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	М	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	М	ST	Farm Manager	Agriculture
10.	Shri. Teibok Kharsyiemlieh	М	ST	Accountant / Superintendent	M.Com
11.	SmtiWanbhahki Phawa	F	ST	Stenographer	Class XII
12.	Shri.H.Nangtein	М	ST	Driver	Class VIII
13.	Shri. K Passah	М	ST	Driver	Class VIII
14.	Shri. Urgentson Sukhlain	М	ST	Supporting staff	Class VIII
15.	Smt.Ioowanlin Shylla	F	ST	Supporting staff	Class VIII
Total: 1	5		· · · · · · · · · · · · · · · · · · ·		

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	Thematic Area	Details of Technology	Source and	Ass	Area		Location	Perio		Nu	mber of l	benefic	iaries	
activities			Year of	ess/	(in	No. of trials		d and		SC/S			Gener	al
			release	Refi ne	Ha)			Durat ion	М	F	Total	М	F	Total
On farm testing	Varietal evaluation	 Performance evaluation of Potato varieties (<i>Kufri jyoti , Kufri chipsona, Kufri girdhari</i>) 1. Variety: <i>Kufri jyoti , Kufri chipsona, 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,Mu lum, Wahiajer, Lumkhudung	Feb- May (4mo nths)	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 mont hs)	10	2	12	_	-	-

	Seed Production	1											1 1	
										<u> </u>				
	Integrated Weed	1												i.
	Management													
	Integrated Nutrient	1												ı.
	Management	<u> </u>							<u> </u>					
	Integrated Water	1												
	Management	i									_		──┤	
	Tillage Management/	1												
	Farm Machinery	í							<u> </u>		_		──┤	
	Integrated Farming	1												ı.
	System/ Integrated	1												ı.
	Crop Management	(<u> </u>		──┤	
ļ	Others (Pl. specify)	L												
Mandated	Thematic Area	Technology/Crop/Croppi	Source and	Demon	Area	No.of demos	Location	Period			Numbe	er of be	eneficia	ries
Mandated activities	Thematic Area		Source and Year of			No.of demos	Location	Period and	·	SC/S		er of be	eneficiai Genera	
	Thematic Area	Technology/Crop/Croppi ng system		Demon (No.)	Area (in Ha)	No.of demos	Location		M	SC/S		er of be		
activities	Thematic Area On and Off farm waste management		Year of		(in	No.of demos	Location Mulum, Larnai, Sohmynting, Moodymmai, Mukhla	and	M		т		Genera	al
activities	On and Off farm waste management Integrated Weed Management	ng system Popularisation of on farm waste mangement through	Year of release ICAR RC for NEHR, Umiam	(No.)	(in Ha)		Mulum, Larnai, Sohmynting, Moodymmai,	and Duration May-Dec			T Total	M	Genera F	al Tota
activities	On and Off farm waste management Integrated Weed	ng system Popularisation of on farm waste mangement through	Year of release ICAR RC for NEHR, Umiam	(No.)	(in Ha)		Mulum, Larnai, Sohmynting, Moodymmai,	and Duration May-Dec			T Total	M	Genera F	al Tota
activities	On and Off farm waste management Integrated Weed Management Integrated Nutrient Management Integrated Water Management	ng system Popularisation of on farm waste mangement through	Year of release ICAR RC for NEHR, Umiam	(No.)	(in Ha)		Mulum, Larnai, Sohmynting, Moodymmai,	and Duration May-Dec			T Total	M	Genera F	al Tota
	On and Off farm waste management Integrated Weed Management Integrated Nutrient Management Integrated Water	ng system Popularisation of on farm waste mangement through	Year of release ICAR RC for NEHR, Umiam	(No.)	(in Ha)		Mulum, Larnai, Sohmynting, Moodymmai,	and Duration May-Dec			T Total	M	Genera F	al Tota

	op Management													
Oth	thers (Pl. specify)													Ĺ.
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	 	SC/S		ber of b	beneficiar Genera F		Grand Total	
+	Farmer and Farm women	Organic agriculture (4)		Jan-Dec	4	Off	15	15	30	-	-	-	30	Ť
		Resource conservation practices (4)	3	Jan-Dec	4	Off	15	15	30	-	-	-	30	-
n and Off campus	t l	Soil Health Management (4)		Jan-Dec	4	Off	15	15	30	-	-	-	30	
training	Rural Youth	Vermicomposting (4)	1	Sept- Oct	2	On	15	15	30	-	-	-	30	
ogrammes	ſ	Berkeley composting (4)	1	Sept- Oct	2	On	15	15	30	-	-	-	30	-
ſ	Extension Personnel	Improved agronomic technologies for doubling farmers income (8)	1	Sept- Oct	4	On	30	30	60	-	-	-	60	_
ional ing mmes	Rural Youth	Value addition in cereal (4)	1	Sept- Oct	4	On	15	15	30	-	-	-	30	
Vocational training programmes		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,2 020	25	Off	9	11	20	-	-	-	20	-
Spon trai progr	Rural Youth	Vermicomposting (10)	1	6-13 th Jan, 2020	7	Off	7	8	15	-	-	-	15	

	Vermicomposting (10)	1	7-13 th July,202 0	7	Off	-	-	-	-	-	-	-	(P

<u>Discipline:</u>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
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			and	s/Ref	(in	trials	on	and		SC/ST	•		Genera	al	Grand
			Year of release	ine	ha.)			Duration	М	F	Tot	М	F	Tot	Total
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</i> <i>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

	 Fruit fly traps @15traps/ha Metarhizium anisopliae for soil treatment during August-October Pruning in the month December Farmer's practice Local variety Irregular planting without proper spacing 													
Varietal evaluation	 Varietal performance of low chilling peach varieties T 1 : Peach var. Partap T 2 : Peach var. Flordasun Time of planting: July Spacing: 3.5 x 3.5 m Application of FYM (10kg)+ Vermicompost (2kg) Fruit fly traps @15traps/ha Metarhizium anisopliae for soil treatment during March-April Pruning during the month of December Farmer's practice Local variety 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	Source	Crop/	Area (in	No.of	Locati	Period and			nber of	 		1
Mandated activities	Thematic Area	Name of technology	and Year	cropping	Area (in ha.)	No.of demos	Locati on	Period and Duration		SC/ST	Γ	Genera	al	Grand
Mandated activities	Thematic Area								M		Tot	 	al Tot	1
Front Line Demonstration	Thematic Area Production technology		and Year	cropping						SC/ST	Γ	Genera	al	Grand

	Orchard management	Canopy management of peach	ICAR NEHR, Umiam (2012)	Peach	1	4	Mynsn gat, Nartia ng, Wahiaj er, Ummu long		-Dec onths)	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		Title of the	No. of	Period	Duration	(in	On/Of		Nun	nber o	f ben	eficia	ries			Remarks
Mandated activities	Any other (Pl. Specify) Target group	training	No. of training	Period of the	Duration days)		On/Of f		Nun C/ST	nber o		eficia enera		Gran		Remarks
Mandated activities								SC M	C/ST F	To I	G	enera		Gran Tota	d	Remarks
		training Programme and	training	of the			f camp		C/ST F	To I tal	G M	enera	ıl		d	Remarks
On and Off campus Mandated activities training programmes	Target group	training Programme and No. of Courses Orchard	training progs	of the year Jan-	days)		f camp us	M	C/ST F 15	To Mail Market M	G/M -	enera F T	l Fotal	Tota	d	Remarks

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

Mandated	Thematic Area	Name of Technology	Source	Ass	Area	Location	Period	Number of beneficiaries/ trials
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activities					ess/	(in		and		SC/ST	Г		Gener	al	Grand
				Year of release	Refi ne	ha.)		Duratio n	М	F	Total	м	F	Total	Total
On farm testing	Varietal / hybrid evaluation Crop improvement														
On far	Seed productionIntegrated cropmanagementNurserymanagementPlant propagation														
Mandated activities	Any other Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/Cro pping system	Are (in ha.	1	ocation	Period and Duration	M	Nu SC/ST F		benefi M	ciaries Gener F	/ demon. al Total	Grand Total
	Varietal / hybrid evaluation Crop improvement Seed production Integrated crop														
	Integrated cropmanagementNurserymanagementPlant propagationAny other														

Mandate	Target group	Title of the training	No. of	t P	Duration	On/Off			Num	ber of b	eneficiar	ies		Remarks
d activities		Programme and No. of Courses in	trainin g	Period of the year	(in days)	campus		SC/ST	[Genera	ıl	Grand Total	
		bracket	progs	r of			Μ	F	Total	Μ	F	Total		
00	Farmer and Farm													
es lin	women													
D in G	Rural Youth													
m trian	Extension Personnel													
On and Off campus training programmes	Civil Society													
On mpu	NGO(including													
an C	school drop outs)													
	Others (Pl. specify)													
	Farmer and Farm													
	women													
les al	Rural Youth													
Vocational training programmes	Extension													
ati ini ar	Personnel													
	Civil Society													
	NGO(including													
	school drop outs)													
	Others (Pl. specify)													
														Sponsoring agency
	Farmer and Farm													
	women													

Name of the concerned Subject Matter Specialist :..... E-mailaddress:.....

Mandated activities	Thematic Area	Name of Technolo		Source and Year of	Ass ess/ Refi	Area (in ha.)	Locati	on Period and Duration		Numbe	r of bene	ficiarie	es/ tria	ls	
				release	ne					SC/S	Г		Gener	al	Grand
									М	F	Total	М	F	Total	Total
مط	Soil health														
On farm testing	Soil management														
te	Soil testing														
l E	Soil amendment														
fa	(Lime/ Others)														
On	Soil biology (BGA/ Azolla)														
	Soil microbes														
	(beneficial)														
	Any other														
Mandated	Thematic Area	Name of Technology	Source	Crop/	Are		ation	Period and		Nu	mber of	benefi	ciaries/	demon.	
activities		demonstrated	and Year	Cropping				Duration		SC/S			Gener		Grand
			of release	system	ha.	.)			м	F	Total	М	F	Total	Total
	Soil health														
_	Soil management														
ne	Soil testing														
Lii	Soil amendment														
Front Line emonstratic	Soil biology														
ro no	(BGA/ Azolla)														
Front Line Demonstration	Soil microbes														
	(beneficial)				_										
	Any other									1					

Mandated	Target group	Title of the training	No. of	Period of	Durati	On/Off			Num	ber of	benefici	aries		Remarks
activities		Programme and No. of	training progs	the year	on (in	campus		SC/S	· · · · · · · · · · · · · · · · · · ·		Gener		Grand	
		Courses in bracket			days)		Μ	F	Total	M	F	Total	Total	
s s	Farmer and Farm													
nd	women													
	Rural Youth													
On and Off campus training programmes	Extension													
ff Cog	Personnel													
O Id	Civil Society													
pu. ng	NGO(including													
ı a ini	school drop outs)													
ra]	Others (Pl.													
+	specify)									ļ				
50	Farmer and Farm													
ing	women													
es	Rural Youth													
Vocational training programmes	Extension													
al	Personnel													
gr on	Civil Society													
ro	NGO(including													
b CC	school drop outs)													
$\mathbf{\tilde{A}}$	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		Name of Technology Assessed/	Source and	Ass ess/	Area	No.of trials		Period		Nun	nber of b	enefici	aries		
activities	Thematic Area	Refined (in Specific)	Year of	Refi	(in	triais	Location	and		SC/S	· · · · · · · · · · · · · · · · · · ·		Gener	· · · · · · · · · · · · · · · · · · ·	G
			release	ne	ha.)			Duration	М	F	Total	М	F	Total	
iii	Integrated Disease Management	 Integrated disease management of powdery mildew in Pea (var. Arkel) 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,Ta dong,Sikki m, 2013	5	0.5	5	Niawkm ai, Sohphoh	(Sept- Dec) 3-4 months	2	3	5	-	-	-	
On farm testing	Integrated Disease Management	 Organic management of late blight in Tomato Spray of copper oxychloride (COC) @ 0.25 % (25 gms in 10litre water) at the onset of disease and at 7-10 days interval 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															$\frac{1}{1}$
	Store grain pest															T
	Others															l
Mandated	Thematic Area	Name of Technology	Source	Crop/	Area	No. of	Locati	ion	Period and			Numb	er of b	eneficia	aries	
activities	1	demonstrated	and Year	cropping	(in	demos.		c	Duration		SC/ST			Genera		
	1		of release	system	ha.)					М	F	Total	М	F	Total	
ion	Biological control	Organic management of white grub infestation in turmeric	ICAR- NOFRI, Sikkim, 2012	Turmeric	0.5	5	Lumkhu g, Namo Moodyn	dong	(March- Nov) 9 months	2	3	5	-	-	-	
Front Line Demonstration	Integrated Pest Management	Monitoring and management of fruit flies	ICAR, Umiam, 2014	Peach	1	4	Niriar Larna		(March- July) 5 months	2	2	4	-	-	-	
le De	Product evaluation															
t Lin	Beneficial insects															
Fron	Other beneficial organisms															
	Store grain pest		'	 										′		\square
ļ	Others (Pl. specify)]	·'	+								+	+	'		+
Mandated activities	Target group	Title of the training Programme and No. of	No. of training	Period of the		ration (in days)	On/Of f		N SC/ST	umber		neficiaries General	\$	Gran		Rei
	1	Courses in bracket	progs	year			camp us	М		otal I	M		Fotal	Tota		
	Farmer and Farm women	Eco friendly management of pests and diseases in turmeric	1	Jan -Dec		4	Off	15	15 3	30	-	-	-	30		

·		γγ						·	γ 	η	-,	η 	тт	
		(4)												1
		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	i I
		Integrated pest management in fruits (4)	1	Jan –Dec	4	Off	15	15	30	-	-	-	30	í
	Rural Youth	Role of bioagents for pest & disease management (4)	1	Jan -Dec	4	On	25	25	50	-	-	-	50	i I
		Indigenous plant extract for plant protection measures (4)	1	Jan –Dec	4	On	20	20	40	-	-	-	40	1
	Extension Personnel	IPM in Horticultural crops (4)	1	Jan –Dec	4	On	15	15	30	-	-	-	30	1
		Role of bioagents in modern agriculture (4)	1	Jan -Dec	4	On	15	15	30	-	-	-	30	Ĺ
s nal	Farmer and Farm women			T			[T			
Vocational training programmes	Rural Youth	Cultivation of oyster mushroom (2)	1	Jan -Dec	2	On	7	8	15	-	-	-	15	
tr proș		Value addition of oyster mushroom (2)	1	Jan -Dec	2	On	7	8	15	-	-	-	15	
ള														Spon Ag
Sponsored training programmes	Farmer & Farm women	Beekeeper (15)	1	9 th Jan- 3 rd Feb,2020	26	Off	12	8	20	-	-	-	20	AS (Com
rec	Rural Youth													
los	Extn. Personnel													
pr d	Civil Society													
<u>a</u>	NGO(school drop-						1			<u> </u>			[

	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	Asses s/Refi	Are a (in	No.of trials	Location	Period and		Numbe	r of bene	eficiarie	es/ trial	ls	
activities			release	ne	ha.			Duration		SC/S	· · · · · · · · · · · · · · · · · · ·		Gener		Gr
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: Reduce scattering of eggs during the laying period Reduce breakage of eggs Vent pecking has been found to be nil thereby reducing mortality and disease occurrence 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 far me rs	5	Sohmynti ng, Lad Mukhla, Rymbai, Shangpun g, Lumkhud ung	February - Septemb er (8 months)	2	F	Total	-	-	Total	Te
	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 (Refin ed)		5	Niawkma i, Latyrke, Wahiajier , Mootyrsh iah,Nong khroh	Oct- March (6 months)	3	2	5	-	-	-	

	Housing Processing/ Value addition	high altitude temperate region in context of climate variability. T housing model was evaluated an compared with conventional con floor pig housing in term of mic environment, physiological, ada performance, water use efficient animal welfare and behavior. Th depth of the saw dust is kept at a height of 1 foot. T 0: Farmer's practice: No management practices	he pig nd ncrete cro- uption, cy, he												
	Fodder production and quality enhancement														
	Pasture management Others														
			Source	Livestock	Area	No.of				Nu	umber of	benefi	ciaries/	demon.	
Mandated activities	Thematic Area	Name of Technology demonstrated	and Year of	enterpris	(in ha.)	demos	. Location	Period and Duration	M	SC/S	T Total	M	Genera F	al Total	Gr
Front Line Demonstra tion	Breed popularization	Rural poultry production with improved chicken variety (Vanaraja)	release Division of Livestoc k Producti on,	Poultry		15	Umlathk ur, Sohmynt ing, Lumkhu dung,	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, Sohpho Saitsam Namdo g- B,Sehl ma,Ral ng	a, n a								
	Pasture management Others (Pl. specify	()														
			No. of	ini Period g of the Duration (in day				SC/ST		ber of b	eneficiar Gener			Grand	Ren	
Mandated		Title of the training	traini	Period					SCIS			Gener	ai			
activities	Target group	Programme and No. of Courses in bracket	ng progs		ration (i	in days)	On/Off campus	Μ	F	Total	M	F	Tot	al	Total	
activities	Target group Farmer and Farm women	Programme and No. of	ng	of the	uration (i	in days)		M 15	F 15	Total 30	- M	F -	Tot:		Total 30	
activities	Farmer and	Programme and No. of Courses in bracket	ng progs	of the year Jan-	-	in days)	campus									
activities	Farmer and	Programme and No. of Courses in bracket Poultry Farming (4)	ng progs 1	of the year Jan- Dec Jan-	4	in days)	campus Off	15	15	30	-	-	-	al :	30	
activities	Farmer and	Programme and No. of Courses in bracket Poultry Farming (4) Piggery Farming (4)	ng progs 1 1	of the year Jan- Dec Jan- Dec Jan-	4	in days)	Campus Off Off	15	15	30	-	-	-		30 30	
activities	Farmer and	Programme and No. of Courses in bracket Poultry Farming (4) Piggery Farming (4) Dairy Farming (4)	ng progs 1 1 1	of the year Jan- Dec Jan- Dec Jan- Dec Jan-	4 4 4	in days)	Campus Off Off Off	15 15 15	15 15 15 15	30 30 30	-	-	-		30 30 30	

	1		1								·	1		
		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	1
			·	i i i i i i i i i i i i i i i i i i i			·			·			·	
	Farmer and Farm										· · · · · ·			
	women													
	Rural Youth	Poultry Farming (4)	1	Jan-Dec	4	On	15	15	30	-	-	-	30	
Vocational	Extension							+			1			
training	Personnel													
programmes	Civil Society							ļ						
	NGO(including													
	school drop-outs) Others (Pl.													_
	specify)													
														Sp
ng	Farmer and Farm		1											a
d traini mmes	women		1	20 th Feb- 20 th March, 2020	29	Off	12	13	25	-	-	-	25	A (co)
nsored traini vrogrammes	women Rural Youth	Small Poultry Grower (20) Poultry rearing & management (6)	1	Feb- 20 th March, 2020 20-26 th March,	29	Off Off	8	13 7	25	-	-	-	25	A
Sponsored training programmes	women Rural Youth	Poultry rearing &	1	Feb- 20 th March, 2020 20-26 th										A (co) 6 ST (Co

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

Discipline: Fisheries

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Mandated		Name of Technology	Source and Year	Ass ess/	Area	No. of		Period		I	Number	of bene	eficiar	ies	
activities	Thematic Area	rune of recimology	of release	Refi	(in	trials	Location	and Duration		SC/S	Г		Genei	ral	0
				ne	ha)			Duration	М	F	Total	М	F	Total	T
	Pond management														
	Fish breeding														
	Feeding management														
	Diseases management														
sting	Post harvest processing/ Value addition														
On farm testing	IFS Modules	Integrated livestock-cum-fish- cum-horticulture farming	COF-CAU,2013	5	1	5	Mulum, Sohmynt ing, Moodym mai, Khliehria t	May-Feb (12 months)	4	1	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	-	-		

Mandated	Thematic Area Of of system (in demos. Location Duration Image: Constraint of the system Image: Co		Period and		Nur	nber of b	enefic	iaries/	demon	•					
activities	Thematic Area	Name of reemology					Location	n,		SC/ST	Г		Genera	al	G
			release		IId)				М	F	Total	М	F	Total	Т
ıtion	Pond management	Pre-stocking and post –stocking management of pond aquaculture in hills	COF- CA U,201 3	Catla, rohu,mri gal, silver carp, grass carp, local common carp	1.2	13	Amlarem, Sohmyntin g, Niawkmai, Lumpudun g, Mukhla, Sohphoh	May-Feb (12 months)	9	4	13	_	-	-	
Front Line Demonstration	Fish breeding	Common carp breeding and seed production in happa	IC AR, Umiam, 2013	Common carp	0.3	5	Nangbah, Wahiajer, Larnai, Amlarem	Feb-March (3 months)	5	-	5	-	-	-	
nt Line	Feeding management														
Fro	Diseases management														
	Post harvest processing/ Value addition														
	Others (Pl. specify)														
Mandated	Target group	Title of the training	No. of Pe	rio Dur	ation (i	n davs)	On/Off	Nur	nber o	f benef	iciaries			Re	ema

activities		Programme and No. of	trainin	d of		campus		SC/S	Г		Gene	ral	Grand	
		Courses in bracket	g progra mme	the year			М	F	Total	M	F	Total	Total	
mes	Farmer and Farm women	Common carp breeding and seed production (4)	1	Jan- Dec	4	Off	15	15	30	-	-	-	30	
program		Composite Fish culture (4)	1	Jan- Dec	4	Off	15	15	30	-	-	-	30	
On and Off campus training programmes		Scientific fish rearing and management practices (5)	1	Jan- Dec	4	Off	15	15	30	-	-	-	30	
campu		Integrated Farming System (8)	1	Jan- Dec	5	On	25	25	50	-	-	-	50	
1 Off	Rural Youth	Value addition in fish (4)	1	Jan- Dec	4	On	20	20	40	-	-	-	40	
On and	Extension Personnel	Carp breeding and seed production (8)	1	Jan- Dec	5	On	10	10	20	-	-	-	20	
									1					
in se	Farmer and Farm women													
training	Rural Youth	Value addition in fish (4)	1	Jan- Dec	4	On	15	15	30	-	-	-	30	
	Extension Personnel													-
Vocational programmes	Civil Society NGO(including school drop-outs)													-
V ₀	Others (Pl. specify)													

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

Name of the concerned Subject Matter Specialist: Mo

MobileNo:

E-mail address :

Mandated activities	Thematic Area	Name of Technology	Source and	Ass ess/	Area (in	Location	Period and	1	lumbe	r of bene	ficiarie	es/ trial	S	
activities			Year of	Refi	ha.)		Duration		SC/ST	٢		Gener	al	Grand
			release	ne	114.7		Duration	М	F	Total	М	F	Total	Total
	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
testing	Energy saving tools/ devices													
On farm testing	Water harvesting devices including purification													
Õ	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	Thematic Area	Name of Technology	Source	Crop/Cro	Area	Location	Period and		Nu	mber of	benefi	ciaries/ c	lemon.	
activities			and Year	pping	(in		Duration		SC/S	Г		General		Grand
			of release	system	ha.)			Μ	F	Total	М	F	Total	Total
	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices													
tration	Water harvesting devices including purification													
ons	Hygienic Sanitation													
ine Den	Organic dye introduction/ utilization													
Front Line Demonstration	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	Target group	itle of the training	No. of	Period D	uratio	On/Off	Ni	umber (of bene	ficiaries			Rei	narks
activities		rogramme and No. of				campus	SC/ST			eneral		Grand		

		Courses in bracket	ng progs	year	days)		M	F	Total	М	F	Total	Total	
	Farmer and Farm													
ac	women		_											
nin														
rai														
us t es														
On and Off campus training programmes														
can														
ff (Rural Youth													
l o l														
anc														
)n c	Extn. Personnel													
	Civil Society													
	NGO													
	2 12		- <u>r</u>			· · · · · · · · · · · · · · · · · · ·	T	1	r		r	r		
	Farmer and Farm													
g ne:	women Rural Youth													
nin un	Extn. Personnel													
Vocational training trogrammes	Civil Society													
Vocational training programmes	NGO													
	Others													
								1						Sponsoring agency
	Farmer and Farm													
	women													
	Rural Youth													
	Extn. Personnel													
	Civil Society		- ₁											
	NGO													

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

E-mailaddress: Mandated **Thematic Area** Name of Technology Source Location Period Number of beneficiaries/ trials Asse Area activities ss/R and (in and SC/ST Grand efin General Year of ha.) Duration Total release e Μ F Total Μ F Total Introduction of MPTs in existing Systems Introduction of MPTs in newly Developed Systems Introduction of high value crops/ livestock in different systems On farm testing 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 **Thematic Area** Name of Source Crop/Cr Area Location Period and Number of beneficiaries/ demon. activities opping Duration Technology and (in SC/ST General Grand Year of system ha.) Total Μ F Total Μ F Total release Introduction of MPTs in existing Front Line Demonstration 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-fu	el species/															
	tress	(Denuine al															
	Canopy Management Topping)																
	Secondary forestry div	versification															
	(Bamboo/ Broomgrass	s etc.)													_]	
	Any other																
	-					·	1	ý								ļ	
Mandated	Target group	Title of the t	raining	No. of	Period	Duratio	On/Off				per of t					Rei	marks
activities		Programme	and No. of	trainig	of the	n (in	campus		SC/ST	· · · · · · · · · · · · · · · · · · ·			neral		Grand		
		Courses in b	oracket		year	days)		M	F	Tot	M	I	F í	Fotal	Total	ļ	
20	Farmer and Farm																
es ling	women Rural Youth															-	
On and Off mpus traini programmes	Extn. Personnel											_				-	
s tr ran	Civil Society											_				-	
n ang	NGO(including															-	
On and Off campus training programmes	school drop-outs)																
ິ	Others (Pl. specify)															-	
								L		L					I		
	Farmer and Farm					1			<u> </u>								
~	women																
s al	Rural Youth																
nin li	Extn. Personnel																
Vocational training programmes	Civil Society																
	NGO(school drop-																
	outs)											_				-	
	Others (Pl. specify)															6	
																Sponsor	ring agency
	Farmer and Farm																
	women											_				 	
	Rural Youth											_				<u> </u>	
	Extension Personnel									ļ		_				<u> </u>	
	Civil Society					ļ					ļ					 	
	NGO																

Mandated			Source and	Ass ess/	Area	No. of		Period		Numb	er of res	ponder	nts/ be	neficiari	es
activities	Thematic Area	Technology/ Method/ Process/ Model	Year of	Refi	(in ha.)	trials	Location	and Duration		SC/ST			Gener	· · · · · · · · · · · · · · · · · · ·	0
			release	ne	114.7			Duration	M	F	Total	М	F	Total	Ľ
	Formation of Groups														
On farm testing	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 et.al.,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 nationwin lockdown 4. Vulnerability Index (VI) 5. Documentation of marketing 6. and mitigating measures		45		45 sample	West Jaintia s 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 sample	West Jaintia Hills	Oct-Nov (2 months)	45	45	90	-	-	_	
	Technology Backstopping Dissemination time/														
	Loss of technologies														
	Coordination/ Convergence/														
	Others														
Mandated	Thematic Area	Technology/ Method/ Sourc	e Crop/	Are	a N	o. of 🛛 I	ocation	Period and			Numbe	er of be	eneficia	ries	
activities		Process/ Model and Ye		-		emos.		Duration		SC/ST	ŗ		Gener	al	0
		of releas	system e Enterpri		.)				м	F	Total	м	F	Total	

	T										r		т г	r		rr	
1	Formation of	1				, ,										i	
. I	Groups	+				, <u> </u>							──┤			ı ——	
i I	Benchmark Survey												1			i	
Front Line Demonstration	(PRA etc)	 Analysing backyard poultry as a source of livelihood Socio-economic benefits of backyard poultry Comparison of different poultry varieties on the basis of egg production, body weight, mortality, etc. Constraints and Benefits of adopting the technology 	its nt 2 - 1,	- Pou	ıltry	_	45 samples	West Jaintia Hills	ia	Nov-De (2 month		25	20	45	-	-	_
	Technology Backstopping				—	I		+									
ļ ļ	Dissemination time/ Loss of technologies					ł											
i F	Coordination/						+	+					<u> </u>			i – †	
I I	Convergence											, I	1			i	
, r	Others					,;	1									1	
Mandated	Target group	Title of the training	No. of	Period	Dur	ration (ii	in days)	On/Off			Nu	mbor (fhanet	ficiaries			Rem
activities	Target group		trainin	of the	Duit	ation (17		Ļ	├ ───	a culor					<u> </u>	<u> </u>	I\(i)
activities	1							campus	<u> </u>	SC/ST		<u> </u>	Gene			Grand	
1	1	Courses in bracket	g	year	1			ļ	M	F	Tot	Μ	F	Total	1	Total	
[]	II		progs	، ۱	1				1		al						
nd f ing am	Farmer and Farm women	Training on formation of SHG (5)	1	Jan-Dec		4		Off	0	30	30	-	-	-	\top	30	
On and Off campus training program	Г 	State and Centrally sponsored Agricultural and rural development	1	Jan-Dec		4		Off	15	15	30	-	-	-		30	

	r	<u>т</u> т		,		 1	· · · · · · · · · · · · · · · · · · ·	·	·	·	·	1	i	
		schemes (4)												
		Importance of e-	1	Jan-Dec	3	Off	15	15	30	-	-	-	30	
		Governance in												
		Agriculture development												
		(3)												
		Scope and importance of	1	Jan-Dec	4	Off	15	15	30	-	-	-	30	1
		Agri-preneurship												
		development (4)												
	Rural Youth	Importance of value	1	Jan-Dec	4	On	25	25	50	-	_	-	50	1
		chain analysis in	1	Juli Dee	•	011	25	25	50					
		agriculture as a scope of												
		entrepreneurship												
		development for rural												
		youth (8)												
		State and Centrally	1	Jan-Dec	2	 On	20	20	40	_	_	_	40	-
		sponsored Agricultural	1	Jan-Dee	2		20	20	-10	_	_	_		
		and rural development												
		schemes (4)												
	Extension Personnel	Market-led Agricultural	1	Jan-Dec	2	On	15	15	30	-	-	_	30	-
		Extension (4)	1	Jan-Dec	2		15	15	50	-	-	-	50	
			1	Jan-Dec	2	 On	15	15	30	_			30	-
		Importance of Farming	1	Jan-Dec	2	On	15	15	50	-	-	-	50	
		Situation Based												
		Extension (4)												
	Farmer and Farm		1				1	1	1	1	1			1
es	women													
	Rural Youth													1
nin am	Extension													-
⁄ocationa training rogramm	Personnel													
Vocational training programmes	Civil Society													1
r id	NGO					 			1			<u> </u>		1
	1	1	1	1 1		1	1	1	1	1	1	1	1	1

Others								
	· · ·							Sponso agency
		 	 	 	 	 	 	agency
Farmer and Farm	1							
women								
Rural Youth								
Extn. Personnel								
Civil Society								
NGO								
Others								

EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2020

			Durati			Nur	nber of bene	ficiaries (No.)		
Specific activity	No. of activities	Period of the	on (in		SC/ST			General		Gran	d Total
	activities	year	days)	Μ	F	Total	Μ	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 Environm ent 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 (No	98.)													
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 (No	s.)													
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 Yo	outh													
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. Pers	sonnel													
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	n 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 pro	oduction (tonnes)										0.2 (grou ndnut)		1.0 (paddy)	1.2

Planting materials (Nos. in Lakh)				500 nos. tomato seedlin gs				500 nos. tomato seedling s		1000 nos broco lli seedli ngs& 1000 nos. Cabb age seedli ngs		10q ginger& 5q turmeric	15q (spices) & 3000 nos. vegetable seedlings
Livestock strains (No. in lakh)			50	50	50 5	50 5	60 6	60 8	70 8	70 8	70 -	70	600 nos. Vanaraja birds& 50 Hampshir e&HDK- 75 niglata
Fingerlings (No. in lakh)		_	_	_	6000	7000	7000	_	_	-	_	-	75 piglets 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