Action Plan for 2024

Krishi Vigyan Kendra, Bishnupur District, Manipur

Host Organisation:

Utlou Joint Farming-Cum-Pisciculture Co-Operative Society Ltd.

Estd: September, 2003

Staff Position

Sl. No.	Name	Designation	Discipline
1	Dr. Kh. Brajamani Meetei	Sr. Scientist & Head	Fishery
2	Dr. P. Bijaya Devi	SMS	Horticulture
3	N. Bandana Devi	SMS	Home Science
4	Dr. A. Tarajit Singh	SMS	Agril. Extn
5	Kh. Maipak Singh	SMS	Plant Protection
6	Dr. Sakhen Sorokhaibam	SMS	Agronomy
7	P. Bidyananda Singh	SMS	Soil Science
8	Th. Shachimohon Singh	Prog. Asstt.	Computer
9	Mahesh Maibam	Farm Manager	Agriculture
10	L. Dinachandra Singh	Accountant / Superintendent	Non-technical
11	H. Khelendro Singh	Stenographer	Non-technical
12	L. Boboshana Singh	Driver	Non-technical
13	L. Doren Meetei	Driver (heavy)	Non-technical
14	Th. Sanjoy Singh	SSG-1	Non-technical
15	Th. Sanjit Singh	SSG-1	Non-technical

On Farm Testing (Discipline–Wise Summary) for 2024

Discipline	Crop/enterprise	No. of Technology/ Social Concept/ methodology to be Assessed	No. of trials proposed Assessment
Agronomy	Rice-lentil cropping system	Performance of lentil in lowland rice fallow under no till condition of Bishnupur district	5
	Finger millet	Assessment of suitable finger millet variety under rainfed condition of Bishnupur district	5
Horticulture	Garden pea	Varietal performance.	4
	Yard Long Bean	Varietal performance.	4
Fishery	Pond management	Growth Performance of *Ompok pabda fingerlings* in monoculture farming	3
Plant Protection	Chilli	IPM in chilli.	3
	Onion	Management of purple blotch in onions.	3
Home Science	pineapple	Fibre extraction from pineapple leavesf	3
	Millets	Assessment of multigrain millets cookies	3
Soil Science	Rice	Assessment of nano urea application in rice cultivation	3
	Cauliflower and tomato	Assessment of micronutrient management in cauliflower and tomato	3
Agril. Extn.	Millet	Assessment on Knowledge Attitude & Perception of Millet	80
Total	12		112

Agronomy OFT-1

Performance of lentil in lowland rice fallow under no till condition of Bishnupur district

Crop / Enterprise	Problem with severity	Source of techno and year of release	No. of trials proposed to be Assess	Area (ha)
Rice-Lentil	Major rice areas remains fallow after the kharif season rice in the District	ICAR for NEH, Umiam, Megahalaya , 2014	5	1

Technology/ Social Concept/ methodology to be Assessed

Technology- Rice var. RC Manophou-15 followed by lentil var. IPL-316

- Harvesting of rainy season (kharif) rice will be done manually by leaving about 20 cm standing stubbles in the field.
- Sowing time: Lentil will be sown under no-till system after harvesting of rice, At physiological maturity (one week before harvesting), rice fields will be drained to get a suitable soil condition to cultivate the rabi crop lentil.
- Sowing method: Lentil will be sown by opening a narrow furrow in between two rows of rice using a manual furrow opener.
- Fertilizer: A recommended dose of 30 kg N, 60 kg P2 O5 and 40 kg K2 O/ha will be applied in furrows before sowing of lentil seeds and covered the seed with soil and FYM mixture (2:1 ratio) to give a good seed-soil contact.
- Irrigation: The crop will be raised with residual soil moisture and one lifesaving irrigation will be provided at flowering stage for better growth

Farmer Practice : Rice-fallow

Location: Kumbi, Salankonjil, Saiton, Oinam and Keinou

Parameters for assessment

New Technology/ concept/ methodology(whichever relevant) * Sowing time, planting time, Spacing, Plant height(cm) * No of tillers/hill, No. of effective tillers/hill, Date of panicle initiation, Number of panicles/hill ,Number of panicles/m2 Number of spikelet"s/panicles No of grains/panicle, Filled grains/panicle, Maturity duration (days), Test weight(g), Grain yield/m2, Straw yield/m2 ,Grain yield(q/ha) Straw yield(q/ha), Harvest Index (%), Soil pH,OC,NPK status (Before & After), Cost of cultivation, Gross Return, Net Return & BCR

Agronomy OFT-2

Assessment of suitable finger millet variety under rainfed condition of Bishnupur district

Crop / Enter-prise	Problem with severity	Technology/ Social Concept/ methodology to be	Source of techno and year of release	No. of trials proposed to be	Parameters of assessment /refinement
		Assessed		Assess	
Finger millet	Lack of improved varieties suitable in rainfed condition.	T_1-Varietal performance of finger millet var. VL- Mandua 379 with improved agronomic practices during *kharif* season T_2-VL Mandua 376 T_3- Local cultivar closed type finger millet	ICAR-VPKAS, Almora, 2018	5	New Technology/ concept/ methodology(whichever relevant) ➢ Plant height (cm) ➢ No. of ear heads per sq m ➢ No. of fingers per ear ➢ Grain weight per ear ➢ 1000 grain weight, (g) ➢ Biological yield (kg ha^{-1}) ➢ Seed yield (kg ha^{-1}) ➢ Harvest index (%) ➢ Cost of cultivation and economics
Farmer Practice : Local cultivar closed type finger millet			➢ Yield ➢ Cost of cultivation and economics		

Horticulture OFT-3

Performance of Garden Pea Var. Kasi Ageti

Crop / Enter-prise	Problem with severity	Technology/ Social Concept/ methodology to be Assessed	Source of techno and year of release	No. of trials proposed to be Assess
Garden pea Var. Kasi Ageti	Low yield	T1- ➢ Garden Pea, var. Kashi Ageti ➢ Seed rate : 80kg/ha ➢ Spacing: 60cm x 15cm. ➢ NPK : 20:60:40kg/ha	ICAR-IIVR Varanasi, 2015	4
		Farmers' Practice: T2- ➢ Garden Pea var. Arkel ➢ Seed rate : 80kg/ha ➢ Spacing: 60cm x 15cm ➢ NPK : 20:60:40kg/ha		

Parameters of assessment /refinement

- Days at 1st germination, Plant height at 30 DAP and harvesting, No. of branches at 30 DAP, Days at 1st harvesting, No. of picking, No. of pods at harvest, Crop duration(days), Yield (q/ha), Soil pH,OC,NPK status (Before & After), Cost of cultivation, Gross Return, Net Return & BCR, Incidence of pest and diseases (PDI%)

Horticulture OFT-4

Performance of Yard Long Bean var. Arka Mangala

Crop / Enterprise	Problem with severity	Technology/ Social Concept/ methodology to be Assessed	Source of techno and year of release	No. of trials proposed to be Assess
Yard Long Bean var. Arka Mangala	Low yield	T_1- Arka Mangala, Agronomic practices Seed rate: 25kg/ha Spacing: 45-60cm x 15cm FYM: 5t/ha NPK- 30:60:50 kg/ha	ICAR-IIHR 2019	4
Farmers' Practice: T_2 -Local Hawai Ashangbi Seed rate: 25kg/ha Spacing: 30cm x 30cm Urea: 350-400 kg/ha, SSP: 350-400kg/ha, MOP: 48-50 kg/ha				

Parameters of assessment /refinement

- Days at 1st germination, Plant height (cm) at 30,60,90 DAS and maturity stage (cm), Days to 50% flowering, Days to first harvest, No of branches @ 90 DAS, No of branches at maturity stage, No of pods/plants, Yield/ plant(g), Yield (q/ha), Soil pH,OC,NPK status (Before & After), Cost of cultivation, Gross Return, Net Return & BCR, Incidence of pest and diseases (PDI%)

Fishery
OFT-5

Growth Performance of ***Ompok pabda*** in monoculture fish farming

Crop / Enterprise	Problem with severity	Technology/ Social Concept to be	Source of techno and year of release	No. of trials proposed to be	Parameters of assessment/ refinement
		Assessed		Assess	
Pond Management	Prioritization for aquaculture diversification in Manipur is becoming need of the hour . A suitable culture method for nursing and rearing of O. bimaculatus is therefore very necessary to ensure reliable and regular supply of the fish and to maintain the stock of the fish at a level of conservation and rehabilitation	Technology : T-1: Stocking fish fingerlings @ 6000/ha	ICAR- NEH, Lembucherra (2016)	3	➢ Length weight ➢ Growth ➢ Cost Benefit
		Farmer practice: T-2: IMC @ 6000/ha		➢ Length weight ➢ Growth ➢ Cost Benefit	

Plant Protection OFT-6

IPM in chilli

Crop / Enterprise	Problem with severity	Technology/ Social Concept/ methodology to be	Source of techno and year release of (if any)	No. of trials proposed to be	Parameters of assessment/ refinement
		Assessed		**Assess**	
Chilli	Aphids, thrips and mites infestation	T_1: 20 sticky traps/acre; application of *beauvaria bassiana* @ 2 g/l at 10 days interval	VPKAS, ICAR 2019	3	➢ % infestation ➢ Yield (t/ha)
Farmer Practice: T_2: Existing practices of applying insecticides					➢ % infestation ➢ Yield (t/ha)

Plant Protection OFT-7

Management of purple blotch in onions

Crop / Enterprise	Problem with severity	Technology/ Social Concept/ methodology to be	Source of techno and year release of (if any)	No. of trials proposed to be	Parameters of assessment/ refinement
		Assessed		Assess	
Onion	Purple blotch is a serious disease in onion reducing yield drastically with 70% severity.	T_1: Application of *mancozeb @ 0.25%* + propiconazole @ 0.1% thrice at 10 days interval from 30 DAT.	DOGR & Junagadh Agri University	3	➢ % infestation ➢ Yield (t/ha)
Farmer Practice: T_2: Existing practices of applying insecticides					➢ % infestation ➢ Yield (t/ha)

Home Sc.
OFT-8

Extraction of pineapple fibre

Crop / Enterprise	Problem with severity	Technology/ Social Concept/ methodology to be Assessed	Source of techno and year of release	No. of trials proposed to be Assess	Parameters of assessment /refinement
Pineapple fibre	Post harvest, pineapple leaves are a problematic agrowaste.	T1-NINFET - SATHI retting accelerator @ 0.5% along with 0.5%of DAP. T2-NINFET SATHI retting accelerator @ 0.75%along with 0.5%of DAP. T3-control (water retting)	ICAR-NINFET	3	1. Fibre yield 2. Fibre properties
Farmers' Practice: Water retting					1. Fibre yield 2. Fibre properties

Home Sc. OFT-9

Assessment of multigrain millets cookies

Crop / Enterprise	Problem with severity	Technology/ Social Concept/ methodology to be Assessed	Source of techno and year of release	No. of trials proposed to be Assess	Parameters of assessment /refinement
Millets	Non availability of diversified millet value added product . 80% severity percentage	T1-multigrain millets cookies (beat 50g butter+sugar powder 30g till fully) -Add milled flour 16g (ragi, sorghum, bajar,) till soft dough and add5ml vanilla essence . -Spread one dough on butter paper and roll out . -Cut into shape. Bake for 15min and 18 ^{0}C in pre heated oven.	ICAR-IIMR Hyderabad 2018	3	1. Shelf life 2. Nutritive value 3. Taste 4. Product recovery /kg 5. Appearance 6. Colour 7. Texture 8. Production/ hour.
Farmers' Practice: NIL					

Soil Science OFT-10

Assessment of nano urea application in rice cultivation (2nd year)

Crop / Enter-prise	Problem with severity	Technology/ Social Concept/ methodology to be	Source of technology and year of release	No. of trials proposed to be	Parameters of assessment/ refinement
		Assessed		Assess	
Rice Var: RC Maniphou - 13	N losses from urea application and low inherent soil fertility	T1: Nano urea @ 3 ml/lit water at tillering and panicle initiation stage + 50 % N at basal dose + 100 % P2O5 at basal dose + 100 % K_2O at basal and tillering stage	TANU (2020)	3	➢ pH ➢ OC % ➢ Av. N,P,K kg/ha Before & after crop ➢ Yield (q/ha) ➢ B.C Ratio
Farmer Practice(T0): Farmer practice					

Discipline: Soil Science 11

1) Assessment of micronutrient management in cauliflower and tomato

Crop / Enter-prise	Problem with severity	Technology/ Social Concept/ methodology to be	Source of techno and year release of (if any)	No. of trials proposed to be	Parameters of assessment/ refinement
		Assessed		**Assess**	
Cauliflower Var: Sweta	Low yield due to imbalance use of micronutrients	Cauliflower T1: 100 % N, 75 % P_2O_5 & K_2O 50 % ZS @15 Kg/ha, BX @ 15 Kg/ha & AM @ 2 Kg/ha as soil application ZS @ 0.25 % (525 ppm), BX@ 0.25 % (262 ppm)& AM @ 0.10 % (1300 ppm) 2 time at 15-20 days interval as foliar application	Division of System Research and Engineering, ICAR, NEHR, Umiam, 2023	3	➢ Soil temperature ➢ Soil pH, OC, NPK status (before & after) ➢ Date of sowing ➢ Date of transplanting ➢ No. of harvesting ➢ Yield (q/ha) ➢ B:C Ratio
Tomato Var: Arka Rakshak		Tomato T1: 100 % N, 50 % P_2O_5 & K_2O 50 % ZS @ 5 Kg/ha, BX @ 5 Kg/ha & AM @ 0.5 Kg/ha as soil application ZS @ 0.25 % (525 ppm), BX@ 0.25 % (262 ppm)& AM @ 0.10 % (1300 ppm) 3 time at 15-20 days interval as foliar application			
T2: Farmer's Practice					

Agril. Extn. OFT-12

Assessment on Knowledge Attitude & Perception of Millet (KAP)

Crop / Enterprise	Problem with severity	Technology/ Social Concept to be	Source of technologies and year of release	No. of trials proposed to be	Parameters of assessment/ refinement
		Assessed		Assess	
Millet	Lack of awareness on health and nutritional aspects of the consumer and few growers /cultivars.	Face to face interview schedule method.	IT Gurunanak Dev, Engineering College, Ludhiana, Punjab, 2015	80	1. Knowledge 2. Attitude 3. Perception

FLDs (Discipline–Wise Summary) for 2024

Discipline	Crop/ enterprise	No. of Technology/ Social Concept/ methodology	No. of demos proposed	Area (ha) to be covered/ no. of items/activity	No. of participants/farmers to be covered
Agronomy	Blackgram	Popularization of blackgram variety IPU-02-43	10	2	10
Horticulture	Broccoli	Scientific intercropping cultivation practices.	5	2 ha	10
	Onion	Scientific cultivation practices of onion var. arka kalyan	5	2 ha	10
Fishery	Pond management	Popularisation of production of Stunted fish fingerlings	10	0.01x10= 0.10	5x2= 10
PP	Maize	Management of fall army worm in Maize	10	5	10
	Pea	Integrated pest and disease management in Pea	10	5	10
Home Science	Jackfruits	Value addition of jackfruits	5	5 village	10
Soil Science	Nutrient Management	Low cost Vermicomposting technology	5		10
	Nutrient Management	Enriched compost (Made from locally available biomass)	5		10
Agril. Extn	Millet	Participatory seed production of millet	5		10
Total	**10**		**75**	**38.1**	**110**

Agronomy FLD-1

Popularization of blackgram variety IPU-02-43

Crop / Enterprise	Technology/ Social Concept/methodology to be Demonstrated	No. of demons - trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Blackgram	Popularization of blackgram variety IPU-02-43 Seed rate: 20 kg/ha Spacing: 30cmx10 cm Seed inoculation with Rhizobium@50g+10g sugar per kg seed Seed treatment with Carbendazim+Mancozeb @ 2g/kg seed NPKS@20:40:20 kg/ha	10	2	10	▪ Plant height(cm) ▪ Branches/plant ▪ Cluster/plant ▪ Pods/plant ▪ Seeds/pod ▪ 100-seed weight(g) ▪ Seed yield/plant(g) ▪ Seed yield (q/ha) ▪ Soil pH,OC,NPK status (Before & After) ▪ Cost of cultivation, Gross Return, Net Return & BCR

Horticulture FLD-2

Popularization on Scientific Cultivation of Broccoli var. Green Magic intercropped with spice

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demons-trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted
Broccoli Var. Green Magic intercropped with coriander.	Seed rate of Broccoli-350g/ha, Seed rate of Coriander- 10kg/ha, Spacing of Broccoli- 60cm x45cm, Spacing of Coriander-15 cm apart in every row of Broccoli, Vermicompost @ 5tons/ha	5	2 ha	10

Parameters selected for demonstration
▪ Plant height(cm), Days to first harvest , Weight of head/plant, Yield (q/ha), Ratoon yield(q/ha) , Soil pH,OC,NPK status (Before & After), Cost of cultivation, Gross Return, Net Return & BCR, Incidence of pest and diseases (PDI%)

Horticulture FLD-3

Popularization on Improved cultivation practices of Onion
var. Arka kalyan

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demons-trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted
Onion Var. Arka Kalyan	Seed rate-10kg/ha, Spacing-15cmx10 cm, FYM-5tons/ha, NPK-125:60:60kg/ha	5	2 ha	10

Parameters selected for demonstration
▪ Bulb weight/ plant (g), Crop duration, Day at first harvesting, Size of bulb(cm), Yield(q/ha), Duration(days), Soil pH,OC,NPK status (Before & After), Cost of cultivation, Gross Return, Net Return & BCR, Incidence of pest and diseases (PDI%).

Fishery FLD-4

Popularisation of production of Stunted fish fingerlings

Discipline	Crop/enterprise	No. of Technology/ Social Concept/ methodology	No. of demos proposed	Area (ha) to be covered/ no. of items/activity	No. of participants / famers to be covered
Fishery	Pond management	Production technology of Stunted fish fingerlings. Stocking of IMC Fish fry at high stocking density @7,00,000-8,00,000 fry /ha for 10 months with natural feed	10	0.01x10= 0.10	5x2= 10

Parameters selected for demonstration

- Fish yield and benefit cost ratio.

Plant Protection
FLD-5

Management of fall army worm in Maize

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demons - trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Maize	Application of Emamectin benzoate 5SG @0.4g/l at the interval of 10 days. Source: IIMR, PAU Ludhiana,2019	10	5	10	➢ Pest Incidence. ➢ Yield.

Plant Protection FLD-6

Integrated pest and disease management in Pea

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demonstrations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Pea	Pre-sowing:-Summer ploughing & Removal of residue of the previous crop. Seedling and vegetative stage:- Collection and destruction of the insects laevae -application of neem oil 0.15 EC (1500 ppm) @ 3 ml/l to control aphids. ➢ Seed treatment with *Trichoderma viride* @5-10g/kg before sowing. Source: ICAR-NOFRI, Tadong-737102, Year: 2013.	10	5	10	➢ Pest incidence % ➢ Insect incidence %. ➢ Yield .

Home Science
FLD-7

Popularization of jackfruit chip

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demons-trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Jackfruit	Preparation with blanching. Cutting of fully matured unripe jackfruit .peeling and deseeding deseeded bulbs cutting longitudinal into finger like pieces. Blanching into hot water with 1%KMS for 5minutes .d Dried in @42c	5	5 village	10	1. Shelf life 2. Yield

Soil Science
FLD-8

Low cost Vermicomposting technology

Crop / Enterprise	Technology/ Social Concept/methodology to be Demonstrated	No. of demons - trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Nutrient Management	Low cost Vermicomposting technology	4		10	➢ Yield ➢ B:C Ratio ➢ Nutrient Content

Soil Science
FLD-9

Enriched compost (Made from locally available biomass)

Crop / Enterprise	Technology/ Social Concept/methodology to be Demonstrated	No. of demons - trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Nutrient Management	Enriched compost (Made from locally available biomass)	4		10	➢ Yield ➢ Nutrient content

Agril. Extn. FLD-10

Participatory seed production of millet Var. CSV-27

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demons - trations	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Millet Var. CSV-27	Participatory seed production of millet.	5	2.5	10	➢ Extension gap ➢ Technology index ➢ Yield ➢ BC ratio

Training Programmes (Discipline-wise Summary for Farmers)

Discipline		Farmer Beneficiaries (Nos.)				
	Course (No.)	On	Off	Spon.	Vocational	Total
Agronomy	5/12	40	40	-	25	105
Horticulture	5/15	40	60	0	0	100
Fishery	4/3	40	20	-	10	70
Home Science	5	50	75	0	0	125
Plant protection	4	40	40	-	80	80
Soil Science	3/12	20	20	-	20	60
Agril. Extn	10	50	80	0	0	130
Total	**46**	**280**	**335**	**0**	**155**	**670**

Training Programmes
(Discipline-wise Summary for Rural Youth) for 2024

Discipline		Rural Youth Beneficiaries (Nos.)				
	Course (No.)	On	Off	Spon.	Voc.	Total
Agronomy	4/7	20	-	-	40	60
Horticulture	5/15	45	30	0	0	75
Fishery	4/3	40	40	-	0	80
Plant Protection	5	40	40	-	15	95
Home Science	7	75	100	0	0	175
Soil Science	3/9	20	20	-	20	60
Agril. Extn	8	60	70	0	0	130
Total	**36**	**300**	**280**	**0**	**85**	**675**

Training Programmes
(Discipline-wise Summary for Extension Personnel) for 2024

Discipline		Extension Personnel (Nos.)			
	Course (No.)	On	Off	Spon.	Total
Agronomy	1/3	20	-	-	20
Horticulture	2/6	30	0	0	30
Fishery	2/3	15	15	-	30
Plant Protection	3	30	15	-	45
Home Science	3	25	50	0	75
Soil Science	2/4	15	15	-	30
Agril. Extn.	4	50	20	0	70
Total	**17**	**185**	**115**	**0**	**300**

Extension Activities

Extension Activity	Nos. Proposed	Beneficiaries (No.)			Total
		Farmers	Extn. Funct.	Rural Youth	
Diagnostic visit	96	96	-	-	96
Advisory services/ telephone talk	96	96	-	-	96
Training Manual	10	-	-	-	1000
Exposure visit	8	220	-	20	240
Extension / technical bulletin	12	-	-	-	1000
Field day	15	200	-	100	300
Method demonstration	7	150	-	10	160
Scientists' visit to farmers' field	120	80	-	40	120
Agro-Advisory (Messages/ Beneficiaries)	250	350	-	100	450
Animal Health Camp & vaccination	6	250	-	-	250
Publications	6	-	-	-	-
Total	621	1442	0	270	3712

Seed Materials

	Crop	Variety	Proposed quantity (Qt)	Current Value (Rs.)	To be provided/supplied to (Expected No. of farmers)
Cereals	Rice	RC Maniphou - 12	30	1,20,000	10
		RC Maniphou - 15	30	1,20,000	20
		RC Maniphou - 13	20	80,000	5
		CAUR-1 (Tamphaphou)	15	60,000	5
		CAUR-4 (Eenotphou)	15	60,000	5
Oilseeds	Toria	TS-38	5	40,000	6
	Mustard	NRCHB-101	5	35,000	50
Pulses	Blackgram	PU-31	5	40,000	8
	Field pea	Aman	5	30,000	8
Vegetable	Broad bean	Local hawai mubi	1.0	15,000	20
	Pea	Local 1. Hawai Tharak Makyat Mubi	0.5	10,000	25
		2. Makuchabi	0.5	10,000	25
TOTAL		**12**	**402**	**6,20,000**	**187**

Planting Materials

Item	Crop	Variety	Proposed quantity (Nos.)	Value (Rs.)	To be provided/supplied to (Expected No. of farmers)
Fruits	Papaya	Lady red Red Indian	500	5000	50
Spices	Chilli	F1	2000	1000	10
	0nion	FI	10000	2000	10
Forest Species					
Vegetables	Broccoli	F1	5000	5000	20
	Cauliflower	F1	5000	5000	20
	Cabbage	F1	12000	6000	25
	Cucurbits	F1	700	7000	60
	Tomato	FI	5000	5000	10
TOTAL	8		40200	36000	205

Bio-products 2024

Item	Product Name	Species	Proposed quantity to be produced (both at KVK farm and farmers field)		Current Value (Rs.)	To be provided to (Exp. No. of farmers)
			No.	Kg.		
Livestock strains/ fingerlings (Nos. in lakh)	Fish spawn	IMC & Exotic carp	1000	-	60,000	100
	Fish fry	IMC & Exotic carp	7,00,000	-	4,90,000	200
	Fish fingerling	IMC & Exotic carp	5,00,000	-	10.00,000	200

Status of Revolving Fund (RF) of KVK (in lakh) during 2024

Sl. No.	Activities under RF	Opening balance as on 1st April, 2023	Income during the year	Expenditure during the year	Income to be generated	Net balance in KVK as on 31st March, 2024
1	Paddy seed production, Planting materials, Fish seed production	8.40	6.70	5.23	0.6	9.87
	Total	8.40	6.70	5.23	0.6	9.87

Soil & Water Sample Analysis / Soil Health Cards (SHCs) for 2024

Sl. No.	Samples	Nos. of samples targeted	Target of Farmer beneficiaries	Village to be covered	Amount to be realised (Rs.)	Expected SHCs to be issued to farmers (Nos.)
1.	Soil sample	500	1000	10	120000	1000
2.	Water sample	530	400	25	25,000	40
	Total	1030	1400	35	14500	1040

Mobile Advisory for 2024

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	250	300	20	80	24	30	-	-	50	20	50	50	240	480
Voice only	300	300	50	75	-	-	-	-	10	50	20	-	370	425
Voice and Text both	40	60	10	20	-	-	10	10	10	-	20	30	80	120
Total	590	660	80	175	24	30	10	10	70	70	90	80	690	1025

Contingency Planning

a. Crop based Contingency planning

Contingency	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered		
			General	SC/ST	Total
Flood	Short duration rice variety CAUR-3 (100 days)	10	20	5	25
	Short duration rice variety RC-Maniphou12 (100 days)	10	20	5	25
	Short duration rice variety Pari Phou	10	20	5	25
	Introduction of Resource Conservation Technologies				
Drought	Growing of blackgram var. PU-31 and T-9 during *kharif* season	10	20	5	25
Drought	Growing of greengram var. IPM2-3 during *kharif* season				
Drought	Paira cropping of lathyrus during *rabi* season	10	20	5	25
Drought	Paira cropping of lentil during *rabi* season	2	4	1	5
	Distribution of seeds and planting materials				
	Rice var. CAUR-3 and RC Maniphou 12	20	40	10	50
	Blackgram var. T-9, Pu-31,	5	8	2	10
	Greengram var. IPM2-3				
	Training and demonstration	5	80	20	100

Functional linkages to be established with different organizations during 2024

	Name of organization	Nature of linkage
1	National Fisheries Development Board, Hyderabad	Training and demonstration.
2	Department of Biotechnology , GOI	Training and demonstration.
3	Department of Horticulture, Govt. of Manipur	Input assistance, Training and demonstration
4	Department of Agriculture, Govt. of Manipur	Input assistance, Training and demonstration
5	DDUGKY, MoRD ,GOI	Training
6	Deptt. of Forestry, Bishnupur district, Govt. of Manipur	Training
7	Central Agricultural University, Imphal	Technology back stopping
8	Department of Veterinary and Animal Husbandry	Training
9	National Bank of Agriculture & Rural Development, NABARD	Financial Assistant
10	Department of Fishery, GOM	Training and demonstration.
11	ICAR, Imphal	Technology back stopping
12	IGNOU	Education & Training
13	NIPHM, Hyderabad	Technology backstopping
14	NBAIM, Bangalore	Training
15	IIHR, Bangalore	Technology backstopping
16	PPVFR, New Delhi	Training
17	State Fisheries Department	Propagation of modern fishery technology as a resource person and through various extension activities.
18	ICICI Foundation	Training
19	Department of Environment & Forest, GoM	Training
20	LDA	Financial Assistance

Thank You

THAGATCHARI