KRISHI VIGYAN KENDRA - EAST SIANG

CENTRAL AGRICULTURAL UNIVERSITY, IMPHAL

CHF, PASIGHAT, ARUNACHAL PRADESH

Geographical Location : Lat N 28° 4' 26.35752"
Long E 95° 19' 28.22"

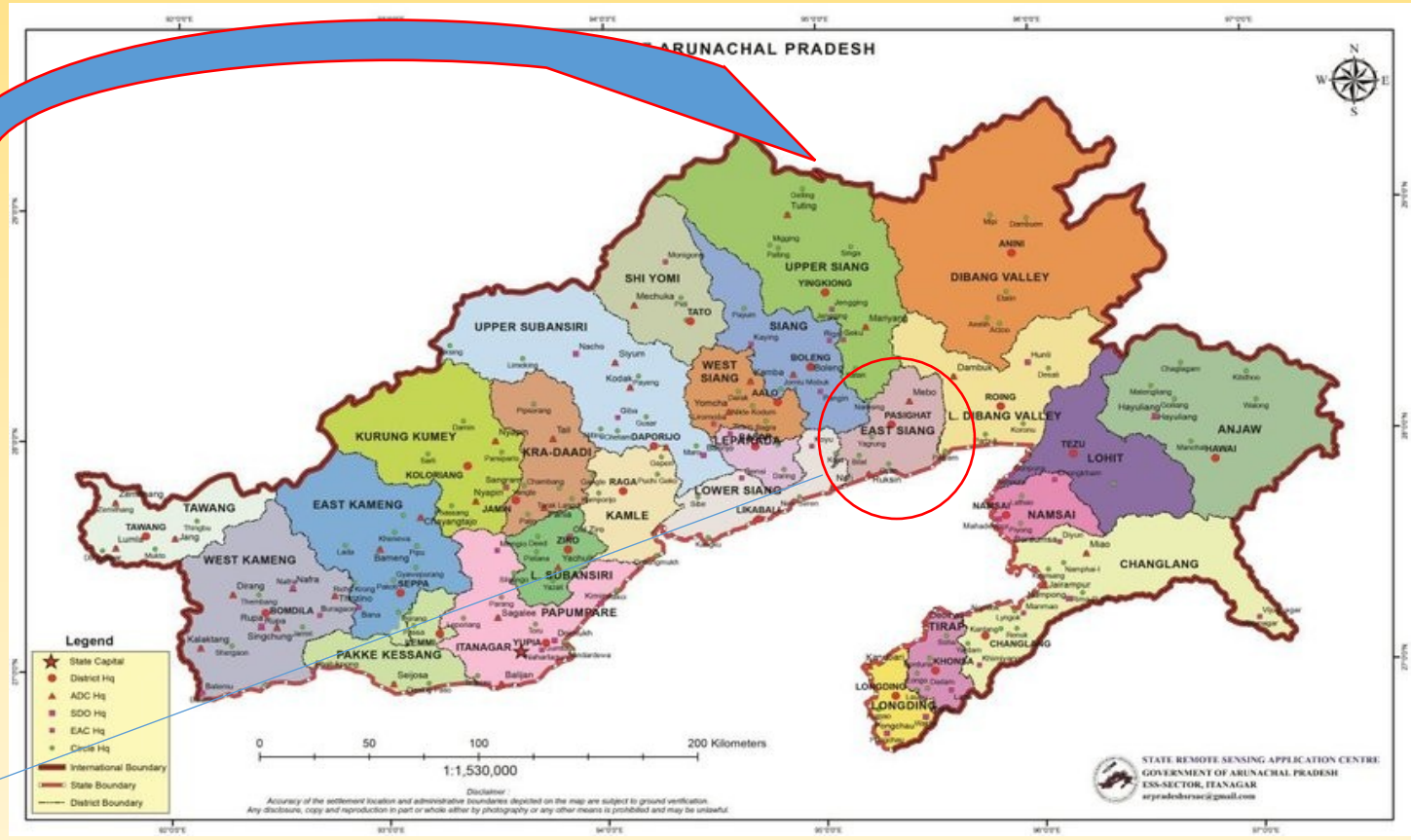
Presented by

Dr Brijendra Singh Rajawat
Principal Scientist & Head

CAU-Krishi Vigyan Kendra, East Siang District
College of Horticulture & Forestry
Pasighat, Arunachal Pradesh-791102
(Establishment Year: 2006)

ANNUAL ACTION PLAN

2025



Total geographical area of the district :4,005 km²
No. of sub-division :03
No. of development block :08
Total No. of Village :78
Total Population : 70,956 (2011 Census)

- Altitude between 130 MSL to 2000 MSL

District Features

Sl. No.	Particulars	Area (Ha)
1.	Geographical Area	4,00,500
2.	Cultivable area	40,920
3.	Forest Area	2,27,850
4.	Land under non- agricultural use	2,530
5.	Net cropped area	21,440

Sl. No.	Farming systems prevailing in the District
1	Agriculture- Animal Husbandry- Horticulture
2	Agriculture- Animal Husbandry- Horticulture-Fishery
3	Agriculture- Animal Husbandry- Forestry

Sl. No	Agro-climatic Zone	Characteristics
1.	Tropical	Plain regions
2.	Hot and humid Sub- topical	Foot hills region
3.	Hot and humid Sub- temperate	Medium hill to high hill regions

AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS CULTIVATED IN THE DISTRICT

S. No.	Crop	Area (ha)	Production (Q.)	Productivity (Q. /ha)
1.	Paddy	14441	40146	27.80
2.	Maize	4899	1402	20.20
3.	Millet	1402	1654	11.38
4.	Pulses	791	710	8.98
5.	Oil seeds	3118	2933	9.41
6.	Potato	499	3439	68.92
7.	Ginger	674	4931	73.16
8.	Vegetables	1073	7287	67.91
9.	Turmeric	137	632	46.13
10.	Jackfruit	70.07	9303	132.76
11.	Spices and chillies	201	602	29.95
12.	Sugarcane	184	7070	384.24
13.	Others crop	1440	2033	14.12

District Statistical Handbook of East Siang District 2022-23

AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS CULTIVATED IN THE DISTRICT

S. No.	Crop	Area (ha)	Production (Q.)	Productivity (Q. /ha)
1.	Orange	3189.1	33.68	94.68
2.	Areca nut	1305.4	45.8	28.5
3.	Pineapple	516.1	153.8	3.35
4.	Banana	443.5	128.6	3.44
7.	Jack Fruit	200.6	52.2	3.84
8.	Papaya	102.5	40.8	2.51
9.	Lemon	122.3	12.4	9.86
10.	Litchi	2.7	43.09	0.06
11.	Mango	56.4	8.25	6.83
12.	Guava	11.8	6.64	1.77
13.	Black Pepper	4.15	0.3	13.83
14.	Dragon Fruit	2.25	3	0.75
15.	Large Cardamon	0.5	0.5	1
16.	Coconut	41.3	12.8	3.22
17	Tomato	5.2	45	0.11
18	Brinjal	124.1	42	2.95
19	Pumpkin	151.6	45	3.36

District Statistical Handbook of East Siang District 2022-23

Details of Villages to be covered in the KVK District

Sl. No.	Total No of Villages in the District	Total No. of Villages to be covered by KVK with interventions	% of Villages Covered
1.	78	60	76.92

INFRASTRUCTURE FACILITIES

Sl. No.	Infra-structure facility	Present Status			Remarks (including quantity and quality at present)
		Existing/ Constructed	On-going	New proposal	
1.	Administrative building	01	-	-	ATIC cum KVK building
2.	Staff Quarters	-	-	New proposal	12th Plan EFC
3.	Farmers' hostel	-	-	New proposal	12th Plan EFC
4.	Demonstration Units	15	-	-	Different 15 Demo Units
5.	Fencing/boundary wall	-	-	New proposal	12th Plan EFC
6.	Any other	01	-	-	IFS model

PRESENT STAFF POSITION

Name of the Post	Status	Remarks
Principal Scientist & Head	**01-Filled**	**--**
Subject Mater Specialist	**05 on duty, 01 St. Leave**	**--**
Programme Assistant (Ag.)	**01-Filled**	**--**
Farm Manager	**01-Filled**	**--**
Driver	**02-Filled**	**--**
Supporting Staff / MTS	**02-Filled**	**--**
Prog. Assistant (Computer)	**01-Vacant**	**Vacant**
Account Assistant	**01- Vacant**	**Vacant Since inception**
Stenographer	**01- Vacant**	**Vacant Since inception**

Achievements

- **Popularized Sesame var. SHT-1 covering more than 100 ha area in tribal villages of the district.**
- **Popularized Toria var. TS-38 after Rice covering more than 150 ha area in tribal villages of the district.**
- **Popularization of Agriculture Drone.**
- **Popularization of Soybean var. JS-20-116 covering than 50 ha area in tribal villages of the district.**
- **Generated >5.5 lakh revenue**

DEMONSTRATION UNIT AT KVK EAST SIANG

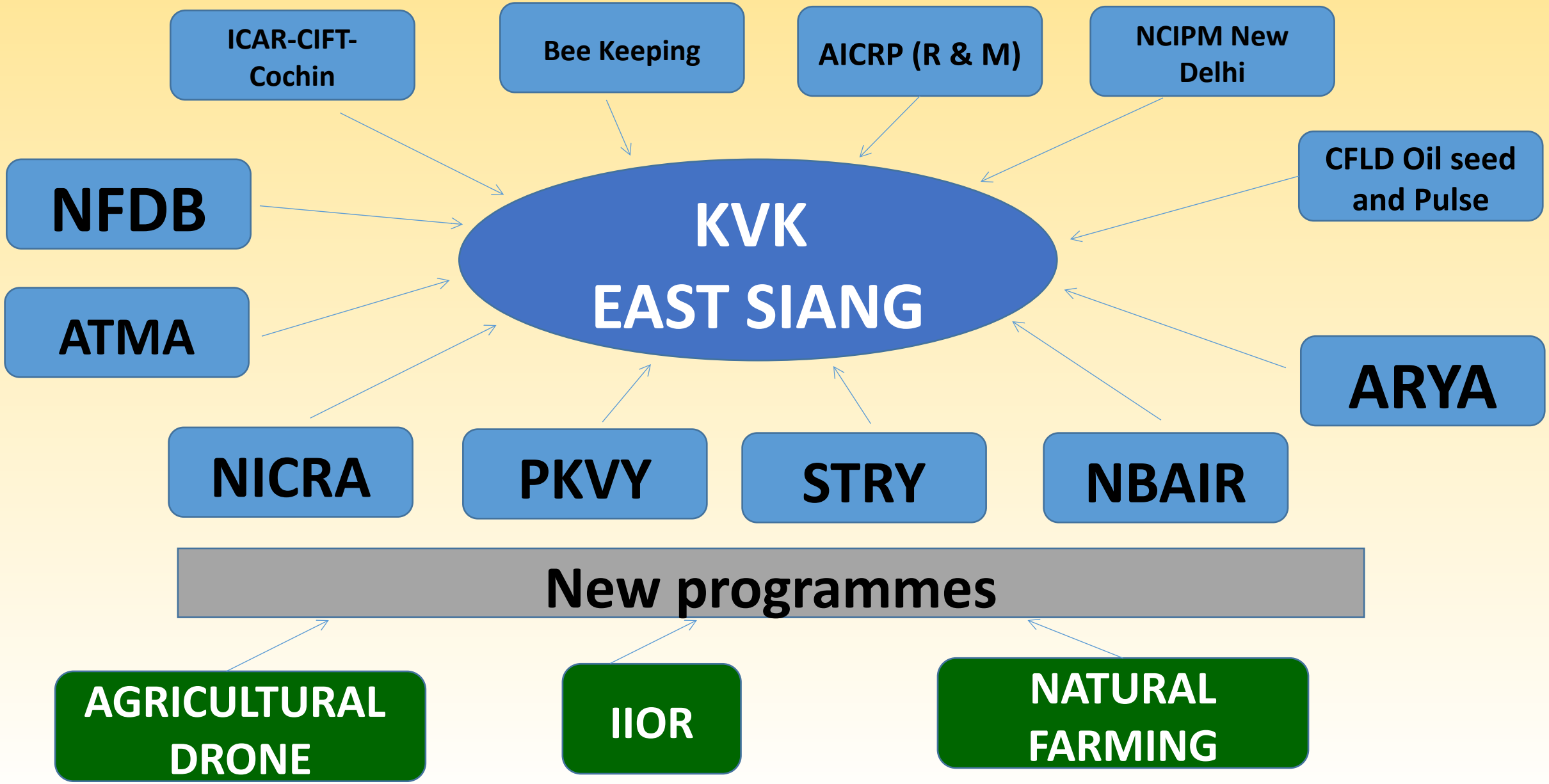
1. IFS Model (includes poultry, piggery, duckery, vermicompost, fish pond cum rain water harvesting unit)
2. Natural Farming Unit
3. Shade-Net House Unit
4. Organic Litchi cum Mango Orchard Unit
5. Crop Cafeteria
6. Mini Oil Speller Unit
7. Mini Feed Mixing Unit
8. Custom Hiring Center
9. Nutritional Kitchen Garden
10. Dairy Unit
11. Azolla Unit
12. Water Harvesting Unit
13. Bio-diversity cum Eco Tourism Unit
14. Fish Smoking Kiln Unit
15. Museum of Technology Models

IFS MODEL DEVELOPED AT CAU-KVK, CHF, PASIGHAT, EAST SIANG

MAJOR ACTIVITIES

- Technology dissemination through technology assessment , demonstration and training.
- Capacity building and skill development.
- Promotion of Farmers' Producers Organization.
- Seed and planting material production.
- SWACHHATA ABHIYAN - *One Step towards cleanliness.*
- Soil Health Cards – for soil health management.
- Promotion of SHGs.
- Involving Youth in Agriculture.
- Custom Hiring Centre.
- Application of IT in Agriculture (M4Agri.)
- Promotion and utilization of underutilized crop (buckwheat, job's tear, ber, some local vegetables).
- Promotion of millet cultivation and preparation of value -added product.
- Study on Climate Resilient Agriculture.

DIFFERENT PROGRAMMES OF KVK EAST SIANG

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DISTRICT MAP
OF
EAST SIANG
Aohali
Siluk
Bodak
Siku Camp
Mebo
Ayeng
Renging
Mottum
Sigar
Ralling
Ngopok
Kyit
Pasighat
Balek
Yagrung
Napit
Borguli
Tekang
Runne
Takilalung
Sibut
Seram
Rani
Berung
Mirem
Miglung
Rina
Koyu village
Sipu Kakki
Sido
Koyu
Rotte
Doge Kakki
Tene
Ledum
Bamin
Remi
Padam/ Sogan
Loglu
Sika-Todo
Mikong
Kadu
Bilat
Sille
Namsing
Kora
Sika-Bamin
Saku
Niglok
Sille
Lipin
Mane
Jampam
Gadum
Ngorlung
Tabiripo
Lingsa
Ruksin
DPTE
Nari
Oyan
Rayang
Mangnang
Telam Village
Old Deka
Debing
Ruksin
Pote
Depi
Pam
Seren
Telam
New Deka
District headquarter
Circle headquarter
Rivers
Villages
Roads
General Hospital
ALG

FUND REQUIREMENT UNDER KVK MAIN SCHEME FOR F.Y. 2025-26

Year (2025-26)	Fund Requirements (Rs. in lakhs)
Pay & Allowances	220.00
TA	5.00
HRD	2.00
Recurring Cont.: Research & Tech. Demo. etc.	20.00
Recurring Cont.: Gen. Exp. Incl. Administrative & Misc.	25.00
Capital Head: Furniture	5.00
Capital Head: IT & Equipments	5.00
Total Fund Requirements (Two hundred eighty two lakh only)	282.00

Summary Target for 2025

No of OFT	Trials	No. of FLDs	No. of Demonstrations	Trainings						Ext. Activities		Planting materials (No.)x 1000	Livestock strains/ fingerlings (No.)	Mob. Agro. Advisory (No. of Farmers)	No. of message	Soil & water sample testing (No.)	SHCs (No.) to be distributed to farmers
				Farmers		RY		EF									
				No. of Training	No. of participants	No. of Training	No. of participants	No. of Training	No. of participants	No. of activity	Participants (No.)						
11	47	16	105	60	1500	12	240	5	75	1340	8840	28	5750	1196	280	130	70

On Farm Testing (OFT)

No. of OFTs: 11

No. of Trials: 47

Discipline	No. of OFT	No. of Trials
Plant Protection	03	11
Home Science	02	10
Vety. & Animal Sc.	02	10
Horticulture	02	10
Fisheries	02	06

On Farm Testing
(OFT)

Plant Protection

On Farm Trial

No. of OFTs: 03
No. of Trials: 11

Discipline	Crop/enterprise	No. of Technology / Social Concept to be Assessed	No. of trials proposed
Plant Protection	**Assessment of CHF *Beauveria bassiana* against fall army worm (FAW) of maize**	01	05
	Assessment of CHF *Trichoderma* against Ginger rhizome rot disease	01	05
	Assessment of CHF *Lecanicilium lecanii* against on litchi Sting bug	01	01

OFT –1 Plant Protection

Title of OFT : Assessment of CHF *Beauverian bassiana* against fall army worm FAW of Maize

(1st Year)

Prioritised Problem: Low yield due to high infestation of FAW

Source of Technology: CHF, Pasighat, CAU Imphal 2022

T1.
Spray of *Beauveria bassiana* @ 0.5% (5g/1 lts) at 15 days interval starting from 30 DAT
T2.
Spray of *Neem oil* @ 0.5% (5g/1 lts) at 15 days interval starting from 30 DAT
T3.
Farmers practice: No Spray

No. of Trials-05

Crop: Maize

Bioagent: *Beauveria bassiana & Neem oil*

Parameters to be assess
1. Percent incidence of FAW
2. Yield
3. B.C Ratio

No. of trials proposed	
05	
Cost per Trial	Rs.7000/-
Total Cost	Rs.35,000/-

Scientists
SMS- Plant Protection, Horticulture, Home Science and Principal Sc. & Head

OFT – 2 Plant Protection

Title of OFT- Assessment of CHF *Trichoderma harzianum* against Ginger rhizome rot disease

(2nd Year)

Prioritised Problem: Ginger Rhizome rot disease

T1.
Rhizome treatment **CHF *Trichoderma*** @ 5g/kg+ Followed by spraying @5g /litre at 60 and 90 DAS+Raised bed cultivation
T2.
Trichoderma harzianum AAU-MC2: Rhizome treatment @ 20g/kg+ basal application (cow dung + neem cake 9:1 ratio)@ 100g/plant and soil drenching @20g/L at 10, 20 and 40 DAP
T3.
Farmers practice: No treatments + Raised bed cultivation

Source: 1. CHF, Pasighat, CAU Imphal 2022 and 2. AAU-Jorhat 2025

No. of Trials-05

Crop: Ginger
Bioagent: CHF *Trichoderma*

Scientists
SMS- Plant Protection, Horticulture, Home Science and Principal Sc. & Head

Parameters to be assess
1. Percent Disease infestation
2. Yield
3. B.C Ratio

No. of trials proposed	
05	
Cost per Trial	Rs.10000/-
Total Cost	Rs.50,000/-

OFT –3 Plant Protection

(2st Year)

ON Station Trial

Title of OFT : Assessment of CHF *Lecanicilium lecanii* against on litchi Sting bug

Source of Technology: CAU CHF, AICRP on bio-control 2022

Prioritised Problem: low yield due to high incidence of litchi bug, Menace during harvesting

T1:
Technology details:
#Spray treatment of **CHF *Lecanicilium lecanii* @ 5 g/litre at may and June**

CHF *Lecanicilium lecanii* entomophagus fungus isolated from CHF and mass multiplied under AICRP Biocontrol will be utilized for treatments

T2: Control plot

Station Trials-01

Crop: Litchi

Parameters to be assess

No. Visual recording insect cadaver adhered in litchi crop after a month of treatments

No. of trials proposed	
01	
Cost per Trial	Rs.5000/-
Total Cost	Rs.5,000/-

Scientists
SMS- Plant Protection, Horticulture, Home Science and Principal Sc. & Head

On Farm Testing
(OFT)

Home Science

On Farm Testing (OFT)

No. of OFTs: 02
No. of Trials: 10

Discipline	Crop/enterprise	No. of Technology/ Social Concept to be Assessed	No. of trials proposed
Home Science	Assessment of Colour and Textural Properties of Cookies by Addition of Roselle Seed Flour	01	05
	Value Addition of Finger Millet for product diversification	01	05

OFT – Home Science

OFT 1 : Assessment of Colour and Textural Properties of Cookies by Addition of Roselle Seed Flour

1st Yr

Problem	No. of trials & Cost
Excessive use of synthetic colour for cookies and wastage of roselle seed	5 & Rs 12000

Source: Dept. of Food Sc & Tech, MPKV, Rahuri, 2019

Details of technology:

- T1 :Wheat flour+ Sugar +pres+ Salt+ roselle flour(15%)
- T2 : Wheat flour +Sugar +pres+ Salt+ roselle flour (20%)
- T3: Wheat flour +Sugar+ pres +Salt +roselle flour (25%)
- T4 FP (control) : cookies made of wheat flour

Parameters of assessment

1. Organoleptic test
2. Shelf life
3. Farmer's acceptability
4. BC ratio

Scientists

SMS- Home Science, Horticulture, PP, and Principal Sc. & Head

OFT 2: Value Addition of Finger Millet for product diversification

1st Yr

Crop/ Enterprise	Problem with severity	Technology / Social Concept to be Assessed	Source of	No. of trial	Parameters of assessment	Budget for OFT
Millet	Market glut due to lack of value addition	T1: Preparation of cookies, Ladoo, Pancake, roti using 100% millet flour) T2: 50% (Refined wheat flour + millet flour) T0: Farmers Practice (Refined wheat flour 100%)	IIMR, Telangana, 2019	5	1.Shelf life 2.Acceptability of the product measure with **9- point Hedonic Scale.** 3.Sensory evaluation (colour, taste, flavour, texture)	**Total = Rs. 60,000**

On Farm Testing
(OFT)

Vety. & Animal Sc.

On Farm Trials

(OFT)

No. of OFTs : 02
No. of Trials : 10

Discipline	Crop/enterprise	No. of Technology/ Social Concept to be **Assessed**	No. of trials proposed
Vety. & A.H.	Homemade herbal feed additive	01	05
Vety. & A.H.	Pig breed Lumsniang	01	05

OFT-01

Assessment of Homemade Herbal feed additive for better body weight gain and reduced mortality in piglets

1st year

Enterprise	Prioritized Problem	Details of technology	Source	Parameters of assessment/ refinement
Herbal feed additive	High piglets mortality (15-20%) & less body weight gain due to piglet diarrhoea	**T1: Mixing 200 g Centella asiatica powder in 100 kg feed for suckling and weaned piglets for a period of one month. Repetition after one-month gap to keep the immunity level maintained.** **(Centella asiatica is the rich source of micronutrients like thiamine, riboflavin, vitamin K and amino acids)** **T2**: FP (**Control (feeding without centella asiatica powder)**	CAU, 2018	1. **Incidence of piglet diarrhoea (%)** 2. **Mortality rate (%)** 3. **Body wt gain (kg)** 4. **B.C. ratio**

No. of trials proposed	
05	
Cost per Trial	Rs.10000/-
Total Cost	Rs.50000/-

Farmer practice:
Traditional feeding method using kitchen waste

Scientists
SMS- Vety. & Animal Science, Home Science, Horticulture and Principal Sc. & Head

OFT-03

Performance of "Lumsniang" upgraded Pig breed in East Siang District.

2nd year

Enterprise	Prioritized Problem	Details of technology	Source	Parameters of assessment/ refinement
Pig Lumsniang	Non availability of improved pig varieties. Huge gap in demand and supply in pork market	T1: Lumsniang Pig (hampshire cross with Sniang Megha) Body wt gain: 90-100kg at 12 months Litter size: 8-9piglets T2: Farmer Practice (Local/Non Descript Pig)	ICAR, Research complex for NEH Region, Umiam Barapani-2017	Average body weight gain at 12months (kg) Age at first furrowing Litter size (nos.) Mortality (%) BCR

No. of trials proposed	
05	
Cost per Trial	Rs.20,000/-
Total Cost	Rs.1,00,000/-

Farmer practice: Traditional rearing of local and non-defined crossbreds pig at backyard systems.

Lumsniang pig

Scientists
SMS- Vety. & Animal Science, Home Science, Horticulture and Principal Sc. & Head

On Farm Testing
(OFT)

Horticulture

On Farm Testing (OFT)

No. of OFTs: 02
No. of Trials: 10

Discipline	Crop/enterprise	No. of Technology/ Social Concept to be Assessed	No. of trials proposed
Horticulture	Assessment of Biofortified varieties of potato	01	05
	Assessment of Arka citrus special on Khasi Mandarin in Arunachal Pradesh	01	05

OFT-01

On Farm Trial
(Discipline: Horticulture)

1st year

Thematic area	:	**Variety Introduction**
Title of OFT	:	Assessment of Biofortified varieties of potato
Problem diagnosed	:	Low income and lack of nutritional factors in the existing potato varieties
Crop & Technology details	:	Potato, Nutritionally enriched with anthocyanin, Vitamin C, Minerals (Zn & Fe)
Year of release	:	CPRI, Shimla, Kufri Neelkanth (2018), K. Manik (2023) & K. Jamuniya (2024)
Treatments	:	T1: Kufri Neelkant, T2: Kufri Jyoti, T3: Local Cultivar (Check)
No. of trials	:	05
No. of farmers	:	05
Parameters of assessment	:	1. Antioxidants 2. Vitamin-C 3. Yield (t/ha) 4. B:C ratio

No. of trials proposed	
05	
Cost per Trial	Rs.30,000/-
Total Cost	Rs.1,50,000/-

Scientists

SMS- Horticulture, Home Science, Plant Protection and Principal Sc. & Head

OFT-02

On Farm Trial
(Discipline: Horticulture)

1st year

Thematic area	:	**Nutrient Management**
Title of OFT	:	Assessment of Arka citrus special on Arunachal Orange (Citrus reticulata)
Problem diagnosed	:	Poor Nutrient management practices leading to low yield
Crop & Technology details	:	Khasi Mandarin, Arka Citrus special a micronutrient formulation for enhancing citrus production
Year of release	:	ICAR-IIHR, Bengaluru, 2019
Treatments	:	T1: Citrus special spray (5g/L) twice before flowering and twice after flowering at 15 days interval T2: Farmers Practice (Check)
No. of trials	:	05
No. of farmers	:	05
Parameters of assessment	:	1. Yield 2. B:C ratio

No. of trials proposed	05
Area	1.0 ha
Cost per Trial	Rs.10,000/-
Total Cost	Rs.50,000/-

Scientists
SMS- Horticulture, Home Science, Plant Protection and Principal Sc. & Head

On Farm Testing
(OFT)

Fisheries

On Farm Testing (OFT)

No. of OFTs: 02
No. of Trials: 06

Discipline	Crop/enterprise	No. of Technology/ Social Concept to be Assessed	No. of trials proposed
Fisheries	Growth Performance of Improved Catla (Amrit) in carp polyculture system	01	03
	Assessment of Fish Mushroom Farming Model	01	03

OFT-01

Growth Performance of Improved Catla (Amrit) in carp polyculture system

2nd year

Enterprise	Prioritized Problem	Details of technology	Source	Observations
Fisheries	Low to moderate growth of local Catla	T1: Culture of Amrit Catla (30%), Rohu (20%), Silver carp (15%), Mrigal (15%), Common Carp (10%) and Grass carp (10%) @ 8000 nos./ha. T2:Farmers practice (culture of local Catla and other carps •Feeding rate @ 3% body weight • Culture period: 12 months	ICAR-CIFA, Bhubaneshwar, 2024 (Yield 1.8kg/yr)	1. Growth rate of Amrit Catla 2. Yield of Amrit Catla and total yield 3. Disease incidence 4. B:C ratio and farmer reaction.

Pond size	0.1 -0.2 ha
Replications	03
Cost per Trial	Rs.40,000/-
Total Cost	Rs. 1,20,000/-

Improved Catla

Technology Details: Culture of Amrit Catla (30%), Rohu (20%), Silver carp (15%), Mrigal (15%), Common Carp (10%) and Grass carp (10%) @ 8000 nos./ha.

Scientists

SMS- Fisheries, Horticulture, Home Science, Plant Protection and Principal Sc. & Head

OFT:2: ASSESSMENT OF FISH-MUSHROOM FARMING MODEL

Crop / Enterprise	Problem with severity	Technology/ Social Concept to be Assessed	Source of techno and year of release	No. of trials proposed	Parameters of assessment
Fis-Mushroom Farming	Low plankton productivity and non utilization of mushroom waste (80%)	Detail: T1: Stocking density 10,000fingerlings/ha Mushroom shed (20 × 15 sq.ft) on the pond embankment T2: Fish Farming <u>Critical Inputs Required</u>: Fish Seed & Mushroom Spawn	COF, Tripura, 2014	03	• Growth & of the fishes • Average weight gain • Yield of Mushroom • Water quality assessment • B:C ratio • Net Return

Front Line Demonstrations (FLD)

No. of Crop/Enterprise : 16
No. of Demonstrations : 105

Discipline	No. of Tech.	No. of Demo.
Plant Protection	02	10
Home Science	04	20
Vety. & Animal Sc.	03	40
Horticulture	04	20
Fisheries	03	15

Front Line Demonstrations
(FLD)

Plant Protection

Front Line Demonstrations (FLD)

No. of Crop/Enterprise : 02
No. of Demonstrations :10

Discipline	Title of FLD	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/ famers to be covered
Plant Protection	**Application of CAU *Beauvaria bassiana* for insect pest management in Paddy**	01	05	10	20
	Popularization of CAU liquid Bioenhancer on Maize	01	05	10	20
Total		**02**	**10**	**20**	**40**

FLD-1

Plant Protection

1st year

Application of CAU *Beauvaria bassiana* for insect pest management in Paddy

Prioritized Problem: Lepidopeteran pests (Stem borer, leaf folder & case worm) and hoppers

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of De mo.	Area (ha)	No. of farmers to be covered	Parameters of demonstration
Rice	**Foliar spray of CAU *Beauvaria bassiana* @ 5gm/litre water at 30 and 45 DAT**	CAU-CHF, 2022	05	05	20	% incidence of paddy stem borer, leaf folder, hoppers and case worm
						% Yield increase
						Benefit Cost Ratio

Team members

SMS – PP, Home Science, Fruit Science and PS & Head

Cost per hectare	Rs.5000/-
Total Cost	Rs.50,000/-

FLD-2

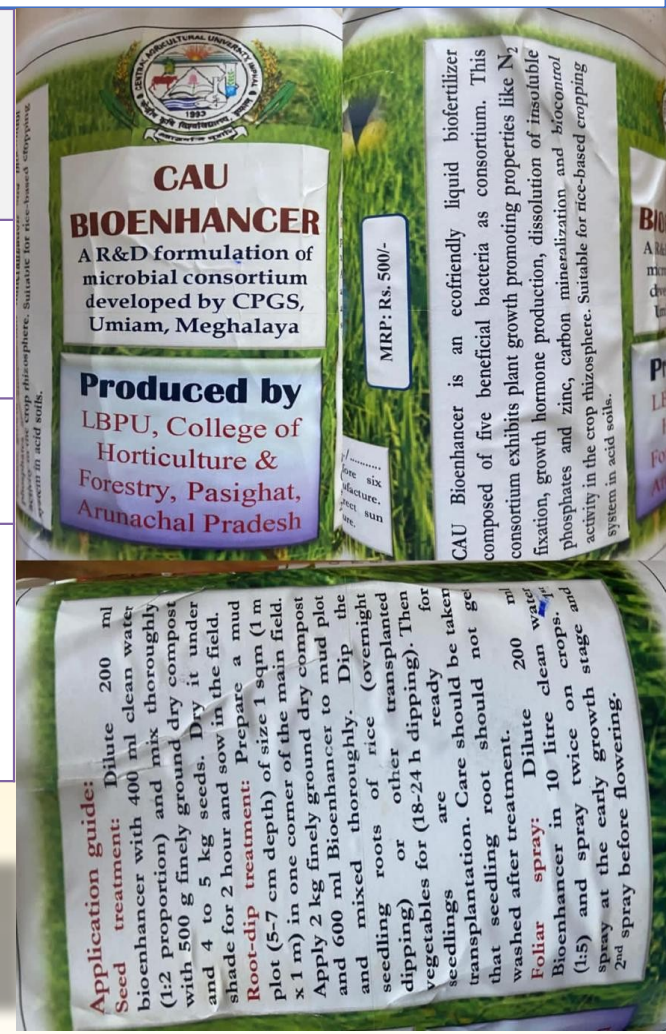
Plant Protection

1st year

Popu … cer on Maize

Prioritized Problem: Reluctant of farmers towards chemical fertilizer & high cost and non availability of FYM

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of Demo.	Area (ha)	No. of farmers to be covered	Parameters of demonstration
Maize	**Application of CAU liquid Bioenhancer as foliar spray @ 10 lt. per ha (20 ml/litre water) at 35-40 DAS** **1.For N Fixation** **2.For P & Zn mobilization** **3.For Growth hormone prod.**	CAU 2022	5	05	20	Growth and development of maize % Yield increase Benefit Cost Ratio



Team members	Cost per hectare	Rs.5000/-
SMS – PP, Home Science, Fruit Science and PS & Head	Total Cost	Rs.50,000/-

Front Line Demonstrations
(FLD)

Home Science

Front Line Demonstration (Home Science)

Discipline	Crop/ enterprise	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/famers to be covered
Home Science	VL Maize Sheller	01	05	05	05
	Jackfruit	01	05	05	25
	Packaging	01	05	05	25
	Fish	01	05	05	25
Total		**04**	**20**	**20**	**80**

Home Sc. | FLD

FLD 1: Popularization of drudgery reduction of VL Sheller in maize

1st Yr

Crop	No. of demo	Problem	Source of technology and year of release
Maize	05	Manual shelling results in occupational health hazards including postural discomfort, injured fingers with cuts and bruise.	ICAR-VPKAS ,Almora 2020

Details of technology: VL maize sheller

Cost: Rs. 20000

Parameters of assessment

- Measurement of Body Mass Index
- Measurement of Heart rate
- Measurement of Energy expenditure
- Yield per hour
- B: C ratio

Home Sc. | FLD-2

Popularization of value added product from Jackfruit (Papad, Chips)

1st year

Prioritized Problem: High wastage during peak season due to the perishable nature of crop and lack of PHT

Technology details

✓De-seeded bulbs from fully matured jackfruit.
✓Washing in water with preservative, Potassium Metabisulphite (KMS) (0.1%)
✓Steam cooking (3 whistles in a home pressure cooker)
✓Grinding to a pasty pulp
✓Addition of spices
✓Portioning
✓Rolling/ Spreading
✓Drying of Papad
✓Packaging and storage

Source- CCS, Tura, 2020

Parameters:

- Recovery Percentage
- Color
- Taste
- Shelf Life
- BC ratio

Details of Demonstration

No. of Demonstration	Units	No. of farmers
5	5	5 SHGs

Cost of the demo- Rs. 15,000/-

Team members

SMS – Home Science, Fruit Science, PP and PS & Head

Home Sc. | FLD-3

Popularization of Fish Wafers

2nd year

Prioritized Problem: Unavailability of suitable technology for fish value

Technology details:

- Add corn flour, Tapioca starch and salt and rest of water and blend the whole mass of one hour
- Spread the homogenized mass uniformly in aluminum trays in a thin layer of 1-2 mm thickness and cook in steam for 3-5 minutes
- Cool to room temperature
- Cut the cooked material into desired shapes and dry under sun or preferably in artificial dryer (at 45^{0}C to 50^{0}C) to a moisture content below 10%
- Pack in suitable lots of dried product in sealed polythene bags or glass bottles and store in cool dry place till marketing

Source : CIFT, Cochin, 2018

Parameters:

- Recovery Percentage
- Color
- Taste
- Shelf Life
- B:C ratio

Details of Demonstration		
No. of Demo	Units	No. of farmers
5	5	5 SHGs

Cost of the demo- Rs. 20,000/-

Technology Ingredients Ratio		
1	Cooked fish meat	1Kg
2	Corn flour	500gm
3	Tapioca starch	1Kg
4	Salt	25gm
5	Water	1.75litre

Team members

SMS – Home Science, Fruit Science, PP and PS & Head

Home Sc. | FLD-4

Promotion of Packaging of value added products

2nd year

Prioritized Problem: Unattractive packaging as well as lack of knowledge

Technology to be demonstrated:

- **Different types of packaging materials for various types of value added products. (Kraft paper packaging, Corrugated boxes, Rigid boxes, Shrinkwrap, Poly bags, Bottles)**
- **Packaging labels and tags**

Source : Indian Institute of Packaging, Kolkatta, 2017

Parameters:

- Consumer acceptability and preference
- B: C Ratio

Details of Demonstration

No. of Demonstration	Units	No. of farmers
5	5	5 SHGs

Cost of the demo- Rs. 50,000/-

Team members

SMS – Home Science, Fruit Science, Veterinary & Animal Science and PS & Head

Front Line Demonstrations
(FLD)

Vety. & Animal Sc.

Front Line Demonstrations (FLD)

No. of Crop/Enterprise : 03
No. of Demonstrations : 40

Discipline	Crop/ enterprise	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/ famers to be covered
Vety. & AH	Poultry Rainbow Rooster	01	20	25 Chicks/far.	20
	Pig HDK-75	01	10	02 Piglet/far.	10
	Feeding of Azolla	01	10	10 units	10
Total		03	40		40

FLD-01

Popularization of dual purpose poultry breed
Rainbow Rooster

1st year

Problem diagnosed : Poor production performance of local poultry non-availability of improved poultry breed. High demand of coloured poultry birds.

Technology Details

- Body wt: 1.3 kg (M), 0.9 kg (F) at 8months under scavenging system
- Egg/bird in 72weeks: 160 eggs
- Feeding:

concentrate mix upto 14 days in intensive system and gradually changing to backyard system supplementing feed with broken rice, maize, kitchen waste along with scavenging

Details of Demonstration		
No. of Demonstration	**Area (ha)/Units**	**No. of farmers**
20	**25 chicks/ farmer**	**20**
Cost of the Demo- Rs.100000/-		

Indbro Research & Breeding Farm Private Limited, Hyderabad

Parameters of demonstration

- Average body weight gain at 8weeks (kg)
- Age at first laying
- Annual egg production
- Mortality %

Team members

SMS-Vety. & Animal Science, Plant Protection, Home Science and PS & Head

FLD-02

Popularisation of HDK-75 Pig in East Siang District

2nd year

Problem diagnosed: Non availability of improved pig varieties. High Demand and supply gap in pork market

Technology Details

HD-K75 variety (75% Hampshire inheritance and 25% indigenous inheritance of local pigs of Assam) .

Body wt gain: 70-75 kg body weight at slaughter age of 8 months

Litter size of 8-9 piglets.

Details of Demonstration

No. of Demonstration	Area (ha)/Units	No. of farmers
10	2piglet/ farmer	10

Cost of the Demo- Rs.100000/-

AICRP on Pig, AAU, Khanapara, college of veterinary science -2017

Parameters of demonstration

- Body weight gain at 8 month
- Age at first furrowing
- Litter size
- Mortality

Team members

SMS-Vety. & Animal Science, Plant Protection, Home Science and PS & Head

FLD-03

Feeding of fresh azolla @ 5% in backyard poultry

1st Year

Enterprise	Prioritized Problem	Details of technology	Source	Parameters of assessment/ refinement
Feed Poultry	High cost of poultry feed. Non-availability of concentrate mix in rural area.	Technology details: Feeding fresh Azolla (*Azolla pinnata*) @ 05% in backyard poultry (3-32wks)	AAU, Jorhat.	Average Body wt gain every 15 days upto 6 months (kg) Age at first egg laying (wks) Egg production up to 32wks(nos) Yolk colour

Local Check: Feeding of broken rice, maize and kitchen waste.

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Details of Demonstration	
No. of Demonstration	**No. of farmers**
10	**10**
Cost of the Demo- Rs.40000/-	

Team members

SMS-Vety. & Animal Science, Plant Protection, Home Science and PS & Head

Front Line Demonstrations
(FLD)

Horticulture

Front Line Demonstration (Hort.)

Discipline	Crop/ enterprise	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/famers to be covered
Hort.	Dragon Fruit	01	05	01	05
	Water Melon	01	05	01	05
	Ridge Gourd	01	05	01	05
	Bottle Gourd	01	05	01	05
Total		**04**	**20**	**-**	**20**

Front Line Demonstrations (FLD)

No. of Crop/Enterprise : 04
No. of Demonstrations : 20

Discipline	Title of FLD	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/ famers to be covered
Horticulture	Promotion of Dragon Fruit cultivation for doubling the farmers income in Arunachal Pradesh (Red-fleshed)	01	05	1.0	05
	Demonstration of improved watermelon variety Arka Manik	01	05	1.0	05
	Demonstration of improved Ridge Gourd variety Arka Prasan	01	05	1.0	05
	Demonstration of improved Bottle Gourd variety Arka Shreyas	01	05	1.0	05
Total		**04**	**20**	**4.0**	**20**

FLD-01 & 02

Horticulture

1st year

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of Demo.	Area (ha)/ activity to be covered	No. of farmers to be covered	Parameters of demonstration
Dragon fruit	Promotion of Dragon Fruit cultivation for doubling the farmers income in Arunachal Pradesh (Red-fleshed) **Prioritized Problem: Changing climate scenario**	Centre of Excellence on Horticulture, Mizoram	05	1.0	05	Yield (t/ha) Benefit Cost Ratio
	Technology details: No. of plants/ha – 4444plants/ha, Spacing- 3m x 3m Time of sowing – June-July					
Water Melon	Watermelon variety Arka Manik with triple disease resistance to anthracnose, powdery mildew and downy mildew. Duration 110-115 days with yield of 60t/ha **Prioritized Problem: Low yield and susceptibility to multiple diseases in the existing cultivar**	ICAR-IIHR, Bengaluru 2012	05	1.0	05	Yield (t/ha) Benefit Cost Ratio
	Technology details: Seed rate – 3.5kg/ha, Spacing- 100 cm x 45cm Time of sowing – January-February					

Team Member

SMS- Horticulture, Plant Protection , Home Sc. and Principal Sc. & Head

Cost

1,50,000/-

Team Member

SMS- Horticulture, Plant Protection , Home Sc. and Principal Sc. & Head

Cost

40,000/-

FLD-03 & 04

Horticulture

1st year

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of Demo.	Area (ha)	No. of farmers to be covered	Parameters of demonstration
Ridge Gourd	Ridge gourd variety Arka Prasan is open pollinated and early maturing which Yields 26t/ha. **Prioritized Problem: Low yield**	ICAR-IIHR, Bengaluru 2021	05	1.0	05	Yield t/ha BCR
Technology details: Seed rate – 2 kg/ha, Spacing- 5 x 1.5 feet, Time of sowing – February-March						
Bottle Gourd	Bottle gourd variety Arka Shreyas **Prioritized Problem: Low yield and susceptible to Gummy stem Blight**	ICAR-IIHR, Bengaluru 2020	05	1.0	05	Yield t/ha BCR
Technology details: Seed rate – 1.5 kg/ha, Spacing- 2 m x 1.5 m Time of sowing - Broadcasting						

Team Member	Cost
SMS- Horticulture, Plant Protection , Home Sc. and Principal Sc. & Head	35,000/-

Team Member	Cost
SMS- Horticulture, Plant Protection , Home Sc. and Principal Sc. & Head	45,000/-

Front Line Demonstrations

(Fisheries)

Front Line Demonstrations (FLD)

No. of Crop/Enterprise : 03
No. of Demonstrations : 15

Discipline	Title of FLD	No. of Technology/ Social Concept	No. of demos proposed	Area (ha) to be covered/ no. of activity	No. of participants/ famers to be covered
Fisheries	Culture of *Labeo gonius* in polyculture system.	01	05	1.0	05
	Culture of *Puntius sarana* in carp polyculture system.	01	05	1.0	05
	Popularization of Amur common carp in composite fish farming.	01	05	1.0	05
Total		**03**	**15**	**3.0**	**15**

FLD-01

Fisheries

2nd year

Prioritized Problem: Low total production per unit area due to slow growth of *Labeo rohita* in carp poly culture system.

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of Demo.	Area (ha)/ activity to be covered	No. of farmers to be covered	Parameters of demonstration
Pond Management	Culture of *Labeo gonius* in carp polyculture system . (Silver carp: Catla: Labeo gonius: Mrigal: Common Carp) = (10:25:**30**:15:20)	PoP on Fisheries and Aquaculture in Assam, AAU, Jorhat, 2017	05	1.0	05	Stocking density: Nos./ha
						Yield per unit area: q/ha
						Average growth in kg
						Benefit Cost Ratio

Technology details:
Stocking density-10,000 fingerlings/ha
Stocking time- April-June.
Feeding method – Broadcasting
Feed – Pellet feed
Feeding rate : 3-5 % BW

Scientists
SMS- Fisheries, Horticulture, Home Science, Plant Protection and Principal Sc. & Head

Details of demonstration

No. of demonstration	Area (ha)
5	**1.0**

Cost of the demo= Rs. 1,00,000/-

FLD-02

Fisheries

2nd year

Prioritized Problem: Poor growth of Mrigal, Low total production level per unit area

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of Demo.	Area (ha)/ activity to be covered	No. of farmers to be covered	Parameters of demonstration
Feeding Management	Culture of *Puntius sarana (*Olive barb) in carp polyculture system. Combination of catla, silver carp, rohu and olive barb at a ratio of Catla 1.5: Silver carp 1.5: Rohu 1: Olive barb1	PoP on Fisheries and Aquaculture in Assam, AAU, Jorhat, 2017	05	1.0	05	FCR Average growth Survival rate in % Benefit Cost Ratio

Technology details:

Stocking density – 10,000 fingerlings/ha
Stocking time- May-June
Feeding method - Broadcasting
Feeding rate – 3-5% BW
Feed- Pellet feed

Scientists
SMS- Fisheries, Horticulture, Home Science, Plant Protection and Principal Sc. & Head

Details of demonstration

No. of demonstration	Area (ha)
05	1.0

Cost of the demo= Rs. 1,00,000/-

FLD-03

Fisheries

2nd year

Prioritized Problem: Poor growth, low productivity of existing common carp

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech and year of release	No. of Demo.	Area (ha)/ activity to be covered	No. of farmers to be covered	Parameters of demonstration
Pond Management	Popularization of Amur common carp in composite fish farming.	ICAR Research Complex for NEH Region, Barapani, Meghalaya, 2020	05	1.0	05	Stocking density: Nos./ha Yield per unit area: q/ha Benefit Cost Ratio

Technology details:
Stocking density – 10,000 fingerlings/ha
Stocking time- May-June
Feeding method - Broadcasting
Feeding rate – 3-5% BW
Feed- Pellet feed

Amur common carp could be incorporated as an alternative species against existing common carp and Mrigal and it can be culture with Catla and Rohu by following the Stocking ratio Catla (40): Rohu (35): Amur (25) would improve fish production

Details of demonstration

No. of demonstration	Area (ha)
05	1.0

Cost of the demo= Rs. 1,00,000/-

Scientists
SMS- Fisheries, Horticulture, Home Science, Plant Protection and Principal Sc. & Head

Cluster Front Line Demonstration

No. of Crop/Enterprise : 03

No. of Demonstrations :550

Crop / Enterprise	Technology/ Social Concept to be Demonstrated	Source of tech	Area (ha)	No. of demo. & area	Parameters of demo.	Tentative Cost of FLDs (Rs)
Oilseed	Cluster demonstration of Toria Var. TS-38	AAU, Jorhat 2019	100	250	Yield /ha B:C ratio	9,00,000.00
	Cluster demonstration Sesame var. SHT-1 (Champawati)	AAU, Jorhat 2021	100	250	Yield /ha B:C ratio	8,00,000.00
	Cluster demonstration Soybean (var. KDS 992)	MPKV, Rahuri 2022	20	50	Yield /ha B:C ratio	3,00,000.00

Team members
SMS – PP, Home Science, Fruit Science and PS & Head

Trainings

Training Programmes (Farmers)

Discipline	Farmer Beneficiaries (Nos.)				
	Course (No.)	On	Off	Spon.	Total
Home Science	12	100	150	50`	300
Fisheries	12	100	150	50	300
Plant Protection	12	100	150	50	300
Horticulture	12	100	150	50	300
Vety. & Animal Science	12	100	150	50	300
Total	**60**	**500**	**750**	**250**	**1500**

Training Programmes (Rural Youth)

Discipline	Rural Youth Beneficiaries (No's.)				
	Course (No.)	On	Off	Spon.	Total
Home Science	02	20	20	00	40
Plant Protection	03	20	20	20	60
Vety. & Animal Science	02	20	20	00	40
Horticulture	03	20	20	20	60
Fisheries	02	20	20	00	40
Total	**12**	**100**	**100**	**40**	**240**

Training Programmes (Extension Functionaries)

Discipline	Extension Functionaries (No's)				
	Course (No.)	On	Off	Spon.	Total
Home Science	01	15	00	00	15
Fisheries	01	15	00	00	15
Plant Protection	01	15	00	00	15
Horticulture	01	15	00	00	15
Vety. & Animal Science	01	15	00	00	15
Total	**05**	**75**	**00**	**00**	**75**

Vocational Training & Animal Health Camp

Discipline	Activity	Participants (Rural Youth)				
		Course (No.)	Duration	SC/ST		Total
				M	F	
Plant Protection	Mushroom cultivation as a lively hood for rural youth.	01	10	10	10	20
Home Science	Entrepreneurship development through rural craft	01	10	05	10	15
Vety. & Animal Sc.	Poultry farming a start up business for rural youth	01	10	05	10	15
Horticulture	Nursery management and plant propagation techniques in Horticulture crops	01	10	10	10	20
Total		**04**	**40**	**30**	**40**	**70**
Vety. & Animal Sc.	**Animal Health Camp**	**01**	**01**	**10**	**20**	**30**

Other Extension Activities

Publications proposed

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

Extension Videos to be developed

Sl. No.	Type of publication	Number
1	Extension Training Video	1
2	Success story video	1

KVK EAST SIANG Extension Activities (Programmes : 1340 & Beneficiaries : 8840)

- **Registered in Kishan Sarthi App till 2024-25: 2691**
- **Target for registration in Kishan Sarthi App during 2025-26: 1000**

Activity/ programme	No. of activity/ prog	Beneficiary (No.)	Activity/ programme	No. of activity/ prog	Beneficiary (No.)
1. Exposure Visits	06	180	16 Popular Articles	10	
2. Diagnostic Visit	200	400	17. Extension Literature	12	
3. Scientist Visit to Farmer's Field	200	700	18. Method demonstration/Demonstration	80	530
4. Group Meeting	20	400	19.Farmer's Seminar	01	50
5. Ex-Trainee Meeting	10	200	20. TV Talk	05	
6. Technology Week	01	100	21. Radio Talk	07	
7. Jai Kishan Jai Bharat	01	120	22. Resource Person	15	2150
8. Mera Goan Mera Gaurav	06	440	23. Proposed farmer's club to be form	10	150
9. Kishan Gosthi	02	200	24.Celebration of Important Days	08	250
10. Awareness Programme	06	600	25.Newspaper coverage	20	
11. Interaction Programme	20	800	26.Technology showcasing	06	
12.Swatchata Bharat Campaign	05	160	27.Mass awareness	04	400
13. Soil Health Camp	05	220			
14. Agri Mobile Clinic	05	500			
15. Animal Health Camp	06	190			

Seeds
&
Planting Materials

Planting Materials

Item	Crop	Variety	Proposed quantity (Nos.)
Vegetable Crops	Brinjal	Swarna Parthiba	5000
		Swarna Shaymali	2500
	Tomato	Kashi Aman	5000
		Swarna Lalima	2500
	Chilli	Kashi Anmol-2	5000
		King Chilli	2500
	Cabbage	Rare ball	3500
Fruit Crops	Dragon Fruit	Pink Fleshed	1500
	Avocado	Arka supreme	600
	Jack fruit	Siddu & Shankara	600
Total			**28700**

Livestock

Item	Product Name	Proposed quantity		Value (Rs.)	To be provided to (Exp. No. of farmers)
		No.	**Kg.**		
Livestock strains	Rainbow rooster chicks	750	-	41, 250	30
Fingerlings (Nos. in lakh)	Common carp	5,000	-	25,000	10
Total		**5750**		**66,250**	**40**

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**	80	80	10	-	70
2.	**Water sample**	50	50	10	-	-
	Total	**130**	**130**	**20**	**-**	**70**

Mobile Advisory

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	**60**	**256**	**40**	**140**	**-**	**-**	**60**	**360**	**70**	**300**	**50**	**140**	**280**	**1196**

ARYA PROJECT ACTION PLAN: 2025-26

Sl. No.	Indicators	Protected Cultivation	Poultry Farming	Processing and Value addition	Mushroom	Vermicompost	Exotic Fruit
1	Training Programs to be Conducted	04	04	03	03	03	03
2	No. of Youths to be involved	30	40	45	30	30	30
3	Entrepreneurial Units to be Established	04	01	01	02	03	05

ACTION PLAN FOR 2025-26

ENTERPRISE 1: PROTECTED CULTIVATION

- KEY TECHNOLOGICAL AND INSTITUTIONAL INTERVENTIONS FOR ESTABLISHING MICRO ENTREPRENEURIAL UNITS: SKILL TRAINING ON PRODUCTION OF HIGH VALUE CROPS UNDER POLY HOUSE CONDITION. CONSTRUCTION OF POLYHOUSE. PROVIDING SEEDLINGS, INSTALLATION OF DRIP IRRIGATION AND PROVIDING SMALL IMPLEMENTS.

- NO. OF TRAINING PROGRAMS: 04
- NO. OF YOUTH TO BE INVOLVED: 30

ACTION PLAN FOR 2025-26

ENTERPRISE 2: POULTRY FARMING

- KEY TECHNOLOGICAL AND INSTITUTIONAL INTERVENTIONS FOR ESTABLISHING MICRO ENTREPRENEURIAL UNITS: **SKILL TRAINING ON BROODING OF CHICKS, VACCINATION AND HOUSING SYSTEMS OF POULTRY. VALUE ADDITION OF POULTRY MEAT.**
- **LOW COST EGG INCUBATOR CUM HATCHING**

- NO. OF TRAINING PROGRAMS: 04
- NO. OF YOUTH TO BE INVOLVED: 40

ACTION PLAN FOR 2025-26

ENTERPRISE 3: PROCESSING AND VALUE ADDITION

- KEY TECHNOLOGICAL AND INSTITUTIONAL INTERVENTIONS FOR ESTABLISHING MICRO ENTREPRENEURIAL UNITS: SKILL TRAINING ON PRODUCTION AND PREPARATION OF PROCESSED AND VALUE ADDED PRODUCTS, PACKAGING AND LABELING.

- NO. OF TRAINING PROGRAMS: 03
- NO. OF YOUTH TO BE INVOLVED: 45

ACTION PLAN FOR 2025-26

ENTERPRISE 4: MUSHROOM CULTIVATION

- KEY TECHNOLOGICAL AND INSTITUTIONAL INTERVENTIONS FOR ESTABLISHING MICRO ENTREPRENEURIAL UNITS: **SKILL TRAINING ON PRODUCTION OF MUSHROOM AND PREPARATION OF PROCESSED AND VALUE ADDED PRODUCTS.**

- NO. OF TRAINING PROGRAMS: 03
- NO. OF YOUTH TO BE INVOLVED: 30

ACTION PLAN FOR 2025-26

ENTERPRISE 5: VERMICOMPOST

- KEY TECHNOLOGICAL AND INSTITUTIONAL INTERVENTIONS FOR ESTABLISHING MICRO ENTREPRENEURIAL UNITS: **SKILL TRAINING ON PRODUCTION OF VERMICOMPOST.**

- NO. OF TRAINING PROGRAMS: 03
- NO. OF YOUTH TO BE INVOLVED: 30

ACTION PLAN FOR 2025-26

ENTERPRISE 6: EXOTIC FRUITS

- KEY TECHNOLOGICAL AND INSTITUTIONAL INTERVENTIONS FOR ESTABLISHING MICRO ENTREPRENEURIAL UNITS: SKILL TRAINING ON CULTIVATION OF EXOTIC FRUITS : DRAGON FRUITS AND AVOCADO.

- NO. OF TRAINING PROGRAMS: 03
- NO. OF YOUTH TO BE INVOLVED: 30

ARYA PROJECT FUND REQUIRED FOR FY 2025-26

Component	BE 2025-26	Justification
A. Grant-in-aid-Capital		
IT	2.0	Computer with accessories, camera
Furniture	2.0	Table, chair and Almirah etc.
Total (A)	4.0	
B. Grant-in-aid-General		
TA	1.0	
HRD	0.5	Capacity building for rural youth
Operative Expenditure for running of the selected enterprises	5.0	Inputs required for different activities; Feed, Vaccination and Mineral Mixture, Medicines, Chicks of improved breed of poultry for backyard farming; PVC pipe, Lime, Fertilizer, Agrochemical, Seeds, Planting Materials, Packing/transportation Materials etc. for protected cultivation; Materials required for integrated farming system, egg incubator
Administrative/ other Expenditure	0.5	Consumables, Contingencies and POL
Others (Salary)	4.2	01 SRF
Total (B)	11.2	
Grant Total (A+B)	**15.2**	

NICRA PROJECT ACTION PLAN 2025-26 FOR DIFFERENT NICRA INTERVENTION

Details	List of demos under each theme	Area (ha)	No. of demos	No. of farmers benefitted	Details	List of demos under each theme	Area (ha)	No. of demos	No. of farmers benefitted
NRM	1. Sowing of short-Duration Sesame Variety 'Champawati in residual soil moisture	4	6	6	**Crop**	3. Promotion of climate resilient fruit crop cultivation: dragon fruit	5000 m2	03	03
Livestock	1. Backyard Poultry Farming activities with modified housing.	50 birds/unit	20	20		4. Promotion of biofortified high value vegetable crops: Potato	2000 m2	20	20
Crop	1. Protected cultivation of high value vegetable crops under high rainfall condition.	0.0483	07	07					
	2. Mushroom cultivation	0.0056	03	45					

Fig 1: Vegetable seedlings grown under polyhouse

Fig 2: Rearing of rainbow rooster under NICRA

Fig. 3: Low cost egg incubator cum hatchery management

Fig 4: Short-Duration Variety 'Champawati' – So in Late August to Utilize Residual Soil Moisture

Target For Revolving Fund Generation During 2025-26

Target For Revolving Fund Generation (2025-26)	
By different farm units of KVK (Rs.)	200000.00
By participatory seed production programme (Rs.)	300000.00

Functional Linkages to be Established with Different Organizations for Convergence

Sl. No.	Name of organization	Nature of linkage
1.	ATMA and SAMETI East Siang	Sponsored programme for conducting research and demonstration on crops, collaborative training programmes
2.	NABARD	Sponsorship, credit linkage of farmer's club and subsidy schemes
3.	NFDB	Providing financial assistance for organizing fisheries training programme for the fish farmers
4	College of Horticulture & Forestry and College of Agriculture, Pasighat	Technology support and other logistics
5	DEE, CAU, Imphal	Sponsored for conducting awareness cum training programme
6	Dept of Vety. & Animal Husbandry, Govt. of Arunachal Pradesh	Awareness programme and vaccination programme
7	Dept of Fishery, Govt of Arunachal Pradesh	Training, fish seed production
8	National Rural Livelihood Mission	Collaborative training programme, fund, SHG linkage

Functional linkages to be established with different organizations

Sl. No.	Name of organization	Nature of linkage
9	CIFT	Technology Dissemination
10	CIFRI	Technology Dissemination
11	NCIPM, New Delhi	Providing financial assistance for organizing IPM training programme for the farmers
12	NBAIR	Providing financial assistance for organizing Biocontrol training programme for the farmers
13	IIOR, Hyderabad	Providing financial assistance
14	AAU, Jorhat	Technology support and other logistics
15	CAU, Imphal	Technology support and other logistics
16	FTC, Pasighat	Providing financial assistance
17	Arunachal State Rural Livelihood Mission	Collaborative training programme, fund, SHG linkage


Thank you
(Airudo)