INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Agricultural Technology Application Research Institute, Zone-VII Umiam, Meghalaya

Format for Annual Action Plan Formulation of KVKs2022-23

Name of the KVK/District: KVK Mokokchung

Present Staff Position in KVK:

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline
1.	Dr.KeviletsuKhate	M	ST	Senior Scientist and Head	Vety& AH
2.	E.RenbomoNgullie	M	ST	Subject Matter Specialist	Horticulture
3.	Dr.Sarendi Walling	M	ST	Subject Matter Specialist	Vety& AH
4.	TokihoAchumi	M	ST	Subject Matter Specialist	Agronomy
5.	Imtilemla	F	ST	Subject Matter Specialist	Soil Science
6.	Imtisenla	F	ST	Subject Matter Specialist	Agronomy
7.	Dr.RuopfuselhuoKehie	M	ST	Subject Matter Specialist	Entomology
8.	MoainlaLongkumer	F	ST	Programme Assistant	Horticulture
9.	I.Tangitla	F	ST	Computer Programmer	
10.	IlikaV.Achumi	F	ST	Farm Manager	Horticulture
11.	Keyilo	M	ST	Accountant / Superintendent	
12.	Imosangla	F	ST	Stenographer	
13.	Supongmeren	M	ST	Driver	
14.	Jongpongyanger	M	ST	Driver	
15	Imkonglemla	F	ST	Supporting staff	
16	Aotoshi	M	ST	Supporting staff	
Total: 1	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: Imtisenla

Mobile No:8837079368

 $\textbf{E-mail address:} \ \mathsf{Imtisenlaimsen@gmail}$

Mandate	Thematic	Details of Technology	Source	Assess/	Ar	No	Locatio	Period		Num	ber of b	enefic	iaries		
d	Area/Title of		and	Refine	ea	of	n	and		SC/S	Γ		Gener	al	Grand
activities	technology		Year		(in	trial		Duratio	M	F	Tota	M	F	Tota	Total
			of		Ha			n			1			l	
			release)										
	Varietal evaluation	1. Soybean will be sown	VPKA	A	.5h	3	Changto	120-	1	2	3				3
	of Soybean Var.VL	in July-August month.	S,Almo		a		ngya,Tu	130days							
	soya 77 and VL		ra,				li								
38	soya 89	2.Spacing: 30×10cm.	2018												
testing															
	Utera cropping of	1.Pea will be sown after	ICAR,	A	.5	3	Longkh	120days	1	2	3				3
farm	pea under rice based	paddy in October	Umiam				um,Yim	-							
fa	cropping system	2.Pea will be sown @	, 2011				chalu								
On		25x10cm spacing													
	(TRC)	3. 20cm standing stubble													
		in lowland													

Mandate	Thematic Area	Technology/Crop/Cro	Source	Demon	Area	Location	Period			Number	r of be	neficia	aries	
d		pping system	and Year	(No.)	(in		and		SC/S'	T	(Gener	al	Grand
activities			of release		Ha)		Duration	M	F	Tota	M	F	Tota	Total
										l			l	
0	Popularization of	Pea	IIPR,2016		1ha	Kupza,Tuli	120days	4	4	8				8
ne ati	Pea (VarAman).			8										
Str														
ont ions	Demonstration on	Toria	RARS,	6	1ha	Tuli	95days	2	3	5				5
Fre	Toria var. TS 67		shillongon											
```			i, AAU.											

Mandated	Target group	Title of the training	No. of	Period	Durat	On/Off			Numb	er of l	nenefic	riarie	s .		Remarks
activities	Target group	Programme and No. of	training	of the	ion	campu		SC/S			Gene			Gran	Kemarks
		Courses in bracket	progs	year	(in days)	s	M	F	Total	M	F	T	otal	d Total	
	Farmer and Farm women	1.Training on Kharif crops 2.Cultivation of soybean	1	Feb June	1	Off Off	10	15 15	25 25					<ul><li>25</li><li>25</li></ul>	
		3. Cultivation of oilseeds	1	Aug.	1	On	8	15	23					23	
		4.Cultivation of pulses.	1	Oct	1	on	10	20	30					30	
0 1000															
On and Off campus	Rural Youth														
training programmes	Extension Personnel	Training on Advances of integrated farming system.	1	April	1	on	10	10	20					20	
	Civil Society	2,200													
	NGO (including school drop outs)														
	Others														
							·								
ಶ	Farmer and Farm women														
inir es	Rural Youth														
tra	Extension Personnel														
red	Civil Society														
Sponsored training programmes	NGO(including school drop														
	outs) Others														

<u>Discipline</u>: Agronomy Name of the concerned Subject Matter Specialist:TokihoAchumi Mobile No: 9612257819.

## E-mailaddress:tokipugho@gmail.com

Mandated	Thematic	Details of Technology	Source and Year	Assess/	Area	No of	Location	Period &Duratio		Num SC/ST			ficiar 1eral	ies Grand
activities	Area	Details of Technology	of release	Refine	(Ha)	trial	Location	n	M	F	T	M	F T	
Bu	Coarse Cereals Production	Assessment of Bio-fortified pearl millet  Technology: Dhanshakti and ICMH 1201 (Shakti-1201) Characteristics: Early maturing, open pollinated variety, High iron bio- fortified cultivar Production Conditions: Early Sown Rain-fed	International Crops Research Institute for semi- Arid tropics (ICRISAT)  2014	Assess	0.5	2		May- Oct	2	-	2			2
On farm testing	Oilseed Production	Utera cropping of Mustard in Rice based cropping system under Jhum/TRC Technology:DRMR (1165- 40)PusaMustard 28 (NPJ- 124), TS 67 Characteristics:timely sown rainfed, heat tolerant at seedling stage, moisture stress, 40-42.5%. Av.yield 22-26q/ha. Duration is 133- 151 days Production Conditions: Early Sown rainfed /irrigated	ICAR-Indian Agricultural Research Institute New Delhi 2012	Assess	0.5	2		Oct- Jan	1	1	2			2
Mandated	Thematic	Technology/Crop/Croppin	ng Source and	Voor of	Demo	Area	Location	Period		Name	ber of	hone	ficiar	rios

activities	Area	system	release	(No)	(Ha)	&Duratio		SC/ST	1	Ge	neral	Grand
						n	M	F	T	M	F T	Total
Front Line Demonstration	Oilseed production	Cultivation of oilseed for higher economic return Crop: Soyabean Variety: RVS 2001-4 Season: Kharif Characteristics: 2-3 seeded/pods Oval shaped yellow colour seed Av. Yield: 2495 kg/ha Duration: 92-95 days	Directorate Of Research Services RVSKVV, Gwalior, MP 2014	10	5 ha	June-Oct	6	4	10			10
<u> </u>												

Mandated	Target	Title of the training	No. of	Period of	Duration	On/Off		N	umber of	bene	eficia	ries		Remarks
activities	group	Programme and No. of Courses	training	the year	(in days)	campus		SC/S	T	G	ener	al	Grand	
		in bracket	progs				M	F	Total	M	F	T	Total	
		1. Seed potato production Technology	1	April'22	1	On	10	5	15				15	
		2. Advance production and Disease Management Technology in Ginger	1	May'22	1	On	10	5	15				15	
On and Off	Farmer	3. System of Rice Intensification Technology for enhancing rice production	1	Jun'22	2	Off	10	10	20				20	
campus training	and Farm women	4. Good Management practices in Cereals under upland situation	1	July '22	1	On	10	10	20				20	
programmes		5. Advance Management practices for higher productivity of Oilseeds and pulses under diversified cropping system	1	Aug'22	1	On	10	5	15				15	
		6. Post harvest management in Seed Potato production	1	Sept'22	2	Off	10	10	20				20	
		7. Zero tillage in Oilseeds	1	Oct'22	1	Off	10	5	15				15	

		production technology under TRC										
		8. Conservation Agriculture	1	Feb'23	1	On	10	5	15		15	
	Rural Youth	1.Potato Seed treatment and storage	1	Sept '22	2	Off	10	10	20		20	
	Extension Personnel	1.Principle and Critical steps in SRI Technology application	1	Augʻ22	1	On	10	5	15		15	
	Civil Society											
	NGO (including											
	school drop outs)											
	Others											
es	Farmer and Farm											
l u	women											
'ograr	Rural Youth											
ing pr	Extension Personnel											
train	Civil Society											
ional	NGO(incl uding											
Vocational training programmes	school drop outs)											
	Others											

**<u>Discipline</u>**: Horticulture

Name of the concerned Subject Matter Specialist : RenbomoNgullie

Mobile No:9436605485 E-mailaddress:ngullier8@gmail.com

Mandate	Thematic Area	Details of Technology	Source	Assess/	Ar	No	Locatio	Period		Num	ber of b	enefic	iaries		
d			and	Refine	ea	of	n	and		SC/S'	T	(	Gener	al	Grand
activities			Year		(in	trial		Duratio	M	F	Tota	M	F	Tota	Total
			of		Ha			n			l			l	
			release		)										
	Varietal evaluation	Assessment of multiple	IIHR	Assess	0.75	3	Longkhu	Feb-July	1	2	3	-	-	-	3
		disease resistant tomato	2018				m,								
		var. ArkaAbhed.					Kupza,								
		T-1: ArkaAbhed,					Longpa								
		T-2: Samrat, T-3:Farmer's													
		variety													
		Seed treatment: Thiram or													
		Captan @ 2.5g/kg of seed													
		before sowing													
		400 – 500g seed is sufficient													
l g		to raise seedlings for one													
sti		hectare.													
l te		Sowing: September													
l E		Spacing: 60cm X 45cm Fertilization: 80 – 100kg N,													
[a]		80kg P and 60kg K.													
On farm testing	Varietal evaluation	Varietal assessment of	IARI	Assess	0.75	3	Kinunger	August-	1	2	3	_	_	_	3
	variour o variation	cauliflower	2016	1155055	0.75	3	, Aliba,	Decembe	•	_	5				J
		T-1: Cashmere, T-2: Candid	2010				Longjang	r							
		Charm <b>T-3:Madhuri</b>					- a, - b								
		<b>T-4:</b> Farmer's variety													
		Seed treatment : Thiram or													
		Captan @ 2.5g/kg of seed													
		before sowing													
		Sowing : September													
		Spacing: 50cm X 45cm													
		Fertilization: 130 – 150kg N,													

		90kg P and 90kg K.														
			•			1		,		•		•		•		
Mandate	Thematic Area	Technology/Crop/Cro	Source	Demon		Locati	ion	Peri	_				er of	beneficia		1
d		pping system	and Year	(No.)	(in			an	_		SC/S'			Gener		Grand
activities			of release		Ha)			Dura	tion	M	F	Tota l	M	F	Tota l	Total
	Vegetable production	Demonstration on high yielding and disease resistant chilli variety ArkaKhyati	IIHR 2016	6	3	Longsa, Kupza, Changto a, Mangme		Feb-No	υV	2	4	6				6
onstration		Popularization of disease resistant chilli variety ArkaMeghana	IIHR 2014	6	3	Longsa, Longkhi Longpa, Unger	um,	Feb-Au	ıgust	3	3	6	-	-	-	6
Front Line Demonstration		Popularization of disease resistantTomato variety ArkaSamrat	IIHR 2016	6	3	Mangme g, Longkhu Chanyon , Chuchuy NG	um, ngya yiml	March	July	3	3	6				6
		Income generation through high value crop (Broccoli var. Green Magic)	ICAR 2016	6	3	Kinunge tsu, Changto a, Aliba		Aug-D	ec	3	3	6	-	-	-	6
Me 1 - 4	J Tongst	Title of the territor	No -£	Dow! - J	Danier 4	O/O-00			NI 1	- C	h a	fi ai				
Mandated activities	001	Title of the training Programme and No. of	No. of training	Period of the	Durat ion	On/Off campu		SC/S		ber of		ficiarion neral	es	Gran	Kei	marks
activities		Courses in bracket	progs	year	(in days)	S	M	F	Total	M			Fotal	d Total		
On and O campus	Farm women	Nursery raising and management of chilli and tomato	2	Feb/Ma rch	2	Off	17	33	50	-	-	-		50		
training programm		Improved cultivation practices of Chilli	1	Februar y	1	Off	12	13	25	-	-	-		25		

		Improved cultivation	1	March	1	Off	11	14	25	_	1 -	_	25	
		practices of tomato.	1	TVIGI CIT	1				23					
		Scientific Production	1	April	1	On	10	15	25	-	-	-	25	1
		technology of banana	1	1.4		0,11	42	42	2-					-
		Mulching in chilli and tomato	1	May	1	Off	12	13	25	-	-	-	25	
		Management of orange orchards	1	June	1	Off	11	14	25	-	-	-	25	
		Winter vegetable nursery raising and management	2	Aug/Se p	2	Off	20	30	50	-	-	-	50	
		Improved Production technologies of potato	1	Oct	1	Off	10	15	25	-	-	-	25	
		Processing and value addition of fruits	1	Decemb er	1	On	10	15	25	-	-	-	25	
	Rural Youth	Nutritional gardening	1	April	1	On	06	14	20	-	-	-	20	1
		Scientific production of vegetable seedling	1	Sep.	2	Off	08	12	20	-	-	-	20	
		Value addition of fruits	1	Nov	3	On	06	14	20	-	-	-	20	1
	Extension Personnel	Improved Production technologies of potato	1	March	1	On	12	08	20	-	-	-	20	
	Tersonner	Mulching of vegetable crops	1	Sep	1	On	09	11	20	-	-	-	20	
	Civil Society													
	NGO (including school drop													
	outs)													  -
	Others				L									
	T 1													1
gu	Farmer and Farm women													
imi	Rural Youth													1
onsored traini programmes	Extension Personnel													1
ore ogra	Civil Society					1							1	1
Sponsored training programmes	NGO(including school drop	Scientific cultivation practices of vegetables	1	October	2	Off	12	15	27				27	ATMA
	outs)													

		Others													
--	--	--------	--	--	--	--	--	--	--	--	--	--	--	--	--

**Discipline:** Animal Science

Name of the concerned Subject Matter Specialist :Dr.S. Sarendi Walling

Mobile No: 7005050701 E-mailaddress:sarendiwalling@gmail.com

Mandate	Thematic Area	Details of Technology	Source	Assess/	Area	No of	Locat	Period		Num	ber of b	enefic	iaries		
d			and	Refine	(in	trial	ion	and		SC/S	Γ	(	Gener	al	Grand
activities			Year of		Ha)			Duratio	M	F	Tota	M	F	Tota	Total
			release					n			l			l	
On farm testing	Feed management	Assessment of Azolla (A. caroliniana) feeding as dietary supplementation in backyard poultry feeding	National Institute of Animal Nutritio n and Physiolo gy(NIA NP), Bangalo re, 2012	A	30 birds per benef iciary	3	Villag es under EAC Kobul ong	Whole year round	3		3		-	-	3
On far	Breed introduction	Introduction of Kumrupa chicken in backyards	AIRCP on Poultry Breedin g, AAU, Jorhat, 2015	A	30 birds per benef iciary	5	Villag es under EAC Kobul ong	Whole year round	5	-	5	-	-	-	5

Mandate	Thematic Area	Technology/Crop/Cro	Source	Demon	Area	Locati	ion	Per	iod			Numbe	r of b	eneficia	aries	
d		pping system	and Year	(No.)	(in			an			SC/S			Gener		Grand
activities			of release		Ha)			Dura	tion	M	F	Tota l	M	F	Tota l	Total
Front Line	Health care	Demonstration on iron injection and supplementation of vitamin-mineral mixture for production of quality piglets	ICAR, NEHR, 2009	1	3 units	Village under E Kobulo	EAC	Wh year r		15	-	15	-	-	-	15
Demonstr ation	Integrated livestock farming	Popularization of Integrated farming system involving fish and White pekin	CARI, UP	1	5 units	Village under E Kobulo	EAC	Wh year i		5	-	5	-	-	-	5
Mandated	Target group	Title of the training	No. of	Period	Durat	On/Off			Numl	ber of	bene	ficiaries	<u> </u>		Rei	marks
activities		Programme and No. of	training	of the	ion	campu		SC/S				neral		Gran		
		Courses in bracket	progs	year	(in days)	S	M	F	Total	M		F To	otal	d Total		
	Farmer and Farm women	1. Piggery management (4) 2. Poultry management (1)	5	Whole year round	1 day	On=1 Off=4	45	30	75	-	-	-		75		
On and Of	Rural Youth	1. Piggery management (3) 2. Poultry management (1)	4	Whole year round	1 day	On=1 Off=3	40	20	60	-	-	-		60		
training programm		1. Integrated farming approach in livestock(1)	1	Whole year round	1 day	Off= 1	10	5	15	-	-	-		15		
	Civil Society NGO (including school drop outs) Others															

							·							
	Farmer and	1. Piggery management	5	Jan	3 days	Off= 5	16	40	200	-	-	-	200	Ministry of
	Farm women	(5)		2022 to			0							Fisheries,
50				March										Animal
nir s				2022										Husbandry
rai me	Rural Youth													and Dairying
d t	Extension													
re gra	Personnel													
onsored traini programmes	Civil Society													
Sponsored training programmes	NGO(including													
$\infty$	school drop													
	outs)													
	Others													
	Farmer and	1. Piggery production	1	Whole	2 days	Off= 1	15	-	15	-	-	-	15	
	Farm women	and management(1)		year										
ing.				round										
nin les	Rural Youth													
tr:	Extension													
ral	Personnel													
cational train programmes	Civil Society													
Vocational training programmes	NGO(including													
N ₀	school drop													
,	outs)													
	Others													

# **Discipline:** Plant Protection

Name of the concerned Subject Matter Specialist: <u>Dr.RuopfüselhouKehie</u>

Mobile No:9436609608/9862372925 E-mailaddress:abukehie11@gmail.com

Mandated	Thematic Area	Details of Technology	Source	Assess/	Are	No of	Location	Period		Nun	nber of b	enefici	aries		
activities			and	Refine	а	trial		and		SC/S1	Г		Genera	al	Grand
			Year of		(in			Duration	М	F	Total	М	F	Total	Total
	Y 1 D	IDM E II A W	release	4	Ha)	2	v 1	4 11	2	2					
	Integrated Pest	IPM on Fall Army Worm:	ICAR,	Assess	0.7	3	Longko	April–	3	3	6	-	-	-	6
	Management	T-1.	2019	ment	5		ng,	July '22							
		Metarhiziumanisopliae					Sungrats								
		talc formulation@ 5g/litre					u and								
		whorl application at 15-25					Yisemy								
		days after sowing +					ong								
		Spraying of													
		Beauveriabassiana&Bacill													
ng		us													
esti		thuringensisvarKurstaki&													
i i		2g/lt of water.													
On farm testing		1. T-2. Spraying of Emamectin benzoate5%SG @ 0.4g/lt.													
	Biological control	Management of major insect pests in Chilli	Entom ology	Assess ment	0.5	2	Khensa &Monse	April– July '22	2	2	4	-	-	-	4
		T-1:Alternate Spraying of <i>Lecanicilliumlicanii</i> @ 5	Section ,				nyimti								
		ml/lt of water and	ICAR,												
		Azadirachtin 0.03 EC @	Umiam												
		5ml/lt. at 15 days interval	, 2017												

		ot and florescient star		1				1							
		at pre flowering stage. T-2: Yellow Sticky trap													
		T-3: Control													
	Distantes 1 sentual		IIIID		0.7		Lonalda	A:1	2	2	1				4
	Biological control	Management of Late	IIHR	assess	0.7	2	Longkh	April–	2	2	4	-	-	-	4
		Blight in Tomato T-1 :ArkaSamrat	Bangal	ment	0.5	2	um&Ma	July '22							
			uru,				ngmaton								
		(Resistant Variety)	2010				g								
		T-2 : ArkaAbhed													
		T-3 : Farmers practice +													
		Spraying of Copper													
		Oxychloride (COC) @ 0.25% (25 g /10 L of water	er												
		at 7-10 days interval with													
		the onset of disease													
		occurance).													
		T-4: Farmers Practice													
		without COC													
							1								
Mandated	Thematic Area	Technology/Crop/Croppi	Source and	Demon	Area	Lo	ocation	Period and			Numbe				
Mandated activities	Thematic Area	Technology/Crop/Croppi ng system	Year of	Demon (No.)	(in	Lo	ocation	Period and Duration		SC/S1	ſ		Gener	al	Grand
		ng system	Year of release	(No.)	(in Ha)			Duration	M	F					Total
	Integrated Pest	ng system  Popularization of	Year of release		(in		su&Kin	Duration April –	<b>M</b> 2		ſ		Gener	al	
activities		ng system  Popularization of Pheromone trap for	Year of release	(No.)	(in Ha)		su&Kin	Duration		F	Total		Gener	al	Total
activities	Integrated Pest	ng system  Popularization of Pheromone trap for management of Fruit	Year of release	(No.)	(in Ha)	Sats	su&Kin	Duration April –		F	Total		Gener	al	Total
activities	Integrated Pest Management	ng system  Popularization of Pheromone trap for	Year of release IARI, 2013	(No.) 2	(in Ha)	Sats	su&Kin ger	Duration April –		F	Total		Gener	al	Total
activities	Integrated Pest Management  Integrated Disease	ng system  Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of	Year of release IARI, 2013	(No.)	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –		F	Total		Gener	al	Total
activities	Integrated Pest Management	ng system  Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in	Year of release IARI, 2013 SBCL, Upper	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	ng system  Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	ng system  Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp.	Year of release IARI, 2013 SBCL, Upper	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp. Seed treatment with	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp.  Seed treatment with Trichodermaviridi @ 5-	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp.  Seed treatment with Trichodermaviridi @ 5-10 gm/Kg seeds	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp.  Seed treatment with Trichodermaviridi @ 5-10 gm/Kg seeds Soil treatment @ 6-8	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
	Integrated Pest Management  Integrated Disease	Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp. Seed treatment with Trichodermaviridi @ 5-10 gm/Kg seeds Soil treatment @ 6-8 Kg/ha of land	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4
activities	Integrated Pest Management  Integrated Disease	Popularization of Pheromone trap for management of Fruit fly in Cucurbits  Management of Rhizoctoniaroot rot in Pea using Trichoderma spp.  Seed treatment with Trichodermaviridi @ 5-10 gm/Kg seeds Soil treatment @ 6-8	Year of release IARI, 2013 SBCL, Upper Shillong,	(No.) 2	(in Ha)	Sats	su&Kin ger chen&L	April – June '22  August –	2	<b>F</b> 2	Total 4	<b>M</b>	Gener	al	Total 4

Mandated	Target group	Title of the training	No. of	Period	Durati	On/Off				er of b	eneficiar			Remarks
activities		Programme and No. of	training	of the	on (in	campus		SC/S			Genera		Grand	
		Courses in bracket	progs	year	days)		M	F	Total	M	F	Total	Total	
	Farmer and Farm women	1. Integrated pest management of FAW in	3	May	3	Off	30	30	60				60	
		maize (1) 2. Pests &Diseses of Chilli and their managrement (1)	2	June	2	Off	20	20	40				40	
		3. Management of Insect Pests in Cucurbits (1)	2	April	2	Off	20	20	40				40	
On and Off campus		4. IDM in Pulses with special references to Pea(1)	2	Septem ber	2	Off	20	20	40				40	
training programmes	Rural Youth	1.Seasonal management of Honey bee (1)	2	Octobe r	2	Off	20	20	40				40	
		1.Rodent Management (1)	1	August	1	On	10	10	20				20	
	Extension Personnel													
	Civil Society													
	NGO (including school drop outs)													
	Others													
	Farmer and Farm													
	women													
al ;	Rural Youth													
on ing nn	Extension													
Vocational training programmes	Personnel													
Oc. fra ogi	Civil Society													
V V	NGO(including school drop outs)													
	Others													

training nmes									Sponsoring agency
traini	Farmer and Farm								
	women								
l p ਜ਼	Rural Youth								
Orc ogr	Extension Personnel								
onsore	Civil Society								
Spo	NGO(including								
$\infty$	school drop-outs)								
	Others (Pl. specify)	·						-	

**Discipline**: Soil Conservation

Name of the concerned Subject Matter Specialist:Imtilemla

Mobile No:8413991928E-mail address: imtilemlapongen@gmail.com

Mandated	Thematic Area	Details of Technology	Source	Assess/	Are	No of	Location	Period		Nun	nber of b	enefici	aries		
activities			and	Refine	а	trial		and		SC/S1	Γ		Gener	al	Grand
			Year of		(in			Duration	М	F	Total	М	F	Total	Total
			release		Ha)										
	Soil health	Assessment of Brown	G.B			3	3/Kubol	March-	3	-	3				3
		manuring (Dhaincha) in	Pant				ong&On	Oct'22							1
		upland/jhum paddy	Univer				gpangko								
<b>50</b>			sity of				ng block								
tin		Technology:	Agricul												
testing		1. Broadcasting &growing	ture,		0.1										
E		Dhaincha crop @ 20 kg/ha	Pantna	A	5										
far		alongwith upland jhum	gar&IC												
On 1		paddy upto 25-30 days and	AR-												
			ATARI												
		knocking it down by using	and												1
		100 kg salt/ha (10% NaCl)	<b>ICAR</b>												
		about 25-30 days after	for												

	sowing. 2. Stalebed system 3. Farmer practice	NEH, 2017										
Soil amendment (lime/others)	Assessment of lime on performance of potato/  Application of Lime @ 400 kg/ha in furrows + 50% RDF (120:120:60)+ 1 t/ha vermicompost. 100% RDF, Lime only	ICAR Compl ex for NEH region, Umiam ,2021	A	0.1	3	3/ Ongpan gkong& Kobulon g block		3	-	3		3
Nutrient management	Integrated Nutrient Management in Soyabean/ Application of rhizobium 200g/kg of seed + 20:60: 40 NPK Kg/ha + FYM 10t/ha+ furrow liming @ 500 kg/ha, 100% RDF, farmer practice	IARI, New Delhi, 2004	A	0.1	3	3/ Ongpan gkong& Kobulon g block	June- Nov	3	-	3		3

Mandated	Thematic Area	Technology/Crop/Croppi	Source and	Demon	Area	Location	Period and			Numbe	er of be	neficia	ries	
activities		ng system	Year of	(No.)	(in		Duration		SC/S	Г		Genera	al	Grand
			release		Ha)			М	F	Total	M	F	Total	Total
Front Line Demonstration	Soil health	Popularization of enriched compost for organic agriculture Technology details Amending normal compost with 1% P as Rock Phosphate together with	AAU, Jorhat 2012	10	3	Ongpangk ong⟪ pangkong block	Feb/march -sept/oct	10	10	20				20

On and Off	Farmer and Farm	1. Soil Health & fertility	2(1)	Jan &	2	Off	M 20	<b>F</b> 30	Total	l M		F	Total	Total 50		
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Durati on (in days)	On/Off campus	3.5	SC/ST	Γ			neral		Grand	Re	marks
Mondatad	Towart answer		No of	Dowlad	Durati	On/Off			<b>N</b> T	nha	f horse	Boic-i-			n.	monles
	il amendment me/ Others)	20-25 days in shade. For 100 kg compost, 1 kg N-fixer, 1 kg PSB and 17 kg Rock Phosphate.  Popularization of use of biochar for acid soil management  Technology details Charring of locally available weed biomass and/or sugarcane leaves and peels, rice straw and husk, paddy leaves and stalks) in covered pits (2x3x3 ft3) or in covered drums, which will be finely gounded and sieved for easy soil application. This biochar will be applied in the soil @ 5-10 tons/ha by mixing well in the soil.	ICAR Complex, Sikkim & IISS, Bhopal, 2018		2	Ongpar ong blo		Aug/s de		10	10	20				20
		inoculating Azospirillum/ Azotobacter and Phosphate Solubilizing Bacteria (PSB) each and curing for about														

campus	women	management		Feb'22,								
training programmes		2. Awareness of Soil& water conservation inHill Agriculture	2(1)	Jan &Feb' 22,	2	Off	20	30	50		50	
		3. Importance of Integrated nutrient management in agriculture	1(1)	June'2 2,	1	Off	10	10	20		20	
		4. Safe and judicious use of chemical fertilizers	1(1)	Feb'22	1	Off	5	5	10		10	
		5. Use of organics in vegetable production in homestead garden	1(1)	Mar'22	1	Off	-	20	20		20	
		6. Preparation of Organic manures and fertilizers	1(1)	Aug'22	1	Off	10	10	20		20	
		7. Soil & water conservation technology for hill Agriculture	1(1)	Nov'22	1	Off	10	10	20		20	
		8. Amelioration of acid soil for improvement of soil health	1(1)	Sept'2	1	Off	10	10	20		20	
		Vermicomposting	1(1)	Jan'22	1	Off	5	10	15		15	
	Rural Youth											
	Extension Personnel											
	Civil Society											
	NGO (including school drop outs)											
	Others											
Vocati onal trainin g progra	Farmer and Farm women											
Voi trai trai pro	Rural Youth Extension											

	Personnel													
	Civil Society	·												
	NGO(including school drop outs)													
	Others													
gu														
onsored training programmes	Farmer and Farm women													
an an	Rural Youth													
ore gr	Extension Personnel													
nsc oro	Civil Society													
Sponsored	NGO(including school drop-outs)													
	Others (Pl. specify)													

### EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2022

	No of	Dowie d of	Duratio			Nun	nber of be	eneficiaries	(No.)		
Specific activity	No. of activities	Period of	n (in		SC/ST			General		Gran	d Total
	activities	the year	days)	M	F	Total	M	F	Total	M	F
Diagnostic visit	41	Apr-Dec	41	52	75	127				52	75
Advisory services/ telephone talk	33	Apr-Dec	33	174	201	375				174	201
Training Manual	3	Apr-Dec									
Celebration of Important days											
Exhibition											
Exposure visit	1	June		12	13	15	-	-	-	12	13
Extension literature (Leaflet/folders/ Pamphlets)	6	Apr-Dec	-				-	-			
Extension / technical bulletin	1	Dec	-				-	-	-		
News letter	2						-	_	-		

News paper coverage	14	Apr-Dec	_			-	_	-	_		
Research publications											
Success stories/ Case studies											
Farm Science Clubs' Convenors											
meet											
Farmers' Seminar											
Farmers' visit to KVKs	4	Jul & Sept	4	25	35	60	-	-	-	25	35
Ex-trainees' meet											
Field day	10	Apr-Dec	10	75	90	165	-	-	-	75	90
Film show	2	Apr &Jun	2	15	25	40	-	-	-	15	25
Radio Talk	10	Apr-Dec									
TV talk											
KisanGosthi	1	Sept	1	20	25	45	-	-	-	20	25
Group Meeting	6	Apr-Dec	6	50	60	110	-	-	-	50	60
KisanMela	1	Sept	1				-	-	-		
Soil Health Camps	1	July	1	15	15	30				15	15
Animal Health Camps	1	May	1	20	30	50				20	30
Awareness camp											
Mobile Agro-Advisory	200	Apr-Dec				4408					
(Messages/ Beneficiaries)											
Method demonstration	15	Apr-Dec	15	88	91	179				88	91
Scientists' visit to farmers'	32	Apr-Dec	32	66	79	145				66	79
field	32	Прг-вес	52	00	1)	173				00	,,
Workshop/ Seminar											
Soil Testing	300	Apr-Dec		125	175	300				125	175
Water Testing											
Plant Testing											
Manure Testing											
Any other (Pl. Specify)											

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

# KVK:Mokokchung

	Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (No	).s.)	I												
i.	Number of Technologies	3	2	1	1	1		2				2	2	14
i.	Number of Trials	8	5	3	3	3		5				6	6	39
ii.	Area (ha)/ items (no.)	3 units	0.5+ 3 units	0.15	0.5	0.75		1.0				1.0	0.15 + 3 units	4 +9 units
FLD (No	os.)	I		I .	I	1	-1	1				-I		
i.	Number	2	13	3		11		8	6			22	6	71
ii.	Area(ha)/ items (no.)	1	5 + 3 units	3 units		7		1	1			9	3	27+6 units
Training	programme	- 1	l	l .					1	1	1			
Farmer														
i.	No. of course	6	5	5	2	5	5	3	2	1	4	6	4	48
ii.	No. of participants	150	125	125	50	125	125	75	50	25	100	150	100	1200
Rural Yo	outh	•		•	•	•	•	•	•		•	•	<b>.</b>	
i.	No. of course	1					2	3	3	1		1		11
ii.	No. Of participants	20					35	55	50	15		20		195
Ext. Pers	sonnel	1	1		ı		•		•		•		•	1
i.	No. of course	1				2	2						1	6
ii.	No. Of participants	20				35	35						20	110
Extension	n Activities/ programmes													
i.	No. of activities	18	20	27	18	17	20	14	21	12	19	11	12	209
ii.	No. of beneficiaries	371	403	517	370	347	399	296	421	254	379	211	232	4200
Seeds pro	oduction (tonnes)	0.35		0.1	0.51		0.3		0.25					1.51
Planting	materials (Nos. in Lakh)	0.155					0.195							0.35

Livestock strains (No. )													
Fingerlings (No. in lakh)													
Bio-agents/ products (tonnes)													
Bio-fertilizers/ Vermicompost etc. (in				0.025					0.025				0.05
Tonnes)													
Soil , Water, Plant, Manures Testing	100				100				100				300
(No. of samples to be tested)													
Soil , Water, Plant, Manures Testing	100				100				100				300
(No. of farmers benefitted)													
Soil , Water, Plant, Manures Testing	1				1				1				3
(No. of villages covered)													
Mobile Agro-Advisory (No. of	16	13	18	20	22	19	21	19	10	14	13	15	200
Messages)													
Mobile Agro-Advisory (No. of	397	275	438	459	461	412	445	440	236	268	264	313	4408
Farmers)													