

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Agricultural Technology Application Research Institute, Zone-VII
Umiam, Meghalaya
Format for Annual Action Plan Formulation of KVKs 2025

Name of the KVK/District: KVK,Thoubal

Present Staff Position in KVK,Thoubal

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline
1.	Dr. S. Zeshmarani	F	Gen	Senior Scientist & Head	Animal Science
2.	Dr.Kh. Premrata Devi	F	SC	SMS	Horticulture
3.	R.K. Lembisana Devi	F	Gen	SMS	Home Science
4.	Sribidya Waikhom	F	Gen	SMS	Fisheries
5.	Dr. Chuwang Hiam	M	Gen	SMS	Plant Breeding and Genetics
6.	Longjam Boris Singh	M	Gen	SMS	Plant Protection
7.	Dr. W. Jiten Singh	M	Gen	Farm Manager	Agronomy
8.	L. Babita Devi	F	Gen	Program Assistant	Computer
9.	O.Shilhenba Singh	M	Gen	Assistant	Commerce
10.	S.Prabin Singh	M	Gen	Programme Assistant	Agriculture Extension
11.	M. Geeta Devi	F	Gen	Steno cum Computer Operator	
12.	M. Hemanta Singh	M	Gen	Driver cum Mechanic	

13.	Th.Tiken Singh	M	Gen	Driver cum Mechanic	
14.	S. Dhabali Singh	M	Gen	Peon cum Chowkidar	
15.	Mangminthang Zou	M	ST	Peon cum chowkidar	
Total : 15					

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2025

Name of the concerned Subject Matter Specialist : Dr. Chuwang Hijam

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Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	Assess /Refin e	Area (in Ha)	No of trial	Locatio n	Period and Duration	Number of beneficiaries						Grand Total
									SC/ST			General			
									M	F	Tota l	M	F	Tota l	
On farm testing	Title: Assessment of Indian Mustard Var. PM-32 Thematic Area: Varietal Evaluation	T ₁ : (PM-32) Maturity Duration: 142 DAS Potential Yield: 27.10 Q/Ha	IARI, New Delhi, 2020	Assessment	1.25 ha	5	Nongpok Sekmai, Lourem bam, Salungp ham, Thoubal Wangm ataba and Khanga bok	1 st Fortnight of Nov 2025 to March,26	1	1	2	2	1	3	5
		142 days													

		remaining 44 kg with remaining 17 kg MOP should be applied at 25-30 days after first application													
	Title: Assessment of Rice Var. CAU R5 Thematic Area: Varietal Evaluation	T ₁ : CAU R5 Maturity Duration: 130 DAS Potential Yield:7 Q/Ha T ₂ : CAU R4 Maturity Duration: 130 DAS Potential Yield: 4.5 Q/Ha T ₀ : CAU R1 Maturity Duration: 130 DAS Potential Yield: 6 Q/Ha Seed rate (Direct seeded): 60 Kg /ha Seed rate (Transplanted): 50 kg/ha Seed treatment: Carbendazim @ 2gm/kg seed Plant Geometry (Row X Plant): 20 cm X 10 cm Fertilizers recommendations: 60:40:40 Kg/ha (N:P:K); ½ N, full P & 2/3 K as basal; ¼ N at 25-30 DAT & ¼ N + 1/3 K at P.I stage Transplanting: 2 seedlings per hill	CAU, Imphal 2024	Assessment	1.25 ha	5	Lourem bam, Thoubal Khunou Kakching, Ukhong sang and Ingourok	Last week of June to 1 st week of Nov,25 130 days	1	1	2	2	1	3	5

		Transplanting age: 21-25 DAS												
Mandated activities Front line Demonstration	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
	Title: Popularization of Rice Var. RC Maniphou-16 Thematic Area: Seed Production	T ₁ : RC Maniphou-16 Maturity Duration: 139 DAS Potential Yield: 7.3 Q/Ha T ₀ : RC Maniphou-13 Maturity Duration: 135 DAS Potential Yield: 7.0 Q/Ha Seed rate: 60 Kg /ha Seed treatment: Carbendazim @ 4gm/kg seed Plant Geometry (Row X Plant): 20 cm X 15 cm Fertilizers recommendations: 60:40:30 Kg/ha (N:P:K); ½ N, full P & 2/3 K as basal; ¼ N at 25-30 DAT & ¼ N + 1/3 K at P.I stage Transplanting: 2 seedlings per hill	ICAR-NEH, RC Manipur Center, 2022	10	2.5	Nongpok Sekmai, Lourembam, Wangjing, Thoubal and Khangabok	Last week of June to 1 st fortnight of Nov,25 135 to 139 days	2	1	3	5	2	7	10
	Title: Popularization of Sweet corn Var. Madhuri	T ₁ : Madhuri Maturity Duration: 85 DAS for first harvest	ANGRA U,Hyder	10	2.5	Khangabok , Kakching,	1 st week of June to	2	1	3	5	2	7	10

	Thematic Area: Crop production	Potential Yield: 83.3 Qntl. Green cobs/Ha T ₀ : Megha Maize 2 Maturity Duration: 82 DAS for first harvest Potential Yield: 82 Q Green cobs/Ha Seed treatment - Captan + Carbendazim (1:1) 2.0 g/kg of seed Sowing period: May-June (in mid-hills) Seed rate- 12 kg/ha Spacing (Line sowing), Row to row distance: 60 cm, plant to plant: 25 cm Fertilizer doses & time of fertilizer application - 90:60:40 kg N:P:K/ha; Basal: 1/3 N, P & K; 1/3 N: at knee height, 1/3 N: at tasseling Weed control- Pre emergence (2 DAS): Atrazine @ 1.0 kg a.i./ha / Alachlor @ 2.0 kg a.i./ ha + One HW weeding at 30–35 DAS followed by earthing up at knee high stage	abad,1990			Wangjing, Khongjom, Hijam Khunou, Langathel , Kiyam Siphai and Wabagai	September, 2025 85 Days							
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campuses	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Total	M	F	Total		

On and Off campus training programmes	Farmer and Farm women	Cultivation practices and importance of quality seeds as critical input of Kharif Oilseeds (Groundnut & Soybean) Thematic area: Seed Production	1	April, 25	1	OFF	5	5	10	3	2	5	15	
		Seed Production of Kharif rice Thematic area: Seed production	1	June, 25	1	OFF	3	2	5	7	3	10	15	
		Seed production of oilseed (Rapeseed-Mustard): Thematic area: Seed Production	1	Oct, 25	1	ON	3	2	5	7	3	10	15	
		Post harvest management for pulse and tuber crops Thematic area: Post harvest management	1	March, 25	1	OFF	3	2	5	7	3	10	15	
	Rural Youth	Cultivation and seed production of major and minor millets Thematic area: Crop production	1	May, 25	1	OFF	3	2	5	7	3	10	15	
		Conservation Agriculture practices based on cropping system of rice followed by pulse Thematic area: Resource Conservation	1	Nov, 25	1	ON				10	5	15	15	
	Extension Personnel	Importance of IPR and PPVFRA Thematic area: Resource Conservation	1	July, 25	1	ON	3	2	5	7	3	10	15	

	Civil Society	Awareness program on seed legislation of India	1	Jan, 26	1	ON				10	5	15	15	
	NGO (including school drop outs)	Basic scientific agricultural practices (calculation of seed rate, fertilizer dose, pesticide dose) Thematic area: Crop Production	1	Dec,25	1	ON	3	2	5	7	3	10	15	
	Others													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Strengthening Seed production through involvement of FPO for Oilseed and pulses Thematic area: Seed production	3	August, 25	5	OFF	3	2	5	7	3	10	15	
	Extension Personnel	Basics principle for seed production including hands on practices for determination of germination %, Purity etc Thematic area: Seed production	3	Sep,25	5	ON	3	2	5	7	3	10	15	
	Civil Society													
	NGO(including school drop outs)													
	Others													

Sponsored Training Programs	Farmer and Farm women	Importance of Plant Genetic Resources and its conservation techniques Thematic area: Natural Resource management		Feb,26	3	ON	2	5	7	3	10	15		
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others													

Discipline: Plant Protection

Name of the concerned Subject Matter Specialist: Longjam Boris Singh

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Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in Ha)	No of trial	Location	Period and Durati on	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Tota l	M	F	Tota l	
On farm testing	Integrated pests management	Management of fall army worm (<i>Spodoptera frugiperda</i>) in maize Var. Madhuri T₁(Technology) <ul style="list-style-type: none">Application of <i>Metarhizium anisopliae</i> talc formulation (1x10⁸ cfu/g) @ 5g/litre whorl application at 25 days after sowing2nd and 3rd spray applied at 10days interval T₀(Farmers practice) <ul style="list-style-type: none">Application of neem oil 0.3 % @ 5 ml/lt. one week after sowing as oviposition deterrent T₂ <ul style="list-style-type: none">Application of <i>Bacillus thuringiensis</i>	ICAR Researc h Comple x for NEH Region, Umiam Meghala ya, 2019	Assese ment	1.5 ha	5	Wangmat aba, Heirok, Louremba m, Ukhongsa ng and Ingourok	July 2025- Nove mber, 2025	1		1	3	1	4	5
		Dept. of Agricul ture,Go vt. Of Manipu r													

		<ul style="list-style-type: none"> Spraying of Application of Fipronil 0.3G Application done by drenching method applied at the time of pest initiation (ETL=2 grubs/sq. ft.) 	Regional Station, Shillong , Meghalaya Recommendations as per Dept, of Agriculture, Govt. Of Manipur											
Mandate Activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front line demonstration	Integrated Disease Management	Management of Stem rot disease in rice (1st Year) Technology <ul style="list-style-type: none"> Field sanitation (Summer ploughing removal of fungal sclerotia). Balance application of recommended 	ICAR Research Complex for NEH-Sikkim Center, 2016	10	2.5	Khangabok , Kakching, Wangjing, Khongjom, Papal	July 2025 – December 2025	2	1	3	7	2	9	12

		dose of fertilizer(N:P:K 60:40:40 Kg/Ha). Farmer practice <ul style="list-style-type: none">Spraying of Propiconazole 25 % EC @2ml/lt at 10, 20 days after incidence (500-750ml/ha).												
	Integrated Pests Management	Management of pod borer complex in field pea (1st Year) <ul style="list-style-type: none">Spraying of chlorantraniliprole 18.5SC @ 0.3ml/litreApplication of treatment with a spray volume of 450 litres per ha at pest incidence Farmer practice <ul style="list-style-type: none">Application of Lambda Cyhalothrin 5 EC @ 1ml/litreTreatments given twice at pest incidence during the crop growth period	AICRP on MULLaR P, Shillonga ni,Nagaon -2, 2021	10	2.5	Khangabok . Kakching, Wangjing, Khongjom, Hijam Khunou, Langathel, Kiyam Siphai, Wabagai	December 2025-March 2026	6	4	10	9	3	12	22
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Durat ion (in days)	On/Off campu s	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		

On and Off campus training programmes	Farmer and Farm women	Biological control agents for pest and disease management.	1	May	3	Off	12	3	15	15	0	15	30	
		Management of major pests in maize	1	June	3	Off	10	2	12	10	8	18	30	
		Advances in the management of pests in Rice	1	August	3	Off	12	3	15	15	0	15	30	
		Management of major disease in Onion	1	December	3	Off	10	5	5	7	8	15	30	
	Rural Youth	Application of 4 pillars of Natural Farming	1	November	3	Off	11	4	15	14	1	15	30	
		Cultivation Practice of Mushroom	1	April, 2025	3	Off	12	3	15	11	4	15	30	
	Extension Personnel	Recent trends in integrated Pest management for crop improvement	1	February, 2026	3	On	10	5	15	10	5	15	30	
	Civil Society	Integrated disease management modules for rice	1	January, 2026	3	Off	10	5	15	10	5	15	30	
	NGO (including school drop outs)	Integrated disease management modules for rice	1	July	3	On	8	7	15	9	6	15	30	
Sponsored training programmes	Farmer and Farm women	Skill Trg. prog. on sericulture	1	October	3	On	5	5	10	6	4	10	20	
	Rural Youth	Cultivation of year round mushroom	1	March, 2026	3	On	2	8	10	12	8	20	30	
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)	Improved techniques of vermicomposting		September	3	On	2	8	10	12	8	20	30	
	Others													

Discipline: Horticulture

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Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Ar ea (in Ha)	No of trial	Locatio n	Period and Duratio n	Number of beneficiaries						Grand Total
									SC/ST			General			
									M	F	Tota l	M	F	Tota l	
On farm testing	Varietal Evaluation	Performance of watermelon variety Arka Shyama ➤ Seed rate: 3 kg/ha ➤ Spacing: 120 x 60 cm ➤ Sowing time : February to March ➤ Transplanting : 25 - 30 DAS ➤ Seed treatment: <i>Trichoderma viride</i> @ 4g/kg of seed. ➤ Nutrient requirement: NPK: 100:50:50kg/ha, all NPK as basal dose.	IIHR-ICAR, Bangaluru, 2020	A	0.5	5	Kakching, Langathel, Khangabok & Yairipok	April, to July, 2025	-	1	1	3	1	4	5
		Performance of Cowpea var. Kashi Nidhi ➤ Seed rate-25 kg/ha	ICAR-IIVR, Varana	A	0.5	5	Thoubal Wangmataba, Khangabok.	August to Nov.,2025		1	1	3	1	4	5

		<div>➤ Spacing-20x15 cm</div> <div>➤ Planting time – August</div> <div>➤ Seed Treatment: Trichoderma viride@4g/kg of seed</div> <div>➤ Nutrient requirement: 20:60:40 kg/ha(as basal dose)</div>	si, 2012				wangjin g, Salungp ham, Kakchin g, Lourem bam								
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries							
								SC/ST			General			Grand Total	
								M	F	Total	M	F	Total		

Front Line Demonstration	Vegetable production	Popularization of Garden Pea variety- Kashi Ageti ➤ Seed rate - 80kg/ha ➤ Spacing- 30 x 15 cm ➤ Planting time – September- October ➤ Seed treatment - Trichoderma viride @ 4g/kg of seed. ➤ Nutrient requirement: NPK: 20: 60: 40kg/ha. As basal dose.	ICAR-IIVR, Varanasi, 2015	8	0.75	Salungpham, Kakching, Charangpat, Khangabok Lourembam.	Oct. 2025 to Jan. 2026	1	-	1	5	2	7	8
	Vegetable production	Popularization of French bean variety Arka Suvidha ➤ Seed rate: 60kg/ha ➤ Spacing: 45 x 15 cm ➤ Sowing time : September ➤ Seed treatment: <i>Trichoderma viride</i> 4g/kg of seed. ➤ Nutrient requirement: NPK: 30: 40: 30kg/ha as basal dose. ➤ Local Check Variety – Champhut hawai (Anupama)	IIHR, ICAR, Bangaluru, 2019	8	0.75	Heirol, Wangjing, Khangabok Khekman Nongpok Sekmai.	Oct 2025 to Jan. 2026	-	-	-	7	1	8	8
		Title of the training						Number of beneficiaries					Remarks	

Mandated activities	Target group	Programme and No. of Courses in bracket	No. of training prog	Period of the year	Duration (in days)	On/Off campuses	SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Package of practices for ginger & turmeric (2)	1	April 2026	3	Off	1	4	5	5	5	15	15	
		Production technology of bulb crops (2)	1	October 2025	3	Off	-	-	-	12	3	15	15	
		Nursery management of Rabi vegetable crops (3)	1	August 2025	3	On	3	-	3	8	4	12	15	
		Package of practices for cucurbitaceous crops. (2)	1	Jan. 2026	3	Off	-	-	-	11	4	15	15	
	Rural Youth	Training and pruning of fruit crops	1	Dec.	3	Off	3	2	5	8	2	10	15	
		Nursery management & propagation technique of Fruit crops (2)	1	March 2026	3	Off	-	-	-	12	3	15	15	
		Rejuvenation of Orchard(1)	1	February 2026	3	Off	-	-	-	10	5	15	15	
		Exotic vegetable production (3)	1	June 2025	3	off	2	-	2	10	3	13	15	
	Extension Personnel	Micro irrigation and mulching in Fruit crops (3)	1	Oct. 2025	3	On		-	-	8	7	15	15	
	Civil Society	1. Offseason vegetable production under polyhouse (2)	1	Sept. 2025	3	Off	-	-	-	9	6	15	15	
			1	May	3	Off	2	-	2	10	3	13	15	

		2. Organic vegetable production		2025										
	NGO (including school drop outs)	Protected Cultivation of vegetable production (2)	1	July 2025	3	Off	3	-	3	10	2	12	15	
	Others													
Sponsored training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel	Organic Production technology and its management for spices crop (3)	1	August 2025	3		2	-	2	10	3	13	15	MOMA, Dept. of Hort. Soil Conservation, Manipur
	Civil Society													
	NGO(including school drop outs)													
	Others													

Discipline: Fisheries

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Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Ar ea (in Ha)	No of trial	Locatio n	Period and Duratio n	Number of beneficiaries						Grand Total
									SC/ST			General			
									M	F	Tota l	M	F	Tota l	
On farm testing	Pond management	Performance Assessment of Indian butter catfish Pabda (<i>Ompok bimaculatus</i>) With Indian major carps in polyculture system T1 (IMC with Pabda) <ul style="list-style-type: none">• Stocking density- 8000 fingerlings/ha• Stocking ratio- 4:3:1.5:1.5 (Catla:Rohu: Mrigal: Pabda)• Culture period – 6 months• Feeding – 3% body wt. twice daily T0 (only IMC) <ul style="list-style-type: none">• Stocking density- 8000 fingerlings/ha• Stocking ratio- 4:3:3 (Catla:Rohu: Mrigal)• Culture period – 6 months	ICAR Resear ch Compl ex for NEH Region , Tripur a Centre , Lembu cherra, 2018		1.0	5	Wabaga i, Khanga bok, Ningom bam, Waikho ng	June - Decemb er, 2025	-	-	-	4	1	5	5

		<ul style="list-style-type: none">• Feeding – 3% body wt. twice daily													
	IFS	<p>Assessment of Mushroom farming integration with fish culture (Waste to wealth) T1 (Fish cum Mushroom)</p> <ul style="list-style-type: none">• Stocking ratio- Catla(2): Silver(1): Rohu(2) : Grass carp (2) :Mrigal(1.5) : Common carp(1.5)• Culture period – 6 months• Stocking density- 8000 fingerlings/ha + Mushroom cultivation• Mushroom shed- 20x15 sq.ft on the pond embankment <p>T0 (only Fish culture)</p> <ul style="list-style-type: none">• Stocking density- 8000 fingerlings/ha• Stocking ratio- Catla(2): Silver(1): Rohu(2) : Grass carp (2) :Mrigal(1.5) : Common carp(1.5)• Culture period – 6 months.				1.25	Khanga bok, wangjin g, Okram, Wabaga i	June-Dec, 2025	-	-	-	3	2	5	5
	Thematic Area					Location		Number of beneficiaries							

Mandate d activities		Technology/Crop/Cro pping system	Source and Year of release	Demon (No.)	Area (in Ha)		Period and Duration	SC/ST			General			Grand Total
								M	F	Tota l	M	F	Tota l	
Frontline Demonstration	Pond Management	Popularization of Periphyton based fish farming Stocking density – 8000 fingerlings/ha. Fish species – (IMC)- Catla, Rohu, Mrigal (15:55:30) Stocking time- July Culture period- 6 months Feeding- RB : MOC (1:1) @ 2% bw once a day Substrate for periphyton- Fresh Bamboo pole (Split into 4) Spacing for bamboo pole – 3X3 ft Spreading of bamboo poles - 1/3 of pond surface No. of bamboo required for 0.25 ha – 180 nos.	ICAR – CIFA, Bhubaneswar, 2016	10	1.0	Lilong, Khanabok, Chandrakhong, Tentha	May-Dec, 2025	1	-	1	4	-	4	5
	Pond Management	Popularization of monoculture of air breathing fish (Local Climbing perch- <i>Anabas testudineus</i>) with Scientific management practices	ICAR – CIFA, Bhubaneswar, 2016	10	1.0	Hiyanglam, Wabagai, Tentha, Khangabok, Uyal	June-October, 2025	-	-	-	5	-	5	5

		<ul style="list-style-type: none"> • Stocking density- 8500 fry per 0.1 ha • Species – <i>Anabas testudineus</i> • Culture period - 4 months • Feeding- RB : MOC (1:1) @ 3% bw twice a day • Pond Management: Monthly liming of pond @ 5-10 kg/0.1 ha (depending on water pH) 												

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campuses	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Pre and post stocking management of fish farming (3)	1	May, 2025	3	Off	4	-	4	11	-	11	15	
		Breeding & and Seed Production of Climbing perch (2)	1	June, 2025	3	Off	-	-	-	13	2	15	15	
	Rural Youth	Carp fish breeding & hatchery operation (3)	2	April	3	On	5	-	5	10	-	10	15	
		Breeding of magur (2)	1	July	3	On	-	-	-	12	3	15	15	
		Fish Health Management (2)	1	Sep,20 25	3	Off	-	-	-	10	5	15	15	

	Extension Personnel	Recent advances in Aquaculture (3)	1	Nov,20 25	3	On	3	2	5	9	1	10	15	
	Civil Society													
	NGO (including school drop outs)	Fabrication of glass Aquarium & Ornamental fish rearing	1	Sept	3	On	-	-	-	15	-	15	15	
	Others													
Sponsored training programmes	Farmer and Farm women	Integrated Aquaculture	1	Aug,20 25	3	On	-	-	-	12	3	15	15	
	Rural Youth	Fish processing and Preparation of value added fish products	1	Dec,20 25	5	on	-	-	-	4	11	15	15	
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others													

Discipline: Home Science

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Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Ar ea (in Ha)	No of trial	Locatio n	Period and Duratio n	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Tota l	M	F	Tota l	
On farm testing	Value Addition	Assessment on preparation of Multi Millet peanut Chikki	ICAR, IIMR, Hyderabad, 2018	A	-	5	Khanga bok, Thoubal i, Wangba l, Charang pat	June - Nov	-	1	1	-	4	4	5
		<ul style="list-style-type: none"> ➤ Roast & coarsely crush the peanuts (1kg) with a mixer grinder ➤ Heat jaggery(1kg) with 1tsp water until it gives thick consistency. ➤ Boil the syrup until it shows hard crack consistency. ➤ Add millet(sorghum 200g .ragi 100g, bajara 100g) flour ,peanut, ghee(100g) to the syrup and mix it thoroughly. 													

	Value Addition	Assessment on Degumming process of okra plant fiber <ul style="list-style-type: none"> ▪ Shreading of leaves ▪ Bundle Stalk ▪ Stepped in water with for retting (15day) ▪ Single plants are taken & stripping (fiber extraction) ▪ Degumming process--- Bath ratio 1:10 (M:L)extracted fiber were treated with 2% sodium hydroxide at 95° celcius for 2hr . ▪ Rinsed with cold water, neutralised with 2% acetic acid . ▪ Rinsed again & dry. ▪ Bleaching-. Using alkaline hydrogen peroxide at 	College of Community Science, AAU, Jorhat 2020	A	-	5	Khanga bok, Wangin g, Kakchin g, Charang pat, Sapam	Nov - Jan	-	-	-	5	-	5	5
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		90°C for 60 mins in closed vessel.												
Mandate d activities	Thematic Area	Technology/Crop/Cro pping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Value Addition Value Addition	Popularization of multi millet cookies Details of Technology <ul style="list-style-type: none"> ▪ Beat 50g butter & Sugar powder (30gm) till fluffy ▪ Add millet flour 100g (Ragi: Sorghum: Bajara @ 30:40:30) till soft dough ▪ Spread out dough on butter paper & roll it. ▪ Cut into shapes • Bake it for 15 min at 180°C in pre heated oven 	ICAR, IIMR, Hyderabad 2018	10	1.25	Khangabok Thoubal, Kakching,	July-Nov	-	2	-		8	8	10
		Popularization of Extraction of Pineapple leaf fibre Cut the pineapple leaves and decorticated by beating and stripping manually. <ul style="list-style-type: none"> ▪ Scratched pineapple leaves are tied and immersed for water 	ICAR, NINFET 2017	10	1.0	Khangabok YairipokK eirak, Thoubal, Kakching	July-Nov	-	4	4		6	6	10

		retting & add SATHI retting accelerator @0.5% along with 0.5% DAP (Di ammonium phosphate). ▪ Retting time -10 days The leaves are taken out & the fibers are extracted by washing in pond water and dried.												
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Durat ion (in days)	On/Off campu s	Number of beneficiaries							Remarks
							SC/ST			General			Gran d Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Extraction of pineapple leaf fiber	1	April,2 025	3	Off	-	15	15	-	15	15	30	
		Preparation of Multi millet chikki	1	May, 2025	2	On	-	15	15	-	15	15	30	
		Yarn making process of pineapple leaf fiber & Okra fiber	1	June, 2025	1	On	-	15	15	-	-	-	15	
		Small scale income generating enterprise	1		2	Off	-	15	-	-	15	-	30	
			1	July, 2025	2	On	-	15	-	-	15	30	30	

		Extraction of Okra fiber & Degumming process	1											
		Preparation of multi millet cookies	1	August / September, 2025	1	Off	-	10	10	-	15	15	25	
				December, 2025										
	Rural Youth	Natural Dyeing of fabrics	2	Jan, 2026	2	Off	-	-	-	-	30	30	30	
	Extension Personnel	Importance of Millet processing and value addition for nutritional security	1	Feb	1	On	-	-	-	-	15	15	15	
	Civil Society													
Sponsored training programmes	NGO (including school drop outs)	Diversified products of Natural fibers	1	October, 2025	1	Off	-	-	-	-	20	20	20	
	Others													
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													

	NGO(including school drop outs)													
	Others													

Discipline: Agricultural Extension

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Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Ar ea (in Ha)	No of trial	Locatio n	Period and Duratio n	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Tota l	M	F	Tota l	
On farm testing	Soil Management	Title: Assessment of Soil Health Card Users in Thoubal District of Manipur	Acharya N G Ranga Agricultural University, Andhar Pradesh, 2022		Thoubal District (120 farmers)	(120 farmers)	Lourembam, Ingourouk, Yairipok, Sikkhong Sekmai, Tentha, Khangabok	May, June, July, August, September, October	-	-	-	80	40	120	120
		Methodology: ➤ Sample of 120 farmers will be selected (60 farmers beneficiaries with SHC and 60 farmers beneficiaries without SHC) ➤ Data will be collected using structural interview schedule, Questionaries and field survey ➤ Sampling design: Stratified random sampling with equal allocation ➤ Data will be analysed through mean, frequency and percentage.													

		➤ Scale of Perception: Likert Scale												
Mandate d activities	Thematic Area	Technology/Crop/Cro pping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Tota l	M	F	Tota l	
Front Line Demonstration	Training Need Assessment	Effectiveness of training programme conducted in KVK Thoubal	ICAR, New Delhi, 2020	120	Thou bal and kac hing distri ct	Khangabok , Lishamlok, Thoubal, Kakching	May, June, July, August, September , October	20	20	40	40	40	80	120
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Durat ion (in days)	On/Off campu s	Number of beneficiaries							Remarks
							SC/ST			General			Gran d Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	1. Strengthening Farmer Organizations through Group Dynamics	2	April 2025	3	off	4	3	7	10	8	18	25	
		2. Gender mainstreaming through SHGs	2	May 2025	3	off	-	-	-	-	25	25	25	
	Rural Youth	1. Entrepreneurial development of youths	2	July 2025	3	On	4	3	7	8	5	13	20	

		(livestock /horticulture based integrated farming system)												
		2. Understanding Crop Insurance: Importance and Benefits for Risk Management	1	August 2025	3	Off	10	10	20	-	-	-	20	
		3. Building Resilient Teams in Agri-Entrepreneurship and Rural Development	1	September 2025	3	on	5	5	10	5	5	10	20	
	Extension Personnel	1. Sustainable Agriculture through Social Entrepreneurship: Role of Extension Functionaries	1	October 2025	5	On	4	3	7	5	3	8	15	
	Civil Society													
	NGO (including school drop outs)													
	Others													

Sponsored training programmes	Farmer and Farm women	1. Scaling Up Small Agri-enterprises: Challenges and Strategies	1	November 2025	3	On	8	4	12	10	8	18	30	
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others													
Vocational	Capacity Building	Entrepreneurship Skill development	1	December 2025	7	On	3	2	5	5	5	10	15	

Specific activity	No. of activities	Period of the year	Duration (in days)	Number of beneficiaries (No.)							
				SC/ST			General			Grand Total	
				M	F	Total	M	F	Total	M	F
Diagnostic visit	48	Throughout the year		25	15	40	148	72	220	173	87
Advisory services/ telephone talk	1300	Throughout the year		107	68	175	896	329	1225	1003	397
Training Manual	5			-	-	-	-	-	-	-	-
Celebration of Important days	5			25	20	45	75	55	130	100	75
Exhibition	3			30	40	70	120	130	250	150	170
Exposure visit	10			-	-	-	-	-	-	-	-
Extension literature (Leaflet/ folders/ Pamphlets)	70			-	-	-	-	-	-	-	-
Extension / technical bulletin	2			-	-	-	-	-	-	-	-
News letter	1			-	-	-	-	-	-	-	-
News paper coverage	12			-	-	-	-	-	-	-	-
Research publications	6			-	-	-	-	-	-	-	-
Success stories/ Case studies	6			-	-	-	-	-	-	-	-
Farm Science Clubs' Convenors meet	31			85	35	120	426	198	624	511	233
Farmers' Seminar	2			-	-	-	-	-	-	-	-
Farmers' visit to KVKs	1500			65	20	85	735	680	1415	800	700
Ex-trainees' meet	3			-	-	-	-	-	-	-	-
Field day	3			-	-	-	95	55	150	95	55
Film show	10			32	16	48	502	350	852	534	366
Radio Talk	12			-	-	-	-	-	-	-	-
TV talk	8			-	-	-	-	-	-	-	-
Kisan Gosthi	2			-	-	-	45	25	70	45	25
Group Meeting	11			12	8	20	195	85	280	207	93
KisanMela	1			10	20	30	30	25	55	40	45
Soil Health Camps	5			15	20	35	155	70	225	170	90
Animal Health Camps	2			30	15	45	45	50	95	75	65
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	600			2300	950	4250	1600	1450	3050	5900	2400

Method demonstration	18			20	30	50	20	30	60	40	70
Scientists' visit to farmers' field	60			15	10	25	370	155	525	385	165
Workshop/ Seminar	1			-	-	-	-	-	-	-	-
Soil Testing	250			35	20	55	600	345	945	635	365
Water Testing	200			20	10	30	130	40	170	150	50
Plant Testing											
Manure Testing				-	-	-	-	-	-	-	-
Any other (Pl. Specify)				-	-	-	-	-	-	-	-

ACTIVITY CALENDAR OF THE KVK (MONTH-WISE TARGET TO BE COMPLETED) FOR THE YEAR 2025

KVK: Thoubal, Manipur

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (No.s.)													
i. Number of Technologies			2										
i. Number of Trials			10										
ii. Area (ha)/ items (no.)			2.25										
FLD (Nos.)													
i. Number		1	1										
ii. Area(ha)/ items (no.)		1.0	1.0										
Training programme													
Farmer													
i. No. of course		3	2										
ii. No. of participants		15	15										
Rural Youth													
i. No. of course	3			2		2							
ii. No. Of participants	15			15		15							
Ext. Personnel													
i. No. of course								3					
ii. No. Of participants								15					
Extension Activities/ programmes													
i. No. of activities	5	9	4	4	7	7	7	7	10	7	10	7	85
ii. No. of beneficiaries	600	600	600	1000	1000	1500	1200	800	1000	850	670	680	10500
Seeds production (tonnes)	2				1.5		10.3	10.61			2	3.8	30.21
Planting materials (Nos. in Lakh)	0.005	0	0	0	0.065	0.055	0.42	0.4	0	0.1	0.035	-	1.08
Livestock strains (No.)	-	-	100					100	20	2			222
Fingerlings (No. in lakh)					0.08	0.04	0.02	0.03			0.03		0.20

Bio-agents/ products (tonnes)													
Bio-fertilizers/ Vermicompost etc. (in Tonnes)	0.02	-	0.02	-	0.06	-	0.01	0.02	-	-	-	0.1	0.13
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	37	37	37	20	37	37	30	37	42	37	45	54	450
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	148	150	150	80	87	110	85	85	213	150	180	210	1200
Soil , Water, Plant, Manures Testing (No. of villages covered)	2	2	2	2	1	1	1	1	7	2	2	2	25
Mobile Agro-Advisory (No. of Messages)	130	130	130	130	130	130	130	80	130	130	80	70	1300
Mobile Agro-Advisory (No. of Farmers)	450	450	450	700	700	500	470	400	450	500	450	500	6000