

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Agricultural Technology Application Research Institute, Zone-III
Umiam, Meghalaya
Format for Annual Action Plan Formulation of KVKs 2020

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.	Shri 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.	Shri Rimiki Suchiang	M	ST	SMS	AH& Vet.
6.	Smt.Alethea Dympep	F	ST	SMS	Agril. Extension
7.	Smti. D.Lyngdoh	F	ST	Programme Assistant	Agriculture
8.	Smti. S. Pohthmi	F	ST	Programme Assistant	Computer
9.	Shri. M Kharbuli	M	ST	Farm Manager	Agriculture
10.	Shri. Teibok Kharsyiemieli	M	ST	Accountant / Superintendent	M.Com
11.	SmtiWanbhahki Phawa	F	ST	Stenographer	Class XII
12.	Shri.H.Nangtein	M	ST	Driver	Class VIII
13.	Shri. K Passah	M	ST	Driver	Class VIII
14.	Shri. Urgentson Sukhlain	M	ST	Supporting staff	Class VIII
15.	Smt.Ioowanlin Shylla	F	ST	Supporting staff	Class VIII
Total : 15					

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2017-18

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	Ass ess/ Refi ne	Area (in Ha)	No. of trials	Location	Perio d and Durat ion	Number of beneficiaries					
									SC/ST			General		
									M	F	Total	M	F	Total
On farm testing	Varietal evaluation	Performance evaluation of Potato varieties (<i>Kufri jyoti</i> , <i>Kufri chipsona</i>, <i>Kufri girdhari</i>) 1. Variety: <i>Kufri jyoti</i> , <i>Kufri chipsona</i> , <i>Kufri girdhari</i> 2. Seed rate: 25q /ha 3. Tuber treatment with trichoderma paste @ 10g/kg seeds 4. Spacing: R-R 60 cm, P-P 25cm ; Bund to bund spacing 90cm 5. FYM@12 tons/ ha 6. Sowing time : February 7. Harvesting time: May –June 8. Soldier @ 100g/50kg FYM for soil borne pest	CPRS , Upper Shillong (2011)	5	0.2	5	Larnai, Niawkmai, Mulum, Wahiajer, Lumkhudung	Feb-May (4 months)	2	3	5	-	-	-
	Varietal evaluation	Varietal Performance of fingermillets (Var. Mandua -352) 1. Seed rate: 10 kg /ha 2. Sowing time: June 3. Spacing: 25 X15cm 4. Seed treatment with <i>azatobacter</i> and PSB @200gm each /10 kg seeds 5. Duration 95-100 days	ICAR-VPKAS, Almora (2012)	5	1	5	Khanduli, Samanong	May-Nov (7 months)	10	2	12	-	-	-

	Seed Production													
	Integrated Weed Management													
	Integrated Nutrient Management													
	Integrated Water Management													
	Tillage Management/ Farm Machinery													
	Integrated Farming System/ Integrated Crop Management													
	Others (Pl. specify)													
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in Ha)	No.of demos	Location	Period and Duration	Number of beneficiaries					
									SC/ST			General		
									M	F	Total	M	F	Total
Front Line Demonstration	On and Off farm waste management	Popularisation of on farm waste mangement through Vermicomposting method	ICAR RC for NEHR, Umiam (2018)	5	-	5	Mulum, Larnai, Sohmynting, Moodymmai, Mukhla	May-Dec (8months)	5	-	5	-	-	-
	Integrated Weed Management													
	Integrated Nutrient Management													
	Integrated Water Management													
	Tillage Management/ Farm Machinery													
	Integrated Farming System/ Integrated													

	Crop Management														
	Others (Pl. specify)														
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							R	
							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	15	15	30	-	-	-	30		
		Resource conservation practices (4)		Jan-Dec	4	Off	15	15	30	-	-	-	30		
		Soil Health Management (4)		Jan-Dec	4	Off	15	15	30	-	-	-	30		
	Rural Youth	Vermicomposting (4)	1	Sept-Oct	2	On	15	15	30	-	-	-	30		
		Berkeley composting (4)	1	Sept-Oct	2	On	15	15	30	-	-	-	30		
	Extension Personnel	Improved agronomic technologies for doubling farmers income (8)	1	Sept-Oct	4	On	30	30	60	-	-	-	60		
Vocational training programmes	Rural Youth	Value addition in cereal (4)	1	Sept-Oct	4	On	15	15	30	-	-	-	30		
		On and Off farm waste management(4)	1	Sept-Oct	4	On	15	15	30	-	-	-	30		
Sponsored training programmes	Farmer and Farm women	Vermicompost producer (94)	1	26 th Feb-21 st March,2020	25	Off	9	11	20	-	-	-	20	(C	
	Rural Youth	Vermicomposting (10)	1	6-13 th Jan, 2020	7	Off	7	8	15	-	-	-	15	(C	

		Vermicomposting (10)	1	7-13 th July, 2020	7	Off	-	-	-	-	-	-	-	(P

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	Name of Technology	Source	Asses	Area	No.of	Locati	Period	Number of beneficiaries/ trials
---------------------	---------------	--------------------	--------	-------	------	-------	--------	--------	---------------------------------

			and Year of release	s/Ref ine	(in ha.)	trials	on	and Duration	SC/ST			General			Grand Total
									M	F	Tot	M	F	Tot	
On farm testing	Production technology	Single bud sprout planting technique of ginger 1. One month before planting (March), the rhizome is cut into single bud piece weighing 4-6g 2. Treat single bud sprouts with <i>Trichoderma</i> 3. Plant the single bud sprouts in pro trays 4. Maintain the pro trays in shade net 5. Seedlings will be ready for transplanting after 30-40 days Farmers practice Large size planting materials	Indian Institut e of Spices Resear ch,Ker ala (2014)	5	0.5	6	Mulu m,Mo otyrchi ah, Mook ynden g,Ialon g	Apr-Dec (9 months)	5	-	5	-	-	-	5
	Varietal evaluation	Varietal performance of Guava varieties (<i>Megha Supreme, Megha Magenta & Megha Wonder</i>) Guava varieties : RCGH-1, RCGH- 4 & RCGH-7 1. Time of planting: July 2. Spacing: High density planting 1.5m x 2 m 3. Application of FYM (10kg)+ Vermicompost (2kg)	ICAR NEHR, Umiam (2010)	2	0.2	2	Umlad ang, Nongk hroh	Jan-Sept (9 months)	2	-	2	-	-	-	2

		4. Fruit fly traps @15traps/ha 5. <i>Metarhizium anisopliae</i> for soil treatment during August-October 6. Pruning in the month December Farmer's practice 1. Local variety 2. Irregular planting without proper spacing													
	Varietal evaluation	Varietal performance of low chilling peach varieties T 1 : Peach var. Partap T 2 : Peach var. Flordasun 1. Time of planting: July 2. Spacing: 3.5 x 3.5 m 3. Application of FYM (10kg)+ Vermicompost (2kg) 4. Fruit fly traps @15traps/ha 5. <i>Metarhizium anisopliae</i> for soil treatment during March-April 6. Pruning during the month of December Farmer's practice 1. Local variety 2. Irregular planting without proper spacing	ICAR NEHR, Umiam (2010)	2	0.2	2	Nirian g,Larn ai	Jan-May (5 months)	1	1	2	-	-	-	2
	Integrated Nutrient Management														
	Integrated Weed Management														
	Orchard														

	Rejuvenation														
	Post Harvest Processing/ Value Addition														
	Canopy mgmt.														
	Landscaping														
	Mechanization														
	Any other (Pl. Specify)														
Mandated activities	Thematic Area	Name of technology	Source and Year of release	Crop/ cropping system	Area (in ha.)	No.of demos	Locati on	Period and Duration	Number of beneficiaries/ demon.						
									SC/ST			General			Grand Total
									M	F	Tot al	M	F	Tot al	
Front Line Demonstration	Production technology	Popularization of Double row planting system of pineapple	ICAR NEHR, Umiam (2008)	Pineapple	3	4	Longno h, Namd ong, Iooski	(Jan-Dec 12 months)	2	2	4	-	-	-	4
	Nutritional gardening	Popularization of Nutritional gardens in schools for mid day meals	ICAR NEHR, Umiam	Vegetable s, herbs	0.2	5	Jowai	(Jan-Dec 12 months)	2	3	5	-	-	-	5

	Orchard management	Canopy management of peach	ICAR NEHR, Umiam (2012)	Peach	1	4	Mynsn gat, Nartiang, Wahiajer, Ummulong	(Jan-Dec 12 months)	2	2	4	-	-	-	4
	Integrated Nutrient Management														
	Integrated Weed Management														
	Orchard Rejuvenation														
	Post Harvest Processing/ Value Addition														
	Landscaping														
	Mechanization														
	Any other (Pl. Specify)														
Mandated activities	Target group	Title of the training Programme and No. of Courses	No. of training progs	Period of the year	Duration (in days)	On/Of f camp us	Number of beneficiaries							Remarks	
							SC/ST			General			Grand Total		
							M	F	To tal	M	F	Total			
On and Off campus training programmes	Farmer and Farm women	Orchard management (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30		
		Package of practices of ginger and turmeric (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30		
		Package of practices of pineapple cultivation (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30		

	Rural Youth	Seed production of horticultural crops (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
	Extension Personnel	Pre and post harvest management of horticultural crops (4)	1	Jan-Dec	4	On	10	10	20	-	-	-	20	
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Value addition of horticultural crops (10)	1	Jan-Dec	5	On	10	10	20	-	-	-	20	
	Extension Personnel													
	Civil Society													
	NGO													
Sponsored Training Programmes														Sponsoring agency
	Farmer and Farm women	Organic grower (15)	1	-	21	Off	10	15	25	-	-	-	25	ASCI (Proposed)
	Rural Youth													
	Extension Personnel													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline:

Name of the concerned Subject Matter Specialist :..... MobileNo:.....

E-mail address:.....

Mandated	Thematic Area	Name of Technology	Source	Ass	Area	Location	Period	Number of beneficiaries/ trials						
----------	---------------	--------------------	--------	-----	------	----------	--------	---------------------------------	--	--	--	--	--	--

activities			and Year of release	ess/ Refi ne	(in ha.)		and Duratio n	SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing														
	Varietal / hybrid evaluation													
	Crop improvement													
	Seed production													
	Integrated crop management													
	Nursery management													
	Plant propagation													
	Any other													
Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/Cro pping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						Grand Total
								SC/ST			General			
								M	F	Total	M	F	Total	
	Varietal / hybrid evaluation													
	Crop improvement													
	Seed production													
	Integrated crop management													
	Nursery management													
	Plant propagation													
	Any other													

Mandate d activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of trainin g 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													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
														Sponsoring agency
	Farmer and Farm women													

Discipline:

Name of the concerned Subject Matter Specialist :..... Mobile No:.....

E-mailaddress:.....

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing														
	Soil health													
	Soil management													
	Soil testing													
	Soil amendment (Lime/ Others)													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)													
	Any other													
Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/ Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Soil health													
	Soil management													
	Soil testing													
	Soil amendment													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)													
	Any other													

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													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
														Sponsoring agency
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													

Discipline: Plant Protection

Name of the concerned Subject Matter Specialist- Vacant

Mobile No: Nil

E-mail address: Nil

Mandated activities	Thematic Area	Name of Technology Assessed/ Refined (in Specific)	Source and Year of release	Ass ess/ Refi ne	Area (in ha.)	No.of trials	Location	Period and Duration	Number of beneficiaries						G T
									SC/ST			General			
									M	F	Total	M	F	Total	
On farm testing	Integrated Disease Management	Integrated disease management of powdery mildew in Pea (<i>var. Arkel</i>) 1. Early sowing in the month of August and field sanitation and destruction of diseased plants 2. Spray of wet table Sulphur @ 0.2% at 14 days interval after disease incidence is noticed 3. Farmers practice	ICAR-NOFRI,Tadong,Sikkim, 2013	5	0.5	5	Niawkm ai, Sohphoh	(Sept-Dec) 3-4 months	2	3	5	-	-	-	
	Integrated Disease Management	Organic management of late blight in Tomato 1. Spray of copper oxychloride (COC) @ 0.25 % (25 gms in 10litre water) at the onset of disease and at 7-10 days interval 2. Application of Panchagavya (3%) along with Lantana extract (10%) and vermi-wash @ 10 % at flowering at 10 days interval. • Farmers practice- Spray of Dithane @ 0.25 % before and after disease incidence after every 10 days interval.	ICAR-NOFRI, Sikkim, 2014	5	0.5	5	Wahiajer , Niriang	(April-July) 4-5 months	2	3	5	-	-	-	

	Integrated Disease Mgmt														
	Beneficial insects														
	Other beneficial organisms														
	Store grain pest														
	Others														
Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/ cropping system	Area (in ha.)	No. of demos.	Location	Period and Duration	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Total	M	F	Total	
Front Line Demonstration	Biological control	Organic management of white grub infestation in turmeric	ICAR-NOFRI, Sikkim, 2012	Turmeric	0.5	5	Lumkhudung, Namdong Moodymmai	(March-Nov) 9 months	2	3	5	-	-	-	
	Integrated Pest Management	Monitoring and management of fruit flies	ICAR, Umiam, 2014	Peach	1	4	Niriang, Larnai	(March-July) 5 months	2	2	4	-	-	-	
	Product evaluation														
	Beneficial insects														
	Other beneficial organisms														
	Store grain pest														
	Others (Pl. specify)														
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/Of f campus	Number of beneficiaries							Remarks	
							SC/ST			General			Grand Total		
							M	F	Total	M	F	Total			
On a n	Farmer and Farm women	Eco friendly management of pests and diseases in turmeric	1	Jan -Dec	4	Off	15	15	30	-	-	-	30		

		(4)												
		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 Pea (4)	1	Jan –Dec	4	Off	15	15	30	-	-	-	30	
		Integrated pest management in fruits (4)	1	Jan –Dec	4	Off	15	15	30	-	-	-	30	
	Rural Youth	Role of bioagents for pest & disease management (4)	1	Jan -Dec	4	On	25	25	50	-	-	-	50	
		Indigenous plant extract for plant protection measures (4)	1	Jan –Dec	4	On	20	20	40	-	-	-	40	
	Extension Personnel	IPM in Horticultural crops (4)	1	Jan –Dec	4	On	15	15	30	-	-	-	30	
		Role of bioagents in modern agriculture (4)	1	Jan -Dec	4	On	15	15	30	-	-	-	30	
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Cultivation of oyster mushroom (2)	1	Jan -Dec	2	On	7	8	15	-	-	-	15	
		Value addition of oyster mushroom (2)	1	Jan -Dec	2	On	7	8	15	-	-	-	15	
Sponsored training programmes														Sponsored Agriculture AS (Comp)
	Farmer & Farm women	Beekeeper (15)	1	9 th Jan-3 rd Feb,2020	26	Off	12	8	20	-	-	-	20	
	Rural Youth													
	Extn. Personnel													
	Civil Society													
	NGO(school drop-outs)													

	Others (Pl. specify)														

Discipline: Animal Science

Name of the concerned Subject Matter Specialist: Dr Rimiki Suchiang

Mobile No: 7005033933

E-mail address: rimikisuchiang@gmail.com

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Asses s/Refi ne	Are a (in ha.)	No.of trials	Location	Period and Duration	Number of beneficiaries/ trials						
									SC/ST			General			Gr T
									M	F	Total	M	F	Total	
On farm testing	Improved housing system	Innovative Egg Laying Cabin T 1 : This egg laying cabin being one of the farmer's innovation of East Khasi Hills district of Meghalaya with its main advantages being: <ul style="list-style-type: none"> i. Reduce scattering of eggs during the laying period ii. Reduce breakage of eggs iii. Vent pecking has been found to be nil thereby reducing mortality and disease occurrence iv. The height of the cabin is 8 inches at the top and 4 inches at the bottom in the form of a shop. The breadth is 1 foot T 0 : Farmer's practice: No management practices	Genesis, ATARI	5	5 farmers	5	Sohmynting, Lad Mukhla, Rymbai, Shangpung, Lumkhudung	February - September (8 months)	2	3	5	-	-	-	
	Improved housing system	Low cost climate resilient environment-affinitive pig pen model T 1: Innovative integrated low-cost pigpen was designed and developed with locally available natural resources for high rainfall mid and	ICAR RC for NEH, Umiam, 2013	5 (Refined)		5	Niawkmai, Latyrke, Wahiajier, Mootyrshiah, Nongkhroh	Oct-March (6 months)	3	2	5	-	-	-	

		high altitude temperate region in the context of climate variability. The pig housing model was evaluated and compared with conventional concrete floor pig housing in term of micro-environment, physiological, adaption, performance, water use efficiency, animal welfare and behavior. The depth of the saw dust is kept at a height of 1 foot. T 0: Farmer's practice: No management practices													
	Housing														
	Processing/ Value addition														
	Fodder production and quality enhancement														
	Pasture management														
	Others														
Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Livestock enterprise	Area (in ha.)	No.of demos.	Location	Period and Duration	Number of beneficiaries/ demon.						
									SC/ST			General			Gr Total
									M	F	Total	M	F	Total	
Front Line Demonstration	Breed popularization	Rural poultry production with improved chicken variety (<i>Vanaraja</i>)	Division of Livestock Production,	Poultry		15	Umlathkur, Sohmynting, Lumkhudung,	February-September (8 months)	9	6	15	-	-	-	

			ICAR RC for NEH, Umiam, 2006				Byndihat i,Shangp ung,Niria ng,Mood ymmai Wapung, Moobakh on,Umltk hur,Nang bah, Pynthorl angtein,P hramer,U mladang, Mynsnga t								
	Breed improvement														
	Feeding management														
	Healthcare														
	Housing														
	Processing/ Value addition														
	Fodder production and quality enhancement	Popularization of Fodder Grass (Guinea & Congo signal)	IGFRI, Jhansi UP	Dairy		10	Rymbai, Namdon gA,Moob akhon,M ynso,Mul ieh, Pynthorl angtein, Mustem, Mynsnga t,Shangp ung,Tong	June-Dec (7months)	7	3	10	-	-	-	

							seng, Sohphoh, Saitsama, Namdon g- B,Sehla ma,Ralia ng								
	Pasture management														
	Others (Pl. specify)														
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of traini ng progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Ren	
							SC/ST			General			Grand Total		
							M	F	Total	M	F	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	On	15	15	30	-	-	-	30		
		Piggery Farming (4)	1	Jan- Dec	4	On	15	15	30	-	-	-	30		

		Integrated Farming System(4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30	
	Extension Personnel	Technology for doubling Farmers Income (4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30	
		Poultry farming (4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30	
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Poultry Farming (4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Sponsored training programmes														Spo
	Farmer and Farm women	Small Poultry Grower (20)	1	20 th Feb-20 th March, 2020	29	Off	12	13	25	-	-	-	25	ag AS (con e
	Rural Youth	Poultry rearing & management (6)	1	20-26 th March, 2020	7	Off	8	7	15	-	-	-	15	ST (Co te
		Feed and fodder management Poultry rearing and management (6)	1	14-20 th Sept.20 20	7	Off	-	-	-	-	-	-	-	ST (Pro o
		Poultry rearing &	1	9-15 th	7	Off	-	-	-	-	-	-	-	ST

		management (6)		Nov,20 20											(Pro o
	Extension Personnel														
	Civil Society														
	NGO(including school drop-outs)														
	Others (Pl. specify)														

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	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha)	No. of trials	Location	Period and Duration	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Total	M	F	Total	
On farm testing	Pond management														
	Fish breeding														
	Feeding management														
	Diseases management														
	Post harvest processing/ Value addition														
	IFS Modules	Integrated livestock-cum-fish-cum-horticulture farming	COF-CAU,2013	5	1	5	Mulum, Sohmynting, Moodym mai, Khliehria t	May-Feb (12 months)	4	1	5	-	-	-	5
	Nursery raising of carp fry	Utilization of Jalkund for nursing of carp fry in Meghalaya	ICAR ,Umiam, 2019	3	0.2	3	Niriang, Mukhnan g	July-Nov (3-4 months)	1	2	3	-	-	-	3
	Others														

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha)	No. of demos.	Location	Period and Duration	Number of beneficiaries/ demon.						
									SC/ST			General			Grants
									M	F	Total	M	F	Total	Total
Front Line Demonstration	Pond management	Pre-stocking and post –stocking management of pond aquaculture in hills	COF-CA U ,2013	Catla, rohu,mrigal, silver carp, grass carp, local common carp	1.2	13	Amlarem, Sohmynting, Niawkmai, Lumpudung, Mukhla, Sohphoh	May-Feb (12 months)	9	4	13	-	-	-	1
	Fish breeding	Common carp breeding and seed production in happa	ICAR , Umiam, 2013	Common carp	0.3	5	Nangbah, Wahiajer, Larnai, Amlarem	Feb-March (3 months)	5	-	5	-	-	-	5
	Feeding management														
	Diseases management														
	Post harvest processing/ Value addition														
	Others (Pl. specify)														
Mandated	Target group	Title of the training	No. of	Perio	Duration (in days)	On/Off	Number of beneficiaries							Remarks	

activities			Programme and No. of Courses in bracket	trainin g progra mme	d of the year		campus	SC/ST			General			Grand Total	
								M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Common carp breeding and seed production (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30		
		Composite Fish culture (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30		
		Scientific fish rearing and management practices (5)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30		
	Rural Youth	Integrated Farming System (8)	1	Jan-Dec	5	On	25	25	50	-	-	-	50		
		Value addition in fish (4)	1	Jan-Dec	4	On	20	20	40	-	-	-	40		
	Extension Personnel	Carp breeding and seed production (8)	1	Jan-Dec	5	On	10	10	20	-	-	-	20		
Vocational training programmes	Farmer and Farm women														
	Rural Youth	Value addition in fish (4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30		
	Extension Personnel														
	Civil Society														
	NGO(including school drop-outs)														
	Others (Pl. specify)														

Sponsored Training programmes														Sponsorin agency
	Rural Youth	Fish rearing& management (5)	1	16-23th March, 2020	7	Off	7	8	15	-	-	-	15	STRY (Comple

Discipline:**Name of the concerned Subject Matter Specialist: MobileNo:****E-mail address :**

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices													
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction/ utilization													
	Utilization of waste materials (Bio-degraded)													
	Storage techniques (grains/ fruits/ fishes/ meat etc)													
	Uses of women friendly tools (WFT)													
	Techniques of child care/ old age													
	Others (Pl. specify)													
	Value Addition													

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices													
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction/ utilization													
	Utilization of waste materials (Bio-degraded/ Bio-non degraded)													
	Storage techniques (grains/ fruits/ fishes/ meat etc)													
	Uses of women friendly tools (WFT)													
	Techniques of child care/ old age													
	Others (Pl. specify)													
Mandated activities	Target group	Title of the training Programme and No. of	No. of traini	Period of the	Duration (in	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST		General		Grand			

		Courses in bracket	ng progs	year	days)		M	F	Total	M	F	Total	Total		
On and Off campus training programmes	Farmer and Farm women														
	Rural Youth														
	Extn. Personnel														
	Civil Society														
NGO															
Vocational training programmes	Farmer and Farm women														
	Rural Youth														
	Extn. Personnel														
	Civil Society														
	NGO														
	Others														
															Sponsoring agency
	Farmer and Farm women														
	Rural Youth														
	Extn. Personnel														
	Civil Society														
	NGO														

Discipline:**Name of the concerned Subject Matter Specialist:**..... **Mobile No:**.....**E-mailaddress:**.....

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Introduction of MPTs in existing Systems													
	Introduction of MPTs in newly Developed Systems													
	Introduction of high value crops/ livestock in different systems													
	Reclamation of degraded area with MPTs etc.													
	Introduction of bio-fuel species/ tress													
	Canopy Management (Pruning/ Topping)													
	Secondary forestry diversification (Bamboo/ Broomgrass etc.)													
	Any other													
Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Introduction of MPTs in existing Systems													
	Introduction of MPTs in newly Developed Systems													
	Introduction of high value crops/ livestock in different systems													
	Reclamation of degraded area													

	with MPTs etc.													
	Introduction of bio-fuel species/ tress													
	Canopy Management (Pruning/ Topping)													
	Secondary forestry diversification (Bamboo/ Broomgrass etc.)													
	Any other													
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of trainig	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Tot	M	F	Total		
On and Off campus training programmes	Farmer and Farm women													
	Rural Youth													
	Extn. Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extn. Personnel													
	Civil Society													
	NGO(school drop-outs)													
	Others (Pl. specify)													
														Sponsoring agency
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO													

Discipline: Agril. Extension

Name of the concerned Subject Matter Specialist: Smt. Alethea Dympep **Mobile No:**825905859

E-mail address:aletheadympep@gmail.com

Name of the concerned Subject Matter Specialist: Smt. Aritha Dympep Mobile No.825965657 E mail address:arithadympep@gmail.com															
Mandated activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Ass ess/ Refi ne	Area (in ha.)	No. of trials	Location	Period and Duration	Number of respondents/ beneficiaries						
									SC/ST			General			G T
									M	F	Total	M	F	Total	
On farm testing	Formation of Groups														
	Benchmark Survey (PRA etc)	Study on Perception of Farmers towards Organic Farming in West Jaintia Hills 1. Survey and data collection 2. Random sampling 3. Farmer's Perception Index (FPI)- (Source: Shiduzzaman <i>et.al.</i> ,2018) 4. Knowledge test (Source: Damor&Khadayata,2017) 5. Determinants on decision-making in adopting organic farming 6. Social network analysis (SNA)	-	120	-	120 samples	West Jaintia Hills	Aug-Oct (3 months)	60	60	120	-	-	-	

	Benchmark Survey (PRA etc)	Analysis of Livelihood of Farmers during pandemic COVID-19 in West Jaintia Hills 1. Survey and data collection 2. Purposive sampling 3. Impact of the nationwide lockdown 4. Vulnerability Index (VI) 5. Documentation of marketing and mitigating measures	-	45	-	45 samples	West Jaintia Hills	May-June (2 months)	20	25	45	-	-	-	
	Benchmark Survey (PRA etc)	Value Chain Analysis of Ginger and Turmeric in West Jaintia Hills (1) Survey and data collection (2) Purposive sampling (3) Value chain mapping (4) Identification of value addition activities	-	90	-	90 samples	West Jaintia Hills	Oct-Nov (2 months)	45	45	90	-	-	-	
	Technology Backstopping														
	Dissemination time/ Loss of technologies														
	Coordination/ Convergence/ Others														
Mandated activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Crop/ Cropping system/ Enterprise	Area (in ha.)	No. of demos.	Location	Period and Duration	Number of beneficiaries						
									SC/ST			General			G T
									M	F	Total	M	F	Total	

Front Line Demonstration	Formation of Groups																
	Benchmark Survey (PRA etc)																
	Impact Assessment	Analysing backyard poultry as a source of livelihood 1. Socio-economic benefits of backyard poultry 2. Comparison of different poultry varieties on the basis of egg production, body weight, mortality, etc. 3. Constraints and Benefits of adopting the technology	-	Poultry	-	45 samples	West Jaintia Hills	Nov-Dec (2 months)	25	20	45	-	-	-			
	Technology Backstopping																
	Dissemination time/ Loss of technologies																
	Coordination/ Convergence																
	Others																
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 program	Farmer and Farm women	Training on formation of SHG (5)	1	Jan-Dec	4	Off	0	30	30	-	-	-	30				
		State and Centrally sponsored Agricultural and rural development	1	Jan-Dec	4	Off	15	15	30	-	-	-	30				

		schemes (4)												
		Importance of e-Governance in Agriculture development (3)	1	Jan-Dec	3	Off	15	15	30	-	-	-	30	
		Scope and importance of Agri-preneurship development (4)	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	
	Rural Youth	Importance of value chain analysis in agriculture as a scope of entrepreneurship development for rural youth (8)	1	Jan-Dec	4	On	25	25	50	-	-	-	50	
		State and Centrally sponsored Agricultural and rural development schemes (4)	1	Jan-Dec	2	On	20	20	40	-	-	-	40	
	Extension Personnel	Market-led Agricultural Extension (4)	1	Jan-Dec	2	On	15	15	30	-	-	-	30	
		Importance of Farming Situation Based Extension (4)	1	Jan-Dec	2	On	15	15	30	-	-	-	30	
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO													

	Others														
	Farmer and Farm women														
	Rural Youth														
	Extn. Personnel														
	Civil Society														
	NGO														
	Others														

Spons
agency

EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2020

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	60	Jan-Dec,2020	1	30	30	60	-	-	-	30	30
Advisory services/ telephone talk	144	Jan-Dec,2020	1	72	72	144	-	-	-	72	72
Training Manual											
Celebration of Important days	4	i. World Environment Day ii. World Food Day iii. World Farmer's Day iv. World Soil	4								

		Day									
Exhibition	1	Jan-Dec,2020	1	50	50	100	-	-	-	50	50
Exposure visit	3	Jan-Dec,2020	1	10	10	20	-	-	-	10	10
Extension literature (Leaflet/ folders/ Pamphlets)	9	Jan-Dec,2020	-	-	-	6000					
Extension / technical bulletin											
News letter	1	Jan-Dec,2020	-	-	-	1000					
News paper coverage	6	Jan-Dec,2020	-								
Research publications											
Success stories/ Case studies	6	Jan-Dec,2020	-	-	-	600					
Farm Science Clubs' Convenors meet											
Farmers' Seminar	1	Jan-Dec,2020	1	50	50	100	-	-	-	50	50
Farmers' visit to KVKs	1	Jan-Dec,2020	1	100	100	200	-	-	-	100	100
Ex-trainees' meet											
Field day	20	Jan-Dec,2020	1	50	50	100	-	-	-	50	50
Film show	10	Jan-Dec,2020	1	120	120	240	-	-	-	120	120
Radio Talk	10	Jan-Dec,2020	1								
TV talk											
KisanGosthi											
Group Meeting	15	Jan-Dec,2020	1	75	75	150	-	-	-	75	75
Kisan Mela											
Soil Health Camps											
Animal Health Camps	2	Jan-Dec,2020	1	50	50	100	-	-	-	50	50
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	1	Jan-Dec,2020	1	50	50	100	-	-	-	50	50
Method demonstration	22	Jan-Dec,2020	1	140	140	280	-	-	-	140	140
Scientists' visit to farmers' field	60	Jan-Dec,2020	1	30	30	60	-	-	-	30	30
Workshop/ Seminar											
Soil Testing	100	Jan-Dec,2020	1	250	250	500	-	-	-	250	250

ACTIVITY CALENDAR OF THE KVK (MONTH-WISE TARGET TO BE COMPLETED) FOR THE YEAR 2020

KVK:

Activity/ Month	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
OFT (Nos.)													
i. Number of Technologies	6	7	7	9	11	9	10	9	9	9	8	6	-
i. Number of Trials	11	17	20	32	50	62	54	97	102	92	67	50	-
ii. Area (ha)/ items (no.)	3.4	4.6	7.6	10.6	12.6	13.2	13.4	12.9	13.4	15.2	16.2	17	-
FLD (Nos.)													
i. Number	16	17	19	18	19	19	19	18	19	18	18	16	-
ii. Area(ha)/ items (no.)	9.7	12.7	14.7	16.2	23.2	28.2	31.2	35.7	60.7	55.7	35.7	30.2	-
Training programme													
Farmer													
i. No. of course	7	7	7	7	7	7	7	7	7	7	7	8	85
ii. No. of participants	52	50	50	50	50	50	50	50	58	60	60	50	630
Rural Youth													
i. No. of course	7	7	7	7	7	7	7	7	7	7	8	8	86
ii. No. Of participants	55	50	50	50	50	50	50	50	55	50	55	55	620
Ext. Personnel													
i. No. of course	3	3	3	3	4	4	4	4	4	4	4	4	44
ii. No. Of participants	25	25	25	25	25	25	25	27	28	30	30	30	320
Extension Activities/ programmes													
i. No. of activities	25	29	30	25	30	30	35	35	40	45	50	50	424
ii. No. of beneficiaries	800	800	800	800	850	850	850	854	900	900	900	900	10204
Seeds production (tonnes)										0.2 (grou ndnut)		1.0 (paddy)	1.2

Planting materials (Nos. in Lakh)				500 nos. tomato seedlings				500 nos. tomato seedlings		1000 nos broccoli seedlings & 1000 nos. Cabbage seedlings		10q ginger & 5q turmeric	15q (spices) & 3000 nos. vegetable seedlings
Livestock strains (No. in lakh)			50	50	50	50	60	60	70	70	70	70	600 nos. Vanaraja birds &
			5	5	5	5	6	8	8	8	-	-	50 Hampshire & HDK-75 piglets
Fingerlings (No. in lakh)	-	-	-	-	6000	7000	7000	-	-	-	-	-	20000 nos
Bio-agents/ products (tonnes)													
Bio-fertilizers/ Vermicompost etc. (in Tonnes)								1250 kg				1250 kg	2500 kg
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	-	-	-	-	-	-	30	10	20	10	20	10	100
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	-	-	-	-	-	-	80	70	70	70	70	60	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