2024-25 : 2 nos

Externally Funded Projects

Sl. No.	Crop	Amount (Rs in Lakhs)
3	Scientific Intervention in Modern Goat Farming practices under rural No farm sector under LEDP funded by NABARD	723200.00

Publications proposed

Sl. No.	Type of publication	Number
1	Research paper	2
2	Abstract	5
3	Chapter of Book	2
4	Training Manual	5
5	Bulletin	10
6	Newspaper article	15

Extension Videos to be developed

Sl. No.	Type of publication	Number
1	Extension Training Video	2
2	Success story video	2
3	Any other	-


Thank you