



ANNUAL ACTION PLAN

2026

KRISHI VIGYAN KENDRA

Bishnupur District, Manipur

AN ISO 9001:2015 Institute

KSRK2512777106

Host Organisation:

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

Estd: September, 2003

Presented by

Dr. Kh. Brajamani Meetei

Sr. Scientist & Head

Suggestions/recommendations during the SAC meeting held on 30th December, 2024 *(For the year 2025)*

Sl.	Suggestions/recommendations	Action taken
1.	Dr. A.K. Singha, Principal Scientist, ATARI Zone-VII through online urge to present Action taken report of previous year and annual report before presenting the Annual action plan for 2025.	Action was taken
2.	Prof. Th. Robindro Singh, Deputy Director, CAU, Manipur Centre suggested SMS-Horticulture to recheck the BC ratio regarding OFT on Varietal performance of garden pea was found high. He further mention that SMS Plant Protection should check the spraying of insecticide at 30 days after transplanting for controlling fruit borer. He also suggests SMS Soil science to check the BC ratio of OFT on assessment of micronutrient in tomato cultivations and to check the technology regarding FLD on lowcost vermicomposting technology. He further suggest SMS Agronomy on CFLD programme for introducing new rapeseed variety for Annual report 2024.	BC Ratio on garden pea was rechecked. The sprayed of insecticide was reexamined. Similarly the suggestion of SMS-Soil Sc. and Agronomy were rechecked.
3.	Dr. L. Laishana Devi, A.O (S), Department of Horticulture & Soil Conservation, Govt. Of Manipur, urge to SMS Plant Protection should check the spraying of insecticide at 30 days after transplanting for controlling fruit borer and suggest spraying of insecticide Spinosad for controlling fruit borer for Annual Report 2024. She also suggested SMS Soil Science to provide awareness and training programmes on Nano Urea applications.	Accordingly the action was taken.
4.	Dr. L. Arjun Singh, District Veterinary Officer, Bishnupur, Govt. Of Manipur, urge PA-Animal Science to take up to take awareness regarding OFT on wound management treatment in livestock.	It was reevaluated and thus Action was taken.
5.	Shri Pukhrambam Boicha Meitei, DDM, NABARD, Bishnupur, urges KVK Bishnupur to create model village for further expansion.	Model village was established.
6.	Shri L. Amumacha Singh, Progressive Farmer, Leimaram, Manipur Centre, urge SMS-Agronomy to include Sweet corn cultivation in OFT and provide training programme on cultivation of sweet corn.	Action was taken
7.	Smt N. Arundayanti Devi, Progressive Farmer, Oinam, Manipur, urges urges KVK Bishnupur to give emphasis on integrated farming system.	Action already taken.

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	Dr. Pebam Chandrima Devi	Prog. Asstt.	Animal Sc.
9	Th. Shachimohon Singh	Prog. Asstt.	Computer
10	Mahesh Maibam	Farm Manager	Agriculture
11	L. Dinachandra Singh	Accountant / Superintendent	Non-technical
12	E. Ricky Singh	Stenographer	Non-technical
13	L. Boboshana Singh	Driver	Non-technical
14	L. Doren Meetei	Driver (heavy)	Non-technical
15	Th. Sanjoy Singh	SSG-1	Non-technical
16	Th. Sanjit Singh	SSG-1	Non-technical

On Farm Testing (Discipline–Wise Summary) for 2026

Discipline	Crop/enterprise	No. of Technology/ Social Concept/ methodology to be Assessed	No. of trials proposed
		Assessed	Assessment
Agronomy	Rapeseed mustard	Assessment of Natural Farming Practices in Local mustard (Yella) for sustainable production	5
	Field pea	Assessment of new high yielding field pea variety HFP 1428	5
Horticulture	1. Okra	Assessment of Okra var. Arka Nikita	4
	2. Broccoli	Assessment of Broccoli Var. Pusa Purple Broccoli -1	4
Fishery	Feeding Management	Effect of Vitamin C and Mineral Enriched Farm-Made Feed on Growth, Survival and Economics of <i>Labeo rohita</i> Fry	3
Plant Protection	Broad bean	Management of black aphid (<i>Aphis craccivora</i>) in broad bean.	6
	Chilli	Organic management module for insect (aphids/thrips/whitefly) transmitted virus (chilli vein mottle virus and cucumber mosaic virus in king chilli. (Common OFT)	6
Home Sc.	Banana	Value added product of banana flower (pickle)	3
Soil Science	Rapeseed	Assessment of nutrient management in rapeseed	3
	Garden pea	Assessment of nutrient management through application of Ghan jeevamrut and jeevamrut in indigenous garden pea var: Makhayat Mubi under natural farming	3
Agril. Extn.	Soil Health Card	Assessment of soil health Card Users in Bishnupur District of Manipur	120
Total	11		162

OFT-1 Agronomy

Assessment of Natural Farming Practices in Local mustard (Yella) for sustainable production (Common OFT) (2nd Year)

Crop / Enterprise	Problem with severity	Source of techno and year of release	No. of trials proposed	Area (ha)
Mustard Local Var. Yella	Underutilization of locally available resources in conventional farming leading to unsustainable production system	National Mission on Natural Farming, INMD, Department of Agriculture and Farmers welfare, New Delhi.2025	5	1

Technology/ Social Concept/ methodology to be Assessed

Technology: TO₁

1. Seed rate : 20 kg/ha (Broadcasting)
2. Seed treatment with Beejamrut @ 1lit/100 kg seed.
3. Basal application of Ghanjeevamrut @1000kg/ha at the time of field preparation.
4. Top dressing /foliar application of Jeevamrut @1500 lit/ha twice in a month.
5. Alternate application of Neemastra.
6. Trap crop in border with Marigold.
7. Mulching with paddy straw @ 6 t/ha.

T₀: Farmer practice (Conventional)

Parameters for assessment

1. Soil pH, OC, Available NPK (kg/ha) (before and after)
2. Plant height (cm)
3. No. of branches/plant
4. No. of siliquae/plant
5. No. of Seeds/silqua
6. Test weight (g)
7. Yield (q/ha)
8. Economics (Gross return Rs./ha, Net Return Rs./ha and B:C ratio)

Assessment of new high yielding field pea variety HFP 1428 (2nd Year)

Crop	Problem with severity	Technology	Source of technology	No. of trials proposed
Field pea	Lack of late sown varieties suitable under rainfed condition.	TO ₁ -Varietal performance of field pea var. HFP 1428 with improved agronomic practices during <i>rabi</i> season TO ₂ - Aman	CCSHAU, Hisar, 2021	5
Farmer Practice (T ₀): Rachna		➤ Yield (kg/ha) ➤ Cost of cultivation and economics		

Parameters of assessment	New Technology/ concept/ methodology(whichever relevant) ➤ Plant height (cm) ➤ No. of branches per sqm ➤ No. Pods per plant ➤ No. seeds per pod ➤ Seed weight per ear ➤ Biological yield (kg ha⁻¹) ➤ Seed yield (kg ha⁻¹) ➤ Harvest index (%) ➤ Cost of cultivation and economics
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Assessment of Okra var. Arka Nikita

Crop	Problem with severity	Technology	Source of technology	No. of trials
Okra	1. Fluctuation in yield and short self life. 2. Lack of introduction of institutional variety.	TO₁- Var. Arka Nikita, TO₂- Var. Kashi Chaman Agronomic practices: ❖ Seed rate: 8-10 kg/ha ❖ Spacing: 60cm x 30 cm ❖ FYM: 5-10t/ha ❖ NPK- 100:50:50 kg/ha	ICAR-IIHR, 2024 ICAR-IIVR, 2019	4

Farmers' Practice:T₀: NOH-7100 with same agronomic improved package of practices

Parameters of assessment

❖ Soil pH ❖ OC ❖ NPK status ❖ Days at 1st germination ❖ Plant height (cm) at 30 DAS ❖ Days at 1st flowering	❖ Days at 50% flowering ❖ Days at first harvest ❖ No of fruit/plant ❖ fruit weight (kg/plant) ❖ Yield (q/ha) ❖ Harvest Interval ❖ Crop duration	❖ Shelf life before market(days) ❖ Cost of cultivation ❖ Gross Return, Net Return & BCR ❖ Incidence of pest and diseases.
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Assessment of Broccoli Var. Pusa Purple Broccoli-1

Crop	Problem with severity	Technology/ Social Concept/ methodology to be	Source of technology	No. of trials
Broccoli	Low yield and lack of introduction of new Improved varieties	TO ₁ - Var. Pusa Purple Broccoli -1 TO ₂ - Var. Pusa Broccoli KTS-1 Agronomic practices: ☐ Seed rate : 400g/ha ☐ Spacing : 60cm x 45cm ☐ FYM : 5-10t/ha ☐ NPK : 120:60:60 kg/ha	ICAR-IARI, New Delhi, 2024 and 1996	4
Farmers' Practice:T ₀ - Green Magic with same agronomic improved package of practices				

Parameters of assessment /refinement

- | | |
|--|---|
| <ul style="list-style-type: none"> ❖ Soil pH ❖ OC ❖ NPK status ❖ Days at 1st germination ❖ Plant height at 50 DAT and harvesting ❖ Days at 1st harvest ❖ Weight per head | <ul style="list-style-type: none"> ❖ Crop duration(days) ❖ Yield (q/ha) ❖ Ratoon yield ❖ Cost of cultivation ❖ Gross Return ❖ Net Return & ❖ BCR ❖ Incidence of pest and diseases |
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OFT-5 Fishery

Effect of Vitamin C and Mineral Enriched Farm-Made Feed on Growth, Survival and Economics of *Labeo rohita* Fry

Crop / Enterprise	Problem with severity	Technology/ Social Concept to be	Source of techno and year of release	No. of trials	Parameters of assessment/refinement
Feeding Management	High Cost and scarcity of commercial nursery feed for marginal small farmers leading to poor growth and low returns	Technology : TO ₁ : Application of Supplemented feed @ 10 % body wt. Enriched with vitamin C (0.1%) and trace mineral (0.9%) + Rice bran +Oil cake in 0.01 Ha nursery pond for 60 days, SD-1lakh/ha	ICAR Eastern Region Patna (2022)	3	➤ Survival Rate (%) ➤ Growth Performance ➤ Water Quality Parameters ➤ Whole-Body Mineral Composition ➤ Feed Cost and Input Use Efficiency ➤ Statistical Significance

Farmer practice:

T₀: Application of feed Rice Bran & oil cake (1:1)@10% of body for *Labeo rohita* Fry, SD-1lakh/ha

- Survival Rate (%)
- Growth Performance
- Water Quality Parameters
- Whole-Body Mineral Composition
- Feed Cost and Input Use Efficiency
- Statistical Significance

Management of black aphid (*aphis craccivora*) in broad bean

Crop	Problem with severity	Technology	Source of technology	No. of trials	Parameters of assessment
Broad bean	High infestation of aphids.	TO₁: 1. Yellow sticky traps @ 8 per acre 2. 5% NSKE/Neemastra with during initial stage (Melia azadirach can be used if neem is not available) 3. Vitex leaf decoction at severe infection	National Mission on Natural Farming INMD Department of Agriculture, & Farmers Welfare, New Delhi – 2025	6	➤ % infestation ➤ No of infested plant ➤ Pest incidence% ➤ Crop damage % ➤ Mean population ➤ Cost benefit ratio. ➤ Yield (t/ha)
Farmers' practice: T₀: Application of fipronil 0.3G					

OFT-7 Plant Protection

Organic management module for insect (aphids/thrips/whitefly) transmitted virus (chilli vein mottle virus and cucumber mosaic virus in king chilli. (Common OFT) (2nd year)

Crop	Problem with severity	Technology	Source of technology	No. of trials
King chilli	Viral disease of chilli CVMV, & (CMV)	TO₁: Growing maize in border row of the plots 20-25 days prior to transplanting of king chilli. Mulching of the inter-row spaces with paddy straw/silver plastic mulch.	ICAR-RC Manipur Centre (2019)	6

T₀: Farmers practice (Spinosad 45% @ 0.32 ml/ltr water)

Parameters of assessment	➤ No. of fruit/plant ➤ % of disease incidence ➤ No. of damage Crop damage ➤ Aphids population/plant
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Value added product of banana flower pickle

Crop	Problem with severity	Technology	Source of technology	No. of trials	Parameters of assessment
Banana	Wastages of banana flower	TO₁: ➤ 3 cups chopped banana florets from approximately 3 medium flowers) ➤ 4 tbsp lemon juice or 60g tamarind (extracted into a thick paste) ➤ 1cup sesame (gingelly oil) ¼ cup red chilli powder. ➤ 1tbs turmeric powder. ➤ 1/2tsp asafoetida. ➤ 1tsp each of mustard seeds and cumin seed. ➤ 1tsp fennel powder and 1tsp coriander powder. ➤ 10-12 garlic cloves chopped. ➤ 2tbsp jaggery. ➤ Salt to taste (approximately 1/4 cup)	TNAU (2022)	3	❖ Shelf life ❖ Flavour ❖ Product recovery per kg ❖ Appearance ❖ Acceptability ❖ Nutritional benefit
Farmers' Practice (T ₀): Normal sun drying.					

Crop	Problem with severity	Technology	Source of technology and year of release	No. of trials	Parameters of assessment
Rapeseed Var: TS-38	N losses from urea application and low inherent soil fertility	TO ₁ : Two foliar applications of 1% Urea at flowering and pod filling stage + recommended dose of fertilizer @ 50 kg N/ha, 60 kg P ₂ O ₅ kg/ha, 30 kg K ₂ O /ha	Assam Agriculture University (AAU), 2015	3	➤ Sowing date ➤ pH ➤ OC % ➤ Av. N,P,K kg/ha Before & after crop ➤ Harvesting date ➤ Yield (q/ha) ➤ B.C Ratio

Farmer Practice(T₀): Farmer practice (Blanket application of Urea only)

Assessment of nutrient management through application of Ghan jeevamrut and jeevamrut in indigenous garden pea var: Makhayat Mubi under natural farming

(First year)

Crop	Problem with severity	Technology/ Social Concept/ methodology to be	Source of techno and year release of (if any)	No. of trials	Parameters of assessment/ refinement
Garden pea Var: Makhayat mubi	Soil degradation due to frequent use of chemical fertilizer.	TO₁: ❖ Application of Ghan jeevamrut @10 q/ha at land preparation. ❖ Jeevamrut @10 % at 15 days interval at branching, flower initiation and pod formation stages.	National Mission on Natural Farming, INMD, Department of Agriculture & Family Welfare, New Delhi, 2025	3	➤ Soil pH, OC, NPK status (before & after) ➤ Micronutrient (Zn, B, Mo) status ➤ Date of sowing ➤ Date of transplanting ➤ No. of harvesting ➤ Yield (q/ha) ➤ B:C Ratio
T₀: Farmer's Practice (NPK @ 20:50:40 Kg/ha)					

Assessment of Soil Health Card Users in Bishnupur District of Manipur

OFT (Common)

Problems: Lack of Scientific study resulted in inefficient implementation and adoption of SHC

Crop/ Enterprise

/ Thematic area : Soil Health Card in
rice cultivation

No. of Farmers : 120 SHC users

No. of village : 10

Parameters of assessment :

- Socio-personal characteristic
- Information source Utilization
- Reasons for Continuation & discontinue
- Problem faced by the various Stakeholders (SHC Users & Non Users and Institutions/Organization)
- Extension gap
- BC ratio of SHC Users & Non-Users in rice cultivation

Methodology:

- Sample of 120 farmers were selected
(60 SHC Users & 60 Non-Users)
- Data will be collected using structural interview schedule
- Sampling design: Stratified Purposive random sampling
- Data will be analysed through mean, frequency and percentage.
- Perception Scale : Likert's Scale
- For Level of Perception: 11 Statements on Five points continuum Scale for getting the response of the farmers.

Source of technology and year of release

Acharya N G Ranga Agricultural University, Andhara Pradesh, 2022

FLDs (Discipline–Wise Summary)

Discipline	Crop/ enterprise	No. of Technology/ Social Concept/ methodology	No. of demos propose d	Area (ha) to be covered/ no. of items/activity	No. of participants/fam ers to be covered
Agronomy	Rice-lentil	Popularization of rice-lentil cropping system	10	2	10
Horticulture	Yard long bean	Popularization on Scientific cultivation of Yard long bean var. Arka Mangala	5	2 ha	10
	Garden Pea	Popularization on Scientific cultivation of Garden pea var. Kashi Ageti	5	2 ha	10
Fishery	Grow out	Popularisation of Grass Carp <i>Ctenophyrngodon idella</i> feeding with Napier Grass (forage cropes)	10	-	10
PP	Field pea	Management of pod borer (<i>Heliothis armigera</i>) in field pea.	10	5	10
	Rice	Management of false smut (<i>ustilago virens</i>) disease in rice.	10	10	10
Home Science	Millets	Popularization of Multi grain millets cookies	10	5 villages	10
	Pineapple	Popularization of pineapple leaf fiber	5	5 village	10
Soil Science	Nutrient Management	Popularization of Phosphorous management in Rice-Mustard sequence	5	2	10
A. Sc.	Poultry	Popularization of Srinidhi birds	5	5 Village	5
Total	10		75		95

Crop / Enterprise	Technology/ Social Concept/methodology to be Demonstrated	No. of demo	Area to be covered	No. of farmers to be	Parameters selected for demonstration
Rice-lentil	Popularization of rice (var. RC Maniphou 15) – Lentil (var. IPL 220) cropping system. Seed rate: 60kg/ha (Rice), 40 kg/ha (lentil) Spacing: 20 cm X 10 cm (rice), broadcasting (lentil) NPK kg/ha- 60:40:30 kg/ha (Rice) Lentil: Application of NPKS @ 40:20:20:20 kg/ha. Inoculation of seed with Rhizobium spp. @ 50g/kg seed + 10 g sugar/kg seed Source: ICAR-NEH 2018	10	2	10	1. Plant height (cm) 2. No. of tillers or branches/plant 3. No. of panicle or pods/plant 4. No. of grains or seeds/panicle or pod 5. Test wt. (g) 6. Biological yield (kg/ha) 7. Economic yield (kg/ha) 8. Harvest index (%) 9. Rice equivalent yield (kg/ha) 10. System productivity (kg/ha) 11. System profitability (Rs./ha) 12. Cost of cultivation (Rs/ha) Gross Return (Rs./ha), Net Return (Rs/ha) & BCR 13. Price (Rs./kg) Soil pH, OC, NPK status (Before & After)

Popularization on Scientific Cultivation of Yard long bean var. Arka Mangala (F1) (2nd year)

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
Yard Long Bean	Variety- Arka Mangala, Agronomic practices Seed rate : 25kg/ha Spacing : 45-60cm x 15 cm FYM : 5t/ha NPK : 30:60:50 kg/ha Check : Local variety Hawai Ashangbi	5	2 ha	10

Parameters selected for demonstration

- ❖ Days to 1st harvest
- ❖ Yield(q/ha)
- ❖ Crop duration
- ❖ Cost of cultivation
- ❖ Gross Return
- ❖ Net Return &
- ❖ BCR.

Popularization on Scientific Cultivation of Garden Pea Var. Kashi Ageti (F1)

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demonstrations	Area (ha)	No. of farmers
Garden Pea	➤ Var. Kashi Ageti (F1) Agronomic practices ➤ Seed rate : 80kg/ha ➤ Spacing : 45-60 cm x 20cm ➤ NPK : 20:60:40kg/ha ➤ Check : Pea Variety Arkel	5	2 ha	10

Parameters selected for demonstration	❖ Days to first harvest ❖ Crop duration ❖ Yield (q/ha) ❖ Cost of cultivation ❖ Gross Return ❖ Net Return & ❖ BCR
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Popularisation of Grass Carp *Ctenophyrngodon idella* feeding with Napier Grass (forage crops)

Discipline	Crop/enterprise	No. of Technology/ Social Concept/ methodology	No. of demos proposed	Area (ha) to be covered/ no. of items	Parameters
Fishery	Grow out	Technology : Feeding of grass carp fingerlings feeding with chopped Napier Grass (forage crops) while stocking @ 650 Fingerlings /0.1 ha in a period of 8 months. Check: Conventional feeding method.	10	-	10

Source: ICAR- Eastern Region , Patna (2024)

Management of pod borer (*Heliothis armigera*) in field pea.

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demo	Area (ha)	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Field pea Var. Prakash	☐ Spraying of chlorantraniliprole 18.5 SC @ 0.3ml/ltr. ☐ Treatment with spray volume of 450 ltr/ha at pest incidence.	10	10	10	➤ % infestation. ➤ No. of pods infested. ➤ Yield per ha ➤ B:C ratio .

SOURCE: AICRP on MULLARP, Shillongani, Nagaon 2021

Management of false smut (*ustilago virens*) disease in rice.

Crop / Enterprise	Technology/ Social Concept/ methodology to be Demonstrated	No. of demonstrations	Area (ha)	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Rice	Application of copper oxychloride 50% @ 0.3% at booting, 50% panicle emergence, 100 % panicle emergence. SOURCE: TNAU-2013	10	10	10	➤ No. of infested plant ➤ % infestation ➤ Yield per ha ➤ B:C ratio .

Popularization of Multi grain millets cookies

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
Millets	Beat 50g butter + sugar powder 30g till fluffy. Add milled flour 16g (Ragi, sorghum, bajra) till soft dough and add 5ml vanilla essence. Spread one dough on butter paper and roll out. Cut into shapes. Bake for 15 min and 180⁰C in pre heated oven.	10	5 villages	10	❖ Shelf life. ❖ Nutritive value. ❖ Taste. ❖ Product recovery per kg. ❖ Appearance. ❖ Colour. ❖ Texture ❖ BC ratio

Source : ICAR-IIMR Hyderabad 2018

Popularization of diversified pineapple leaf fiber

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
Pineapple leaf	Extraction of pineapple leaf fiber by retting. (NINFET) SATHI retting accelerator @ 0.5% of DAP.	5	5 villages	10	➤ Product developed ➤ BC ratio

Source: ICAR-NINFET, 2021

Popularization of phosphorus management in rice mustard sequence

Crop / Enterprise	Technology/ Social Concept/methodology to be Demonstrated	No. of demo	Area (ha)/ No. of activity/ items to be covered	No. of farmers to be covered/ benefitted	Parameters selected for demonstration
Rice and Mustard	Rice treated with 75% of RD (40 P₂O₅ kg/ha) of P₂O₅ + PSB 50g/kg seed and mustard treated with 75% of RD (60 P₂O₅ kg/ha) of P₂O₅ Check: No PSB treatment.	5	2	10	➤ Initial fertility ➤ Date of sowing ➤ Date of harvest ➤ Yield and yield parameters ➤ B:C Ratio

Source: RARS, Shillongoni, Nagaon, AAU, 2017

Popularization of Srinidhi birds

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
Poultry	Popularization of Srinidhi birds	5	-	5	➤ Viability % ➤ Body weight. ➤ Age at 1st egg. ➤ FCR ➤ B:C Ratio

Source:

ICAR-Poultry Seed Project, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Shuhama, Alusteng, Srinagar, 2019

Training Programmes

(Discipline-wise Summary for Farmers)

Discipline	Course (No.)	Farmer Beneficiaries (Nos.)				
		On	Off	Spon.	Vocational	Total
Agronomy	5/12	40	40	-	25	110
Horticulture	5/15	40	60	0	0	105
Fishery	4/3	40	20	-	10	74
Home Science	5	50	75	0	0	130
Plant protection	4	40	40	-	80	164
Soil Science	3/12	20	20	-	20	63
Animal Sc.	5/14	20	60	-	20	105
Agril. Extn	10	50	80	0	0	140
Total	31/66	300	395	0	155	891

Training Programmes

(Discipline-wise Summary for Rural Youth)

Discipline	Course (No.)	Rural Youth Beneficiaries (Nos.)				
		On	Off	Spon.	Voc.	Total
Agronomy	4/7	20	-	-	40	67
Horticulture	5/15	45	15	0	15	90
Fishery	4/3	40	40	-	-	83
Plant Protection	5	40	40	-	20	100
Home Science	7	75	100	0	0	175
Soil Science	3/9	20	20	-	20	69
Animal Sc.	5/15	40	40	-	20	115
Agril. Extn	8	60	60	0	0	120
Total	21/49	340	315	0	115	819

Training Programmes

(Discipline-wise Summary for **Extension Personnel**)

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	2	15	15	-	30
Home Science	3	25	50	0	75
Soil Science	2/4	15	15	-	30
Animal Sc.	2/6	15	15	-	30
Agril. Extn.	4	40	20	0	60
Total	9/32	185	145	0	330

Extension Activities

Extension Activity	Nos. Proposed	Beneficiaries (No.)			Total
		Farmers	Extn. Funct.	Rural Youth	
Diagnostic visit	100	100	-	-	200
Advisory services/ telephone talk	150	150	-	-	300
Training Manual	6	-	-	-	6
Exposure visit	8	220	-	20	248
Extension / technical bulletin	12	-	-	-	12
Field day	9	100	50	100	259
Method demonstration	6	40	20	40	106
Scientists' visit to farmers' field	50	20	5	25	100
Agro-Advisory (Messages/ Beneficiaries)	300	350	-	100	750
Animal Health Camp & vaccination	6	250	-	-	256
Publications	6	-	-	-	6
Total	653	1230	75	285	2243

Seed Materials

Seed Materials	Crop	Variety	Proposed quantity (Qt)	Current Value (Rs.)	To be provided/supplied to (Expected No. of farmers)
Cereals	Rice	RC Maniphou - 12	10	50,000	5
		RC Maniphou 15	10	50,000	5
		RC Maniphou - 16	20	1,00,000	10
		CAUR-1 (Tampaphou)	15	60,000	5
Oilseeds	Rapeseed	TS-38	5	40,000	6
	Groundnut	CAUGS-1	10	90,000	10
Pulses	Blackgram	PU-31	5	40,000	8
	Field pea	Aman	5	30,000	8
Vegetable	Broad bean	Local <i>Hawai mubi</i>	2	30,000	25
	Garden pea	Local <i>Hawai Tharak Makyat Mubi & Makuchabi</i>	1.5	60,000	30
	Cauliflower	<i>Tha Animakhai chabi</i>	0.001	40,000	25
TOTAL			83.5	5,90,000	137

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	5,000	50
Spices	Chilli	F1	12,000	6,000	20
	Onion	FI	50,000	3,000	20
	Capsicum	F1	1,000	2,000	10
Vegetables	Broccoli	F1	5,000	10,000	20
	Cauliflower	F1	5,000	5,000	20
	Cabbage	F1	10,000	10,000	25
	Cucurbits	F1	2,000	10,000	50
	Tomato	FI	12,000	9,000	35
TOTAL	9		97500	60,000	250

Production and Revenue to be generated by KVK from different sources

a. Seed production

Sl. No.	Crop	Production and revenue generation	
		Production (q)	Revenue (lakh)
A.	Cereal		
	Rice (RC Maniphou-12,15,16 & CAUR-1)	65	3,10,000
B.	Oilseeds		
	1. Rapeseed (TS-38)	5	40,000
	2. Groundnut (CAUGS-1)	10	90,000
C.	Pulses		
	1. Blackgram (PU-31)	5	40,000
	2. Field pea (Aman)	5	30,000
D.	Vegetables		
	1. Broad bean (Local <i>Hawai mubi</i>)	1.5	22,000
	2. Garden pea (Local <i>Hawai Tharak Makyat Mubi & Makuchabi</i>)	1.5	60,000
	3. Cauliflower (<i>Tha Animakhai chabi</i>)	0.001	40,000
	Total	93.001	6,32,000

b. Planting Materials/ Seedlings to be produced

Sl. No.	Planting materials	Production and revenue generation	
		Production (No.)	Revenue (lakh)
A.	Vegetables		
	1. Broccoli (F1)	5,000	10.000
	2. Cauliflower (F1)	5,000	5,000
	3. Cabbage (F1)	10,000	10,000
	4. Cucurbits (F1)	1,000	7,000
	5. Tomato (F1)	10,000	7,500
B.	Fruits		
	Papaya (Red lady)	500	5,000
D.	Tree species		
	Chilli (F1)	10,000	5,000
	Onion (F1)	50,000	3,000
	Capsicum (F1)	1,000	2,000
	Total	92,500	44,510

c. Livestock strains/ Fingerlings to be produced

Sl. No.	Livestocks	Production and revenue generation	
		Production (No.)	Revenue (lakh)
B.	Poultry		
	1. Chicks (RIR)	16000	0.64 lakhs
D.	Fisheries/ Fingerlings (nos. in lakh)		
	1. IMC & Exotic fingerling	10,00,000	5 lakhs
	Total	106000	5.64 lakhs

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

Sl. No.	Activities under RF	Opening balance as on 1 st April, 2025	Income during the year	Expenditure during the year	Income to be generated	Net balance in KVK as on 31 st Dec., 2025
1	Paddy seed production, Planting materials, Fish seed production	9.87	6.25	5.70	0.55	10.42
	Total	9.87	6.25	5.70	0.55	10.42

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.)	Expected SHCs to be issued to farmers (Nos.)
1.	Soil sample	250	500	10	60000	500
2.	Water sample	600	300	48	40,000	48
	Total	850	800	58	100000	548

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	300	380	25	90	35	42	-	-	80	38	60	60	500	610
Voice only	370	380	55	100	-	-	-	-	10	50	20	-	455	530
Voice and Text both	90	100	20	40	-	-	5	10	22	-	25	40	162	190
Total	760	860	100	230	35	42	5	10	112	88	105	100	1117	1330

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 <i>kharif</i> season	10	20	5	25
Drought	Growing of greengram var. IPM 02-3 during <i>kharif</i> season				
Drought	Paira cropping of lathyrus during <i>rabi</i> season	10	20	5	25
Drought	Paira cropping of lentil during <i>rabi</i> 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. IPM 02-3	2	5	5	10
	Finger Millet var. VL Mandua - 376 & 379	2	5	5	10
	Training and demonstration	5	80	20	100

b. Livestock based Contingency Planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Number of birds/ animals to be distri- buted	No. of programm es to be under- taken	No. of camps to be organized	Proposed number of animals/ birds to be covered through camps	Number of beneficiaries proposed to be covered		
					General	SC/ST	Total
Drought	Chicks	10	4	10 X 500 = 5000	350	150	500
Flood	40,000 Fish fingerling	4	4	4 x 10,000 fish fingerling	30	10	40

Functional linkages to be established with different organizations

	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
15	IIHR, Bangalore	Technology backstopping , Seed under NEH Prog.
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
21	NSDC	Training & Demonstration

Natural Farming proposed during 2026

No. of demonstration s conducted	Participants		No. Trainings	Participants		No. of Awareness Programs	Participants	
	SC/ST	Others		SC/ST	Others		SC/ST	Others
3	0	3	4	20	80	4	20	80

MGMG of KVK 2026

No of Villages	Participants		No of Visit made	Participants		No of demonstr ation	Participants		No of Farmers meeting	Participants	
	SC/ST	Others		SC/ST	Others		SC/ST	Others		SC/ST	Others
5	100	350	5	100	450	5	1	4	5	100	450

Thank You
THAGATCHARI