INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Agricultural Technology Application Research Institute, Zone-VII
Umiam, Meghalaya
Format for Annual Action Plan Formulation of KVKs2023

Name of the KVK/District: KVK, Jaintia Hills

Present Staff Position in KVK:

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline
1.	Dr. Dodo Pasweth	M	ST	Senior Scientist & Head	Seed Science & Technology
2.	Smti. B Kharbamon	F	ST	SMS	Horticulture
3.	Smti. R Lyngdoh	F	ST	SMS	Agronomy
4.	Smti.J.K.Marak	F	ST	SMS	Fisheries
5.	DrRimiki Suchiang	M	ST	SMS	AH& Vet.
6.	Dr Alethea Dympep	F	ST	SMS	Agril.Extension
7.	Smt.M.Mawlong	F	ST	SMS	Plant Protection
8.	Smt. D.Lyngdoh	F	ST	Programme Assistant	Agriculture
9.	Smti. S. Pohthmi	F	ST	Programme Assistant	Computer
10.	Shri. M Kharbuli	M	ST	Farm Manager	Agriculture
11.	Shri. TeibokKharsyiemlieh	M	ST	Accountant / Superintendent	M.Com
12.	SmtiWanbhahki Phawa	F	ST	Stenographer	Class XII
13.	Shri.H.Nangtein	M	ST	Driver	Class XII
14.	Shri. K Passah	M	ST	Driver	Class VIII
15.	Shri. Urgentson Sukhlain	M	ST	Supporting staff	Class XII
16.	Km.IoowanlinShylla	F	ST	Supporting staff	Class X
Total :16					

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2023

Discipline:Agronomy

Name of the concerned Subject Matter Specialist: Smt.Risakaru Lyngdoh **Mobile No:** 8837325883 **E-mail address:** rlyngdoh12@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in Ha)	No of trial	Location	Period and Duration	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Total	M	F	Total	
On farm testing	Varietal performance	**Varietal Performance of fingermillets (var. Mandua -352 &Mandua -379)** 1. Seed rate: 10 kg /ha 2. Sowing time: June 3. Spacing: 25 X15cm 4. Seed treatment with *Azatobacter* and PSB @200gm each /10 kg seeds **5.** Duration: 95-100 days	ICAR-VPKAS, Almora (2012)	Assess	1	10	Khanduli, Samanong	May-Nov (7 months)	2	8	10	-	-	-	10

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	
Frontline Demonstrations	Varietal performance	Popularisation of paddy variety Shahsarang-I	ICAR RC for NEHR, Umiam (2017)	5	0.5	Pynthorwah, Namdong, Tuber Kmaichnong, Mukhla, Nangbah	June-Nov (7 months)	3	2	5	-	-	-	5

	Varietal performance	Promotion of potato variety for higher productivity	CPRS ,Shimla (2006)	5	1	Larnai, Niawkmai, Mulum, Wahiajer, Lumkhudung, Nangbah, Tuber Kmaishnong, Tuber Chohchrieh	Feb-May (4months)	2	3	5	-	-	-	5

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 campus	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	Organic agriculture (4)	3	Jan-Dec	4	Off	20	20	40	-	-	-	40	
		Resource conservation practices (4)		Jan-Dec	4	Off	20	20	40	-	-	-	40	
		Soil Health Management (4)		Jan-Dec	4	Off	20	20	40	-	-	-	40	
	Rural Youth	Vermicomposting (4)	1	Sept-Oct	2	On	10	10	20	-	-	-	20	
		Berkeley composting (4)	1	Sept-Oct	2	On	10	10	20	-	-	-	20	
	Extension Personnel	Improved agronomic technologies for doubling farmers income (8)	1	Sept-Oct	4	On	30	30	60	-	-	-	60	

	Civil Society													
	NGO (including school drop outs)													
	Others													
Vocational training programmes	Rural Youth	Value addition in cereal (4)	1	Sept-Oct	4	On	10	10	20	-	-	-	20	
		On and Off farm waste management(4)	1	Sept-Oct	4	On	10	10	20	-	-	-	20	
Sponsored training programmes	Farmer and Farm women	-	-	-	-	-	-	-	-	-	-	-	-	
	Rural Youth	-	-	-	-	-	-	-	-	-	-	-	-	
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	-	
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	-	
	Others	-	-	-	-	-	-	-	-	-	-	-	-	

Discipline:Horticulture

Name of the concerned Subject Matter Specialist: Smt.Banylla Kharbamon **Mobile No:**9862802309 **E-mail address:** banyllakharbamon@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in Ha)	No of trial	Location	Period and Duration	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Total	M	F	Total	
On farm testing	Production technology	**Assessment of Off season cultivation of Broccoli** 1. Sowing of broccoli during off season months. 2. Variety :*Pushpa and Palam Samriddhi* 3. Sowing time: July, August, September 4. Spacing: 45x 30m 5. Cowdung manure @ 2.5tonnes/ha +	IIHR, Bangalore, 2013	Assess	0.5	5	Thadlaskein block	July-Dec	3	2	5	-	-	-	5

		vermicompost @ 5tonnes/ha + rock phosphate @375kg/ha+ bio-inoculation with2.4kg Azotobacter and 2.4kg PSB in 10lts of water as seedling root dip 6. Treatment with trichoderma @ 5g/kg seed **Farmers practice** Sowing time: October													
	Seed Production technology	**Assessment of scientific seed production of frenchbean*(Naga local, Jaintia local)*** 1. Early sowing of pea 2. Late sowing of frenchbean 3. Maintaining isolation distance 4. Seed treatment with rhizobium before sowing 5. Proper rouging	TNAU	Assess	0.5	10	Sohmynting, Moodymmai	Apr-September	5	5	10	-	-	-	10

		6. Proper seed moisture content 7. Seed treatment before packing 8. Proper packaging													

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						Grand Total
								SC/ST			General			
								M	F	Total	M	F	Total	
Frontline Demonstrations	Production technology	Single bud sprout planting technique of ginger	Indian Institute of Spices Research, Kerala (2014)	3	1	Mulum, Mootyrchiah, Mookyndeng, Ialong	Apr-Dec (9 months)	3	2	5	-	-	-	5
	Varietal performance	Varietal performance of Guava variety **(*Megha Magenta)***	ICAR NEHR, Umiam (2010)	3	1	Umladang, Nongkhroh	Aug-March (8 months)	3	2	5	-	-	-	5
	Varietal performance	Varietal performance of low chilling peach varieties **T 1 : Peach var. *Partap*** **T 2 : Peach var. *Flordasun***	ICAR NEHR, Umiam (2010)	3	1	Lumkhudung, Shangpung, Mookyndeng	Aug-March (8 months)	3	2	5	-	-	-	5
	Production technology	Single bud sprout planting technique of turmeric	Indian Institute of Spices	3	1	Mulum, Mootyrchiah,	Apr-Dec (9 months)	3	2	5	-	-	-	5

			Research, Kerala (2014)			Mooky ndeng, Ialong								

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 campus	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	Seed production of vegetables(5)	1	Jan-Dec	5	Off	25	25	50	-	-	-	50	
		Single bud sprout planting technique of ginger (5)	1	Jan-Dec	5	Off	25	25	50	-	-	-	50	
		Organic cultivation of vegetables (5)	1	Jan-Dec	5	Off	25	25	50	-	-	-	50	
	Rural Youth	Nursery management of horticultural crops (5)	1	Jan-Dec	5	Off	10	10	20	-	-	-	20	
	Extension Personnel	Pre and Post harvest management of horticultural crops (5)	1	Jan-Dec	5	On	7	8	15	-	-	-	15	
Vocational Programmes	Rural Youth	Value addition of horticultural crops (5)	1	Jan-Dec	5	On	10	10	20	-	-	-	20	
Sponsored training programmes	Farmer and Farm women	-	-	-	-	-	-	-	-	-	-	-	-	
	Rural Youth	-	-	-	-	-	-	-	-	-	-	-	-	
	Extension	-	-	-	-	-	-	-	-	-	-	-	-	

	Personnel													
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	-	
	Others	-	-	-	-	-	-	-	-	-	-	-	-	

Discipline:Animal Science

Name of the concerned Subject Matter Specialist: DrRimikiSuchiang **Mobile No:** 7005033933 **E-mail address:** rimikisuchiang2013@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in Ha)	No of trial	Location	Period and Duration	Number of beneficiaries						Grand Total
									SC/ST			General			
									M	F	Total	M	F	Total	
On farm testing	Breed Introduction	**Assessment of various economic traits of Kamrupa and Indigenous chicken under Backyard Rearing System in West Jaintia Hills district**	AICRP on Poultry Breeding, CVSc,	Assess	5 units	5	Bamkamar, Kyndongtuber, Shangpung, Whahiajer	Feb-Dec	2	3	5	-	-	-	5

		1) Multicoloured improved bird for family poultry production 2) Easy adaptation to different environmental condition 3) High resistance to common poultry diseases 4) Medium weight and has long shanks to protect from predators 5) Typical appearance of indigenous birds in respect of body colour and plumage pattern 6) Strive well under low input system ❖ **Farmers practice**: Indigenous chicken variety	Khana para				,TuberShohshrieh								
On farm testing	Breed Introduction	**Assessment of White Pekin Ducks and Desi Ducks under Integrated Farming System** ➢ In an area of 1 hectare, 200-300 white pekin ducks	Tamil Nadu Veterinary and Animal Scienc	Assess	5 units	5	Raliang, Tluh, Amlarem, Khliehtyrshi, Mukhla	Feb-Dec	3	2	5	-	-	-	5

		will be reared under low cost housing system with locally available wood and bamboo with enough space between slates to facilitate the duck dropping and wasted food to fall into the pond. ➢ The ducks will be fed under low input system ❖ **Farmers practice:** Indigenous duck variety	es Unive rsity												
	Feeding Management	**Assessmentof vegetable /fruit waste based feeds for profitable piggery farming** 1) Vegetable waste based will be prepared using locally available vegetable waste viz., cabbage, cauliflower, carrot, tomato,etc. 2) Prior to preparation the materials will be washed and sun	NRC on Pig (2019)	Assess	5 unit s	5	Wahiajer, Niawkmai , Nangbah, Umladakh ur,Nongk ynrih	April 2022- April 2023	3	2	5	-	-	-	5

		dried for 2-3 hours and will be used for silage making with 3% jaggery and 0.25% salt. 3) The materials will then be kept in silage bag for 21 days and then be used for experimental purpose														

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						Grand Total
								SC/ST			General			
								M	F	Total	M	F	Total	
Front Line Demonstrations	Breed Introduction	Introduction of "Lumsniang" Upgraded pig variety in Jaintia Hills district	ICAR RC for NEH, Umiam, 2017	5	5units	Wahiajer, Nangbah,Khanduli, Mynsngat, Moodymmai	Feb-Dec	3	2	5	-	-	-	5
	Improved housing system	Low cost climate resilient environment-affinitive pig pen model	ICAR RC for NEH, Umiam, 2013	6	6 units	Niawkmai, Latyrke,Wahiajier,Mootyrshiah, Nongkhroh	Oct-March (6 months)	3	3	6	-	-	-	6

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 campus	Number of beneficiaries						Grand Total	Remarks
							SC/ST			General				
							M	F	Total	M	F	Total		
On and Off campus	Farmer and Farm women	Poultry Farming (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	

training programmes		Piggery Farming (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Dairy Farming (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Integrated Farming System (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
	Rural Youth	Poultry Farming (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Piggery Farming (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		DuckeryFarming(4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
	Extension Personnel	Future and Prospects of Animal Husbandry Sector in Meghalaya(4)	1	Oct-Feb	4	On	15	15	30	-	-	-	30	
		Organic Livestock Production(4)	1	Oct-Feb	4	On	15	15	30	-	-	-	30	
Vocational training programmes	Rural Youth	Value addition of pork and chicken(4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30	
Sponsored training programmes	Farmer and Farm women	-	-	-	-	-	--	-	-	-	-	-	-	
	Rural Youth	-	-	-	-	-	--	-	-	-	-	-	-	
	Extension Personnel	-	-	-	-	-	--	-	-	-	-	-	-	
	Civil Society	-	-	-	-	-	--	-	-	-	-	-	-	
	NGO(including school drop outs)	-	-	-	-	-	--	-	-	-	-	-	-	
	Others	-	-	-	-	-	--	-	-	-	-	-	-	

Discipline: Agril. Extension

Name of the concerned Subject Matter Specialist: Dr Alethea Dympep**Mobile No:**825905859 **E-mailaddress:**aletheadympep@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in Ha)	No of trial	Location	Period and Duration	Number of beneficiaries						Grand Total
									SC/ST			General			
									M	F	Total	M	F	Total	
On farm testing	Community empowerment	**Establishing of Custom Hiring Centres (CHC) at village level** 1. Selection of potential individuals for running of CHC. 2. Training on setting up and managing	-	Assess	-	1	West Jaintia Hills	Apr-March (12 months)	-	-	-	-	-	-	-

		of custom hiring centre. 3. Demonstration on usage of farm machineries. 4. Training on maintaining records and financial aspects of custom hiring centres.													
	Popularization of farm machineries	**Drudgery reducing technologies for farm women** 1. Identification of tedious farm operations on women and supplementary machinery for the tedious operations 2. Selection of appropriate women friendly machines (multi-crop usage) 3. Training on operation of machineries	ICAR, Jabalpur, 2016	Assess	-	5	West Jaintia Hills	July-March (9 months)	3	2	5	-	-	-	5
	Post Harvest Management	**Performance of Hermetic Storage Technology for Food Grain** 1. Drying of grains	ICAR, 2019	Assess	-	5	West Jaintia Hills	Aug-March (8 months)	2	3	5	-	-	-	5

		to suitable moisture content (<14% MC) 2. Place hermatic bag inside another bag of jute or polypropylene. 3. Fill the hermatic bag with dried seeds or grains and remove excess air. 4. Close the outer bag by tying or sewing. 5. Keep in cool dry room.													
	Documentation and Validation	**Collection and Validation of Indigenous Technical Knowledge** (1) *Control of white grub in fields* *Use of banana pseudostem in fish pond to enhance productivity of fish* ***Documentation of existing ITKs practiced by the farmers*** **(A)** i. A solution of 1kg common salt is mixed in 5lts of water. ii. Spray about 200msq after	ICAR RC for NEH, Umiam, 2004 ICAR RC for NEH, Umiam, 2020	Assess	-	4	West Jaintia Hills	Aug-Dec,2022	2	2	4	-	-	-	4

		ploughing and before sowing **(B)** i. 2000kg/ha pseudostem of banana after harvesting are added to the pond by cutting longitudinally														

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						Grand Total
								SC/ST			General			
								M	F	Total	M	F	Total	
Front Line Demonstration	Impact Assessment	**Impact Analysis on Popularisation of Backyard Poultry with Improved Variety- Vanaraja**	-	60 samples	-	West Jaintia Hills	Aug-March (8 months)	30	30	60	-	-	-	60

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 campus	Number of beneficiaries						Grand Total	Remarks
							SC/ST			General				
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Setting up of custom hiring centres(2)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Importance of village seed banks(1)	1	Jan-Dec	1	Off	15	15	30	-	-	-	30	
		Farm Planning and Budgeting(2)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	

		Awareness training programme on agricultural tools and implements(1)	1	Jan-Dec	1	Off	15	15	30	-	-	-	30	
	Rural Youth	Setting up of custom hiring centres(2)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Importance and awareness on small scale income generating enterprises(2)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Training on ICT application in agriculture(2)	1	Jan-Dec	2	Off	15	15	30	-	-	-	30	
	Extension Personnel	Importance of setting up custom hiring centres(1)	1	Jan-Dec	1	On	15	15	30	-	-	-	30	
		Qualitative and quantitative data analysis(2)	1	Jan-Dec	2	On	15	15	30	-	-	-	30	
Vocational training programmes	Farmer and Farm women	-	-	-	-	-	-	-	-	-	-	-	-	
	Rural Youth	-	-	-	-	-	-	-	-	-	-	-	-	
	Extension Personnel	-	-	-	-	-	-	-	-	-	-	-	-	
	Civil Society	-	-	-	-	-	-	-	-	-	-	-	-	
	NGO(including school drop outs)	-	-	-	-	-	-	-	-	-	-	-	-	
	Others	-	-	-	-	-	-	-	-	-	-	-	-	

Discipline: **Fisheries**

Name of the concerned Subject Matter Specialist: Smt.Jeseama Marak **Mobile No:**730837635 **E-mail Address :**konkaljesmarak@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Ass ess/ Ref ine	Area (in Ha)	No of trial	Loca tion	Period and Duratio n	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Tota l	M	F	Tota l	
On farm testing	Fish Feed	**Evaluation of balanced floating pelleted feed(3mm) for enhancing fish yield** 1) Extruded feed using rice bran, mustard oil cake,	COF, CAU, Tripura 2015	Ass ess	0.4	4	Wahi ajer, Klie htyrc hi,Ly rnai, Mukl a	May-Feb (10 months)	2	2	4	-	-	-	4

		broken wheat, broken corn, wheat bran & dry fish waste 2) Proximate composition of feed: crude protein-20-22%, crude lipid:3-5%, crude fiber:<13-15%, Ash:<10-11%, Digestible carbohydrate: 40-45% 3) Feeding@ 5-6% for advanced fingerlings & @ 2-3% for later stages **Farmers Practice:** Rice bran													
	Composite Fish Culture	**Assessment of combination of two species fish culture with *Labeogonius* and *Cyprinus carpio* under mid-hill condition in Meghalaya** 1) Stocking density-10,000 nos./ha 2) Feed: MOC & Rice polish @ 5% of the body	COF, CAU, Tripura 2015	Assess	0.3	3	Wahiajer, Khliehtyrchi, Larnai, Mukhla, Namdong	Apr-Feb (10 months)	2	1	3	-	-	-	3

		weight 3) Species ratio-1:1 4) Culture Period-1 year ❖ **Farmers Practice:** IMC and Exotic carps													

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**						**Grand Total**
								SC/ST			**General**			
								M	**F**	**Total**	**M**	**F**	**Total**	
Frontline Demonstrations	IFS Modules (Multi-displicinary)	Promotion of Integrated Pig-cum-fish-cum-horticulture farming	COF-CAU ,2013	8	1.5	Wahiajer, Niriang, Umladang, Umjalasiaw, Namdong, Iongnoh, Sohmynting, Mulum,	May-Feb (10 months)	4	4	8	-	-	-	8

						Nangbah, Mukhla, Lyrnai								
	Nursery raising of carp fry	Promotion of Jalkund for nursing of carp fry to fingerlings stages	ICAR ,Umiam, 2019	12	0.05	Muknang , Wahiajer, Niriang, Umjalasiaw,Namdong,Khliehtyrchi, Lumkhudung,Shangpung	May-Dec (7 months)	4	8	12	-	-	-	12

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 campus	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	Carp breeding and seed production(5)	1	Jan-Dec	4	Off	20	20	40	-	-	-	40	
		Integrated fish farming(5)	1	Jan-Dec	5	Off	20	20	40	-	-	-	40	
		Post harvest technology and value addition in fish(5)	1	Jan-Dec	5	Off	20	20	40	-	-	-	40	
	Rural Youth	Fish rearing and management(5)	1	Jan-Dec	5	Off	10	10	20	-	-	-	20	

	Extension Personnel	Integrated Farming System(5)	1	Jan-Dec	4	On	7	7	14	-	-	-	14	
Vocational training programmes	Rural Youth	Post harvest technology and value addition of fish(5)	1	Jan-Dec	8	On	15	15	30	-	-	-	30	

Discipline:Plant Protection

Name of the concerned Subject Matter Specialist: Smt.MarbiangkorMawlong **Mobile No:**7005714528
E-mail Address :marbiang123mawlong@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in Ha)	No of trial	Location	Period and Duration	Number of beneficiaries						Grand Total
									SC/ST			General			
									M	F	Total	M	F	Total	
On Farm Technology	Integrated Pest Management (IPM)	**Performance of Integrated pest and disease management in tomato** **TO1: Packages of technology** 1) Application of Copper Oxychloride (COC) @ 0.25 % (25 gms in 10litre water) at the onset of disease and at 7-10 days interval against late blight. 2) Crop rotation with french bean to reduce bacterial Wilt 3) Trap crop (marigold) 2:16 row against fruit borer. 4) Yellow Sticky	ICAR-National Organic Farming Research Institute (2014), Technologies for Organic management of crops in Northeast India. (2019)	Assess	0.2	5	Wahiajer, Mynsngat., Niriang, Mowkaiaw	April-August (5 months)	3	2	5	-	-	-	5

		traps @10/ha against whitefly, thrips etc. 5) *Trichoderma* @500g+ 4 ton FYM against soil borne diseases (*Pythium, Fusarium,Alternaria*etc). **TO2: V**ar. Arka Abhed: disease resistant hybrid 1) Crop rotation with French bean 2) Trap crop with marigold @ 2:16 3) Yellow sticky traps @10/ha 4) *Trichoderma* @500g + 4 tonnes FYM **TO3: Farmers Practice:** Farmer's practice -non-judicial use of chemical pesticides													

On Farm Technology	Organic Disease Management	**Assessment of Storage of planting material for effective management of Rhizome Rot of Ginger** **TO1:** 1) Pit of 1×2m² size under shade 2) Spread a 5cm uniform layer of sand at the bottom of pit 3) Treat the ginger planting materials with *Trichoderma* @5g/L water for 30 min. **TO2: Farmer's practice** 1) Bamboo basket 2) Store in underground pit without any bio pesticides	College of Horticulture, CAU, Pasighat, 2009	Assess	0.002	5	Nongkynrih, Mynsngat, Nongrygkoh	Jan-Apr	3	2	5	-	-	-	5

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**	

Frontline Demonstrations	Organic Disease Management	**Organic management of white grub infestation in turmeric**	ICAR-NOFRI, Sikkim, 2012	6	2	Laskein, Shangpung, Moosakhia	May-Oct	3	3	6	-	-	-	6
	Integrated Pest Management	**Eco-friendly management of Fall Army Worm in maize**	Fall Armyworm: Diagnosis and Management (An Extension Pocket Book), ICAR-RCNEH(2019)	5	2	Wahiajer, Moodymai, Niriang, Mulum	Apr-Aug	3	2	5	-	-	-	5

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 campus**	**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	Eco friendly management of pests and diseases in turmeric (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Eco friendly management of pests and diseases in tomato (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Eco friendly management of pests and diseases in citrus (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	

	Rural Youth	Role of bioagents for pest & disease management. (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30
		ITK for pest and disease management (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30
	Extension Personnel	Role of bioagents in modern agriculture (4)	1	Jan-Dec	4	On	7	7	14	-	-	-	14
Vocational training programmes	Rural Youth	Cultivation of oyster mushroom(3)	1	Jan-Dec	3	On	15	15	30	-	-	-	30
		On farm biopesticides production (2)	1	Jan-Dec	2	On	15	15	30	-	-	-	30

NATURAL FARMING PROPOSED DURING 2023

Sl. No.	Name of Programme/event	No. of programmes/ activities	No. of participants (expected)
1.	**Awareness programmes**		
	❖ Exhibition	1	100
	❖ Gosthi	3	60
	❖ Awareness programmes	4	300
	❖ Publications	4	1000 copies
2.	**Training Programme**	2	80
3.	**Demonstrations**	8	8
	Total	**22**	**1548**

EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2023

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	40	Jan-Dec, 2023	1	20	20	40	-	-	-	20	20
Advisory services/ telephone talk	144	Jan-Dec, 2023	1	72	72	144	-	-	-	72	72
Celebration of Important days	3	i. World Environment Day ii. World Food Day iii. World Soil Day	3	40	40	80				40	40
Exhibition	1	Jan-Dec, 2023	1	50	50	100	-	-	-	50	50
Exposure visit	3	Jan-Dec, 2023	1	10	10	20	-	-	-	10	10
Extension literature (Leaflet/ folders/ Pamphlets)	5	Jan-Dec, 2023	-	-	-	5000					
Extension / technical bulletin											
News letter	1	Jan-Dec, 2023	-	-	-	1000					
News paper coverage	10	Jan-Dec, 2023	-								
Research publications											
Success stories/ Case studies	5	Jan-Dec, 2023	-	-	-	1000					
Farm Science Clubs' Convenors meet											
Farmers' Seminar	1	Jan-Dec, 2023	1	50	50	100	-	-	-	50	50
Farmers' visit to KVKs	1	Jan-Dec, 2023	1	100	100	200	-	-	-	100	100
Ex-trainees' meet											
Field day	11	Jan-Dec, 2023	1	20	20	40	-	-	-	20	20
Film show	10	Jan-Dec, 2023	1	120	120	240	-	-	-	120	120
Radio Talk	12	Jan-Dec, 2023	1								
TV talk											
KisanGosthi											
Group Meeting	30	Jan-Dec, 2023	1	150	150	300	-	-	-	150	150
Kisan Mela	1		1	50	50	100				50	50

Soil Health Camps											
Animal Health Camps	1	Jan-Dec, 2023	1	25	25	50	-	-	-	25	25
Awareness camp	2	Jan-Dec, 2023	1	50	50	100	-	-	-	50	50
Mobile advisory	48										
Method demonstration	24	Jan-Dec, 2023	1	50	50	100	-	-	-	50	50
Lecture to be delivered as resource person	12	Jan-Dec, 2023		25	25	50				25	25
Scientists' visit to farmers' field	40	Jan-Dec,2023	1	20	20	40	-	-	-	20	20
Workshop/ Seminar											
Soil Testing	1	Jan-Dec,2023	1	250	250	500	-	-	-	250	250
Total	**406**									**1102**	**1102**

ACTIVITY CALENDAR OF THE KVK (MONTH-WISE TARGET TO BE COMPLETED) FOR THE YEAR 2022-23

KVK:

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (Nos.)													
i. Number of Technologies	10	9	12	11	12	12	10	10	10	6	7	8	**117**
ii. Number of Trials	18	21	36	33	37	41	36	38	41	19	20	25	**365**
iii. Area (ha)/ items (no.)	0.86 4units	1.14 5units	1.45 5units	1.64 6units	1.68 7units	1.7 10units	1.14 12units	1.14 14units	1.2 14units	0.64 -	0.6 3units	0.65 3units	**13.84** **83 units**
FLD (Nos.)													
i. Number	8	10	11	10	20	19	20	20	19	8	5	5	**155**
ii. Area(ha)/ items (no.)	3.06 2 units	3.65 2 units	3.63 2 units 192sqft/10nos	3.61 2 units	3.65 1units	3.63 1units	3.61 11 units	3.59 12 units	3.61 12 units	2.04 13 units	2 14 units	2 15 units	**38.08** **87 units**
Training programme													
Farmer													
i. No. of course	11	6	12	9	9	8	6	5	3	3	3	1	**76**
ii. No. of participants	100	50	100	90	115	80	75	45	17	18	20	10	**720**
Rural Youth													
i. No. of course	1	1	2	5	8	4	7	6	6	1	1	2	**44**
ii. No. Of participants	10	10	10	25	15	24	26	30	30	20	20	10	**230**
Ext. Personnel													

i. No. of course	-	-	1	1	2	1	5	5	6	2	0	0	**23**
ii. No. Of participants	-	-	20	20	25	20	25	24	26	20	0	0	**180**
Extension Activities/ programmes													
i. No. of activities	31	35	28	35	38	33	35	34	37	29	34	37	**406**
ii. No. of beneficiaries	134	224	125	230	203	189	132	214	195	148	240	170	**2204**
Seeds production (tonnes)				0.4		0.05			0.6				**1.05**
Planting materials (Nos. in Lakh)		15 q	10,00 00				20,000						**30,000 Nos. & 15 q**
Livestock strains (No.)	100	105	100	89	75	90	75	105	105	171	100	100	**1050**
Fingerlings (No. in lakh)	30000												**30000**
Bio-agents/ products (tonnes)													
Bio-fertilizers/ Vermicompost etc. (in tonnes)								1.25				1.25	**2.5**
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	-	-	-	-	-	-	-	30	30	30	30	30	**150**
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	-	-	-	-	-	-	-	100	100	100	100	100	**500**
Soil , Water, Plant, Manures Testing (No. of villages covered)	-	-	-	-	-	-	1	2	2	2	2	1	**10**
Mobile Agro-Advisory (No. of Messages)	15	30	25	15	10	40	35	25	15	14	15	18	**257**
Mobile Agro-Advisory (No. of Farmers)	400	400	450	500	500	500	380	450	440	400	430	350	**5200**