INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Agricultural Technology Application Research Institute, Zone-VII
Umiam, Meghalaya
Format for Annual Action Plan Formulation of KVKs 2022

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.	Dr Rimiki Suchiang	M	ST	SMS	AH& Vet.
6.	Dr Alethea Dympep	F	ST	SMS	Agril.Extension
7.	Shri.Heipormi Papang	M	ST	SMS	Plant Protection
8.	Km. 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. Teibok Kharsyiemlieh	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.Ioowanlin Shylla	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 2022

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						Grand Total
									SC/ST			General			
									M	F	Total	M	F	Total	
On farm testing	Varietal evaluation	**Varietal Performance of Potato varieties (*Kufri Himalini, Kufri girdhari)*** **$T0_1$-** *Kufri himalini* **$T0_2$-** *Kufri girdhari* 1. Seed rate: 25q /ha 2. Tuber treatment with trichoderma paste @ 10g/kg seeds 3. Spacing: R-R 60 cm, P-P 25cm ; Bund to bund spacing 90cm 4. FYM@12 tons/ ha 5. Sowing time : February 6. Harvesting time: May –June 7. Soldier @ 100g/50kg FYM for soil borne pest **Farmer's practice** Kufri jyoti	CPRS , Upper Shillong (2011)	Assess	0.2	5	Larnai, Niawkmai, Mulum, Wahiajer, Lumkhudung, Nangbah, Tuber Kmaishnong, Tuber Chohchrieh	Feb-May (4months)	2	3	5	-	-	-	5
	Varietal evaluation	**Varietal Performance of fingermillets (var. Mandua -352 &Mandua -347)** 1. Seed rate: 10 kg /ha 2. Sowing time: June	ICAR-VPKAS, Almora (2012)	Assess	1	10	Khanduli, Samanong	May-Nov (7 months)	2	8	10	-	-	-	10

		3. Spacing: 25 X15cm 4. Seed treatment with *Azatobacter* and PSB @200gm each /10 kg seeds **5.** Duration 95-100 days														

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 evaluation	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

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	Improved agronomic technologies for doubling	1	Sept-Oct	4	On	30	30	60	-	-	-	60	

	Personnel	farmers income (8)												
	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	**Off season cultivation of Broccoli** 1. Sowing of broccoli during off season months. 2. Variety :Ashwarya 3. Sowing time: July, August, September 4. Spacing: 45x 30m 5. Cowdung manure @ 2.5tonnes/ha + vermicompost @ 5tonnes/ha + rock phosphate @375kg/ha+ bio-inoculation with 2.4kg Azotobacter and 2.4kg PSB in 10lts of water as seedling root dip 6. Treatment with trichoderma @	IIHR, Bangalore, 2013	Assess	0.5	5	Thadlaskein block	July, August, September	3	2	5	-	-	-	5

		5g/kg seed **Farmers practice** Sowing time: October														

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 evaluation	Varietal performance of Guava varieties(*Megha Supreme, Megha Magenta & Megha Wonder)*	ICAR NEHR, Umiam (2010)	3	1	Umladang, Nongkhroh	Aug-March (8 months)	3	2	5	-	-	-	5
	Varietal evaluation	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 Research,Kerala (2014)	3	1	Mulum, Mootyrchiah, Mookyndeng, Ialong	Apr-Dec (9 months)	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	Orchard management(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: Dr Rimiki Suchiang **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						
									SC/ST			General			Grand Total
									M	F	Total	M	F	Total	
On farm testing	Breed Introduction	**Introduction of "Lumsniang" Upgraded pig variety in Jaintia Hills district** a) Better adaptability in hill ecosystem b) Climatic resilient traits including the body physiology suitable to hill ecosystem c) Promising growth rate and feed conversion	Division of Livestock Production, ICAR RC for NEH, Umiam, 2017	Assess	5 units	5	Umladang, Niawkmai, Shangpung, Amlarem, Pamrakmai	June,2022-June,2023	3	2	5	-	-	-	5

		efficiency d) Suitable and well adapted to low input tribal production systems e) Good mothering ability with higher litter size at the time of birth and weaning f) Higher litter weight at birth as well as weaning g) Good body condition of sow remain excellent up to 6th farrowing h) Excellent carcass quality and consumer preference in the region i) Better disease resistance capacity												
	Feeding Management	**Development of 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	NRC on Pig (2019)	Assess	5 units	5	Wahiajer, Niawkmai, Nangbah, Umladakhur,Nongkynrih	April 2022-April 2023	3	2	5	-	-	-	5

		washed and sun 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	Improved housing system	Innovative Egg Laying Cabin	Genesis, ATARI	10	10 units	Sohmynting, Lad Mukhla, Rymbai, Shangpung, Lumkhuding	Feb,2022-Feb,2023 (12 months)	4	6	10	-	-	-	10
	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	On/Off campus	Number of beneficiaries			Remarks
							SC/ST	General	Grand	

					days)		**M**	**F**	**Total**	**M**	**F**	**Total**	**Total**	
On and Off campus training programmes	Farmer and Farm women	Poultry Farming (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		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	
		Duckery Farming(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	Others (Explorable studies)	**Assessment of indigenous wild leafy vegetables traditionally consumed by the Jaintia tribal people** (1) Documentation on mode of propagation (2) Analysis on 10 criteria (taste, distribution, community, status, life form, wild or cultivated, edible time, edible part, medicinal value, market potential) based on weightage developed by	-	Assess	-	5 (n=60)	West Jaintia Hills	Sep-Dec,2022	30	30	60	-	-	-	60

		Konsam *et.al.*,2016 (3) Market channels and disposal of the wild vegetables													
	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 ploughing and before sowing **(B)** i. 2000kg/ha pseudostem of banana after harvesting are added to the pond by cutting longitudinally	ICAR RC for NEH, Umiam, 2004 ICAR RC for NEH, Umiam, 2020	Assess	-	4	West Jaintia Hills	Aug-Dec,2022	2	2	4	-	-	-	4

Mandate	Thematic Area	Technology/Crop/Cro	Source	Demon	Area	Location	Period	Number of beneficiaries

d activities		pping system	and Year of release	(No.)	(in Ha)		and Duration	SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Performance Assessment	**Evaluating of Self Help Groups at village level**	-	10 SHGs	-	West Jaintia Hills	June-Nov,2022	20	10	30	-	-	-	30

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	Formation and management of SHGs (2)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Information and Networking among farmers (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	Rural youth as para-extension worker (2)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
		Importance and awareness on small scale income generating	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	

		enterprises (2)												
		Training on ICT application in agriculture(2)	1	Jan-Dec	2	Off	15	15	30	-	-	-	30	
	Extension Personnel	Gender mainstreaming through SHG (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	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	Fish Feed	**Evaluation of balanced floating pelleted feed(3mm) for enhancing fish yield** 1) Extruded feed using rice bran, mustard oil cake, 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	COF, CAU, Tripura 2015	Assess	0.4	4	Wahiajer, Kliehtyrchi ,Lyrnai,Mukla	May,2022-Feb,2023 (10 months)	2	2	4	-	-	-	4
	IFS Modules (Muti-displicinary)	**Integrated fish-cum-poultry-cum-horticulture farming** **$T0_1$-** Fish **$T0_2$-** Fish+Livestock **$T0_3$-**	ICAR-Umiam ,2013	Assess	1	5	Moodymai, Wahiajer,	May-Feb (10 months)	3	2	5	-	-	-	5

		Fish+Livestock+Horticulture **(a) Fishery component** Stocking density: 10000 nos./ha Stocking ratio: **Catla (2.5): Rohu (2): Mrigal (1): Silver carp (1.5): Grass carp (1): Amur Common carp(2)** Application of lime@400kg/ha **(b) Livestock component** Poultry: 50-60 nos. of Vanaraja birds are reared in 0.1 hectare area under low cost feeding system **(c) Horticulture component** Vegetables in the surrounding area Fruit trees (Guava) on the dyke					Niriang, Lyrnai							

Mandated activities	**Thematic Area**	**Technology/Crop/Cro**	**Source**	**Demon**	**Area**	**Location**	**Period**	**Number of beneficiaries**

		pping system	and Year of release	(No.)	(in Ha)		and Duration	SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Frontline Demonstrations	IFS Modules (Muti-displicinary)	Integrated Pig-cum-fish-cum-horticulture farming	COF-CAU ,2013	10	1	Wahiajer, Niriang, Umladang, Umjalasiaw, Namdong, Iongnoh, Sohmynting, Mulum, Nangbah, Mukhla, Lyrnai	May-Feb (10 months)	5	5	10	-	-	-	10
	Nursery raising of carp fry	Utilization of Jalkund for nursing of carp fry to fingerlings stages	ICAR ,Umiam, 2019	12	0.036	Muknang, Wahiajer, Niriang, Umjalasiaw,Namdong,Khliehtyrchi, Lumkhudung,Shangpung	July-Nov (3-5 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 (6)	1	Jan-Dec	4	Off	20	20	40	-	-	-	40	
		Integrated fish farming (7)	1	Jan-Dec	5	Off	20	20	40	-	-	-	40	
		Post harvest technology and value addition in fish (7)	1	Jan-Dec	5	Off	20	20	40	-	-	-	40	
	Rural Youth	Fish rearing and management (8)	1	Jan-Dec	5	Off	10	10	20	-	-	-	20	
		Value addition of fish (4)	1	Jan-Dec	4	Off	8	8	16	-	-	-	16	
	Extension Personnel	Integrated Farming System(4)	1	Jan-Dec	4	On	8	8	16	-	-	-	16	
Vocational training programmes	Rural Youth	Post harvest technology and value addition of fish (8)	1	Jan-Dec	8	On	15	15	30	-	-	-	30	

Discipline: **Plant Protection**

Name of the concerned Subject Matter Specialist: Shri.Heipormi Papang **Mobile No:** 7005542162 **E-mail Address :**pormipapang@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)	**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 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:	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

		disease resistant hybrid **TO3: Farmers Practice:** 1) Non judicious use of Dithane M45 against Blight disease 2) Indiscrimate use of chemical pesticides													
On Farm Technology	Organic Disease Management	**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, Nongrynkoh	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-RC NEH(2019)	6	2	Wahiajer, Moodymai, Niriang, Mulum	Apr-Aug	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**							**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	

ON FARM TESTING (OFT) ON NATURAL FARMING

Activities/Interventions to be taken up under Natural farming	KVK Farm/Farmer's field	Area to be covered (in acre)	Functional linkages with concerned stakeholders	Expected benefit out of Precision farming in the district
At KVK Farm 1. Jeevamrutha /Jeevamrit (For soil nutrient and insect pest mangement) 2. Panchgavya (For soil nutrient) 3. Bijamrita (For Seed Treatment) **At Farmer's field** 1. Jeevamrutha /Jeevamrit (For soil nutrient and insect pest mangement) 2. Panchgavya (For soil nutrient) 3. Bijamrita (For Seed Treatment	KVK Farm Farmer's field	1-2.5 1	a) State govt. Department of Agriculture b) ICAR RC NEH Region	Less dependency on chemical fertilizer and pesticide, gradual Transition to Organic Farming, diversity of crops and allied activities increases and prevention of monocropping, extra income generation

EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2022

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, 2022	1	20	20	40	-	-	-	20	20
Advisory services/ telephone talk	144	Jan-Dec, 2022	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, 2022	1	50	50	100	-	-	-	50	50
Exposure visit	3	Jan-Dec, 2022	1	10	10	20	-	-	-	10	10
Extension literature (Leaflet/ folders/ Pamphlets)	5	Jan-Dec, 2022	-	-	-	5000					
Extension / technical bulletin											
News letter	1	Jan-Dec, 2022	-	-	-	1000					
News paper coverage	10	Jan-Dec, 2022	-								
Research publications											
Success stories/ Case studies	5	Jan-Dec, 2022	-	-	-	1000					
Farm Science Clubs' Convenors meet											
Farmers' Seminar	1	Jan-Dec, 2022	1	50	50	100	-	-	-	50	50
Farmers' visit to KVKs	1	Jan-Dec, 2022	1	100	100	200	-	-	-	100	100
Ex-trainees' meet											
Field day	11	Jan-Dec, 2022	1	20	20	40	-	-	-	20	20
Film show	10	Jan-Dec, 2022	1	120	120	240	-	-	-	120	120
Radio Talk	12	Jan-Dec, 2022	1								
TV talk											
KisanGosthi											
Group Meeting	30	Jan-Dec, 2022	1	150	150	300	-	-	-	150	150

Kisan Mela	1		1	50	50	100				50	50
Soil Health Camps											
Animal Health Camps	1	Jan-Dec, 2022	1	25	25	50	-	-	-	25	25
Awareness camp	2	Jan-Dec, 2022	1	50	50	100	-	-	-	50	50
Mobile advisory	48										
Method demonstration	24	Jan-Dec, 2022	1	50	50	100	-	-	-	50	50
Lecture to be delivered as resource person	12										
Scientists' visit to farmers' field	40	Jan-Dec,2022	1	20	20	40	-	-	-	20	20
Workshop/ Seminar											
Soil Testing	1	Jan-Dec,2022	1	250	250	500	-	-	-	250	250
Total	**406**									**1075**	**1075**

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 (No.s.)													
i. Number of Technologies	5	4	6	5	5	6	6	6	5	4	4	5	-
i. Number of Trials	15	14	25	15	16	17	15	17	18	15	23	28	-
ii. Area (ha)/ items (no.)	1.9	1.9	3.15	2.9	3.9	4.9	6.7	8.7	10.7	12.5	15.6	15.65	-
FLD (Nos.)													
i. Number	7	9	10	10	8	8	9	9	9	8	8	8	-
ii. Area(ha)/ items (no.)	8	10.4	12.4	19.4	21.4	23.4	24.4	27.4	29.4	28.4	29.4	29.4	-
Training programme													
Farmer													
i. No. of course	11	6	12	9	10	8	6	5	3	3	3	1	**77**
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	7	8	4	8	9	6	1	1	2	**50**
ii. No. Of participants	10	10	10	60	85	40	55	30	30	10	10	10	**360**
Ext. Personnel													
i. No. of course	-	-	1	1	2	1	6	6	6	2	0	0	**25**
ii. No. Of participants			10	10	50	10	45	44	26	10	0	0	**205**
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	127	214	163	**2150**
Seeds production (tonnes)							0.2		0.2	1.5			**1.9**
Planting materials (Nos. in Lakh)					0.3								**0.3**
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)	0.005	0.005		0.001		0.001		0.001		0.002		0.001	**0.016**
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)	4	4	4	5	5	5	5	4	4	4	4	5	**53**
Mobile Agro-Advisory (No. of Farmers)	400	400	450	500	500	500	500	450	450	400	450	400	**5400**