

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Agricultural Technology Application Research Institute, Zone-VII
Umiam, Meghalaya
Format for Annual Action Plan Formulation of KVKs 2025

Name of the KVK/District: Chandel, Manipur

Present Staff Position in KVK: Chandel

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline
1.	Dr. A. Ameeta Devi	F	OBC	Senior Scientist & Head	Animal Science
2.	Ts. Leenda Monsang	F	ST	SMS	Plant Breeding
3.	Dr. Khumlo Levish Chongloi	F	ST	SMS	Agronomy
4.	Dr. K. Sonamani Singh	M	OBC	SMS	Agril. Engineering
5.	Ps. Lavid Anal	F	ST	SMS	Horticulture
6.				SMS	vacant
7.				SMS	vacant
8.	Kamei Super	M	ST	Programme Assistant	Farm Management
9.	Dehkhohao Doungel	M	ST	Programme Assistant	Computer Application
10.				Programme Assistant	Vacant
11.				Assistant	Vacant
12.	Ts. Ramesh Monsang	M	ST	Stenographer	Administrative
13.	Ng. Ganet Monsang	M	ST	Driver-cum-Mechanic	Technical
14.				Driver-cum-Mechanic	Vacant
15.	W. John Monsang	M	ST	Supporting Staff	Chawkidar
16.	K. Dathung Monsang	M	ST	Supporting Staff	Messenger
Total : 12					

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2025

Discipline: Agronomy

Name of the concerned Subject Matter Specialist: Dr. Khumlo Levish

Mobile No: 8974889354

E-mail address: levischongloi@gmail.com

Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	As ses s/R efi ne	Are a (in Ha)	No of trial	Location	Period and Durati on	Number of beneficiaries						
									SC/ST			General			Gran d Total
									M	F	To tal	M	F	Tota l	
On farm testing	Maize based cropping system	T1: Maize (Vijay composite) + Soybean (DSb-19) – Rajmah (Local) cropping system . T2: Maize (Vijay composite) (Sole) – Rajmah (Local) cropping system . T0: Maize (Local)– Fallow	ICAR Research Complex for NEH Region Manipur Centre (2017)	A	1.25	5	Lamphoupa sna and Riverlane	12 months	1	4	3	0	0	0	5
	Integrated Nutrient Management in rice var. RC-Maniphou-16	T1- 50 % RDF through fertilizers + 50 % through FYM and Rock phosphate T0- Farmer practice (Imbalance use of	ICAR Research Complex for NEH Region, Manipur Centre	A	1.25	5	Chandel christian, Riverlane, and Chandel Khullen	4 months	3	2	3	0	0	0	5

		fertilizers)	(2022)												
	Performance of French Bean under Organic farming for sustainability and profitability	T1- Lime application @ 500 Kg/ha, FYM @ 10t/ha+ Vermicompost @ 2.5 t/ha + Rock Phosphate @ 150 kg/ha + Neem cake @ 150 kg/ha T0- Farmer practice (No fertilizer application)	ICAR Research Complex for NEH Region, Umiam, Meghalaya (2023)	A	0.75	3	Lambung, Modi and Riverlane,	4 months	1	2	3	0	0	0	3
Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries							
								SC/ST			General			Grand Total	
								M	F	Total	M	F	Total		
Front Line Demonstration	Popularization of rice-based cropping system	Rice (RC-Maniphou-13)	ICAR – RC Manipur Centre, 2017	15 (Rice)	10	Chandel Christian, Modi, Lamphoupasn, Hnatham,	4 months	7	8	15	0	0	0	15	
		Rice (RC-Maniphou-13)-Rapeseed-mustard (PM-27) 2. Rice var. RC-Maniphou-13- Field pea (Prakash)		25 (Rapeseed)	10	Julbangching, Chandel Christian, Modi, Lamphoupasna, Hnatham,	4 months	11	14	25	0	0	0	25	
				12 (Field pea)	3	Chandel Christian, Modi, Lamphoupasn, Hnatham, Riverlane, Chakpikarong	4 months	4	8	12	0	0	0	12	

	Popularization of oilseed crop Soybean (DSB-19)	Soybean	UAS Dharwad (2014)	18	5	Lamphoupasn, Chandel Christian, Riverlane, Lambung, Mantripantha, Hnatham, Chandonpokpi Khambathel	4 months	8	10	18	0	0	0	18
	Popularization of pulse crop Blackgram (PU-31)	Blackgram	GBPUAT, Pantnagar 2008	14	5	Modi, Chandel Christian, Lamphoupasna, Riverlane, Unopat	4 months	6	8	14	0	0	0	14

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Organic farming and its role in climate change mitigation	1	Jan. 25	3	Off	10	10	20	0	0	0	20	
		Maize based cropping system for enhancing production and productivity and Integrated nutrient management in Cereals	1	March 25	2	Off	10	10	20	0	0	0	20	

		Nursery management and scientific cultivation practices of paddy	1	April 25	3	On	10	10	20	0	0	0	20	
		Scientific cultivation of millets	1	May 25	2	On	10	10	20	0	0	0	20	
		Crop diversification in improving household food security and income enhancement	1	Aug. 25	3	Off	10	10	20	0	0	0	20	
		Vocational training on Improvement of Rice fallows through intensification of oilseeds (Rapeseed-mustard) and pulses (Fieldpea and lentil)	1	Sept. 25	5	On	10	10	20	0	0	0	20	
		Adoption of suitable cropping system under hill ecosystem of Chandel district	1	Nov. 25	3	On	10	10	20	0	0	0	20	
	Rural Youth	Vocational training on Income generation through Vermi-composting and vermi-culture	1	Feb. 25	5	On	10	10	20	0	0	0	20	
		Integrated crop management in Rice	1	June. 25	2	Off	10	10	20	0	0	0	20	

		(ICM)												
	Extension Personnel	Integrated farming system for enhancement of livelihood security for small and marginal farmers	1	Oct. 25	1	On	10	10	20	0	0	0	20	
		Resource conservation for sustainable agriculture	1	Dec. 25	1	On	10	10	20	0	0	0	20	

Discipline: Plant Breeding

Name of the concerned Subject Matter Specialist: Ts. Leenda Monsang

Mobile No: 9436890671

E-mail address: tsleenda@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in Ha)	No of trial	Location	Period and Duration	Number of beneficiaries						
									SC/ST			General			Grand Total
									M	F	Total	M	F	Total	
On farm testing	Varietal Performance	T1: CAU R- 5	CAU, Imphal 2024	A	1.75	7	Laiching Meipou, Laiching Kangsang, Chandonpokpi and Japhou	Kharif and Six Months	3	4	7	0	0	0	7
		T2: RC Maniphou -16	ICAR, Manipur Centre 2021												
		T0: RC Maniphou – 13 (Check)	ICAR, Manipur Centre 2016												
	Varietal Performance	T1: CAU MS 1	2024 CAU, Imphal	A	1.00	5	Laiching Kangsang, Laiching Khunman, Japhou and Hnatham	Kharif and Four Months	1	4	5	0	0	0	5
		T2: DSb 32	2020 UAS Dharwad												
		T0: DSb 19 (Check)	2014 UAS Dharwad												

Mandated activities Front Line Demonstration	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in Ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Mandated activities Front Line Demonstration	Seed Production	Participatory Seed Production of Rice var. RC Maniphou -13	ICAR, Manipur Centre 2016	16	10.00	Khambathel, Unopat, Purum Lainingkhul, Ziontlang, Chandonpokpi, LaichingKangsang and Laiching Meipou	Kharif, 6 months	11	5	16	0	0	0	16
	Seed Production	Participatory Seed Production of Lentil var. IPL 220	ICAR IIPR 2018	20	5.00	Laiching Meipou, Laiching Kangsang, Chandonpokpi, Ziontlang	Rabi, 4 months	3	17	20	0	0	0	20

Mandate d activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of traini ng progr amm e	Period of the year	Durati on (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Gran d Total	
							M	F	Tot al	M	F	Total		
On and Off campus training programmes	Farmer and Farm Women	Identification of off-types and Rouging in seed production of Rapeseed Mustard and Lentil and its plant protection measures.	1	January	3	Off	8	24	32	0	0	0	32	
		Seed Production in Improved Maize varieties and its plant protection measures.	1	February	3	Off	1	19	20	0	0	0	20	
		Seed Storage in Rabi Pulses and oilseeds	1	March	2	Off	0	20	20	0	0	0	20	
		Quality seed production in Soybean and Groundnut	1	April	3	On	2	18	20	0	0	0	20	
		Seed Production in Improved Rice Varieties.	1	May	3	On	15	5	20	0	0	0	20	
		Importance and scope of in Millets for enhancing farm income	1	June	2	On	14	6	20	0	0	0	20	
		Identification of off types and rouging in Soybean and Groundnut and its Plant Protection Measures	1	July	3	Off	2	18	20	20	0	0	20	

		Identification of Off-types and Rouging at Pre-Flowering and post flowering Stage in Seed Production of Improved Rice varieties(RC Maniphou-13 and RC Maniphou-16) and its Plant protection measures.	1	August	3	Off	15	5	20	20	0	0	20	
		Agro-techniques on producing seed production in Rapeseed and Lentil .	1	October	3	On	5	15	20	20	0	0	20	
	Rural Youth	Seed production of composite Maize	1	November	2	On	7	9	13	20	0	0	20	
	Extension Functionaries	Participatory Seed production	1	September	1	On	4	16	20	20	0	0	20	
Vocational training programmes	Rural Youth	Seed production of rabi pulses and oilseeds	1	October	5	On	6	14	20	20	0	0	20	

Discipline: Horticulture

Name of the concerned Subject Matter Specialist: Ps. Lavid Anal , Mobile No: 7005175880 E-mail address: lavidpashel8@gmail.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	No. of Trial	Location	Period and Duration	Number of beneficiaries/ trials					
									SC/ST			General		
									M	F	T	M	F	T
On farm testing	Varietal evaluation	Performance of Okra var.Arka Nikita/Kashi Chaman T1= Arka Nikita T0= Kashi Chaman	ICAR-IIHR, Bangalore, 2020 ICAR-IIVR, Vavarasi, 2019	A	0.25	5	Lamphoupa sna & Modi	2025	2	3	5	0	0	0
	Brinjal	Performance of Brinjal (RC Mani Khamen-1)	ICAR, Manipur Centre, 2023	A	0.25	5	Panchai & Lamphoupa sna	2025	1	4	5	0	0	0

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	No. of Demo	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.					
								SC/ST			General		
								M	F	Total	M	F	Total
Front Line Demonstration	Vegetable Production	Popularization of Broccoli (Green Magic)	ICAR-IIHR, Bangalore, 2004	4	1	Chandel Christian, Lamphoupasna, Modi	2025	1	3	4	0	0	0
	Vegetable production	Fench bean (Arka Sharath)	ICAR-IIHR, Bangalore, 2016	4	1	Chandel Christian, Lamphoupasna, Modi	2025	1	3	4	0	0	0

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/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
	Farmer and Farm women	Post harvest management of citrus macroptera	1	Jan.	2	OFF	5	15	20	0	0	0	20	
		Training and pruning on fruit crops	1	Feb.	3	OFF	10	10	20	0	0	0	20	
		Air layering technique of guava	1	Mar	3	ON	10	10	20	0	0	0	20	
		Nutritional kitchen garden	1	April	2	ON	10	10	20	0	0	0	20	
		Rejuvenation and Management of citrus old orchard	1	June	3	ON	10	10	20	0	0	0	20	
		Farmers higher income generation through spice crops	1	July	2	OFF	10	10	20	0	0	0	20	
		Propagation of ornamental and seasonal plants	1	Aug	2	ON	10	10	20	0	0	0	20	
		Raising of nursery and management of medicinal and aromatic plant	1	Oct	2	OFF	10	10	20	0	0	0	20	
		Improved production technology of Tomato	1	Nov	2	ON	10	10	20	0	0	0	20	
	Extension Personel	Organic cultivation practices of fruit crops	1	May	2	ON	3	17	20	0	0	0	20	
Vocational training programmes	Farmer and Farm women	Protected cultivation of cabbage	1	Sept	5	ON	10	10	20	0	0	0	20	
	Rural Youth	Production technology of oyster mushroom	1	Dec	5	ON	5	15	20	0	0	0	20	
										0	0	0		

Discipline: Agricultural Engineering

Name of the concerned Subject Matter Specialist: Dr. K. Sonamani Singh

Mobile No: 9436282029

E-mail address: sonamanisingh@gmail.com

Mandate d activities	Thematic Area	Details of Technology	Source and Year of release	As ses s/R efi ne	Are a (in Ha)	No of trial	Location	Period and Durati on	Number of beneficiaries						
									SC/ST			General			Gran d Total
									M	F	To tal	M	F	Tota l	
On farm testing	Drudgery reduction	T1 :. Solar dryer (15 kg batch) T0 :- Manual drying	CAU, Imphal (2022)	A		3	Lambung and Chandel Christian	12 months	1	2	3	0	0	0	3
	Drudgery reduction	T1 - Ginger washer (50 rpm) T0 - Farmers’ practice (Manual washing)	CAU, Imphal (2023)	A		3	Lambung	12 months	3	0	3	0	0	0	0
Mandate d activities	Thematic Area	Technology/Crop/C ropping system	Source and Year of release	Demon (No.)	Are a (in Ha)	Location	Period and Durati on	Number of beneficiaries							
								SC/ST			General			Gran d Total	
								M	F	To tal	M	F	To tal		
Front Line Demonstration	Drudgery reduction	Paddy Drum Seeder	ICAR-CIAE, Bhopal, 2017	3	1.5	Chandonpokpi & Ziontlang	3 months	3	0	3	0	0	0	3	
	Resource conservation	Black mulching in king chilli	ICAR, Sikkim (2014)	3	1.5	Monsang Pantha	4 months	3	0	3	0	0	0	3	

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 and Off campus training programmes	Farmer and Farm women	Construction of contour bunds	1	Jan. 25	3	Off	10	10	20	0	0	0	20	
		Popularization of agricultural implements in hill agriculture.	1	March 25	2	Off	10	10	20	0	0	0	20	
		Use of locally available materials for construction of brushwood dams	1	April 25	3	On	10	10	20	0	0	0	20	
		Economic design of low-cost water harvesting structure.	1	May 25	2	On	10	10	20	0	0	0	20	
		Construction of half moon terraces	1	Aug. 25	3	Off	10	10	20	0	0	0	20	
		Procedure of soil sampling	1	Sept. 25	5	On	10	10	20	0	0	0	20	
		Economic design of water harvesting structure in hill agriculture.	1	Nov. 25	3	On	10	10	20	0	0	0	20	

	Rural Youth	Popularization of agricultural implements	1	Feb. 25	5	On	10	10	20	0	0	0	20	
		Importance of soil testing and SHCs	1	June. 25	2	Off	10	10	20	0	0	0	20	
	Extension Personnel	Procedure of soil sampling	1	Oct. 25	1	On	10	10	20	0	0	0	20	
		Gender-friendly agricultural implements	1	Dec. 25	1	On	10	10	20	0	0	0	20	

EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2025

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	52	2025	52	73	88	181	0	0	0	73	88
Advisory services/ telephone talk	74	2025	74	57	52	109	0	0	0	57	52
Training Manual	5	2025		19	31	50	0	0	0	19	31
Celebration of Important days	5	2025	5	250	250	500	0	0	0	250	250
Exhibition	5	2025	9	109	143	252	0	0	0	109	143
Exposure visit	3	2025	3	22	38	60	0	0	0	22	38
Extension literature (Leaflet/ folders/ Pamphlets)	8	2025	Mass	-	-	-	-	-	-	-	-
Extension / technical bulletin	3	2025	Mass	-	-	-	-	-	-	-	-
News letter	1	2025	Mass	-	-	-	-	-	-	-	-
News paper coverage	13	2025	Mass	-	-	-	-	-	-	-	-
Research publications	3	2025	Mass	-	-	-	-	-	-	-	-
Success stories/ Case studies	9	2025	Mass	-	-	-	-	-	-	-	-
Farm Science Clubs' Convenors meet	2	2025	2	40	120	160	0	0	0	40	120
Farmers' Seminar	2	2025	2	100	100	200	0	0	0	100	100

Farmers' visit to KVKs	30	2025	30	54	85	139	0	0	0	54	85
Ex-trainees' meet	4	2025	4	34	56	90	0	0	0	34	56
Field day	4	2025	4	60	91	151	0	0	0	60	91
Film show	5	2025	5	32	74	106	0	0	0	32	74
Radio Talk	4	2025	Mass	-	-	-	-	-	-	-	-
TV talk	1	2025	Mass	-	-	-	-	-	-	-	-
Kisan Gosthi	4	2025	4	154	193	347	0	0	0	154	193
Group Meeting	9	2025	18	38	73	100	0	0	0	28	63
Kisan Mela	2	2025	4	47	107	154	0	0	0	47	107
Soil Health Camps	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camps	-	-	-	-	-	-	-	-	-	-	-
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	5	2025	5	500	500	1000	0	0	0	500	500
Method demonstration	8	2025	8	26	39	65	0	0	0	26	39
Scientists' visit to farmers' field	32	2025	32	52	114	164	0	0	0	50	114
Workshop/ Seminar											
Soil Testing	139	2025	0	112	27	139	0	0	0	112	27
Water Testing	-	-	-	-	-	-	-	-	-	-	-
Plant Testing	-	-	-	-	-	-	-	-	-	-	-
Manure Testing	-	-	-	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-

ACTIVITY CALENDAR OF THE KVK (MONTH-WISE TARGET TO BE COMPLETED) FOR THE YEAR 2025

KVK: Chandel

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (No.s.)													
i. Number of Technologies	0	3	6	3	0	2	2	0	0	2	0	0	18
i. Number of Trials	0	15	22	9	0	6	8	0	0	6	0	0	66
ii. Area (ha)/ items (no.)	0	3	5.25	2.25	0	2	2.25	0	0	2	0	0	6.75
FLD (Nos.)													
i. Number	0	2	2	4	0	1	2	2	1	1	1	1	17
ii. Area(ha)/ items (no.)	0	11.5	11.5	13.5	0	1	13	6	1.5	1.5	1.5	1.5	62.5
Training programme													
Farmer													
i. No. of course	4	5	2	4	4	2	1	3	0	4	2	4	35
ii. No. of participants	80	100	40	80	80	40	20	60	0	92	40	85	717
Rural Youth													
i. No. of course	0	0	2	0	0	1	1	1	1	0	2	0	8
ii. No. Of participants	0	0	40	0	0	20	20	20	20	0	40	0	160
Ext. Personnel													
i. No. of course	0	1	0	0	0	1	2	0	2	0	0	0	6
ii. No. Of participants	0	20	0	0	0	20	40	0	40	0	0	0	120
Extension Activities/ programmes													

i. No. of activities	3	8	10	9	5	5	9	13	4	6	7	12	92
ii. No. of beneficiaries	21	34	67	69	39	56	63	50	40	31	61	91	622
Seeds production (tonnes)	0	0	0	0	0	0	0.5	0.7	1.5	2.7	0	0	5.4
Planting materials (Nos. in Lakh)	0.065	0.065	0.08	0.08	0.15	0.15	0.15	0.14	0.05	0.05	0.05	0.05	1.08
Livestock strains (No.)	0	0	0	0	0	50	0	0	0	0	0	50	100
Fingerlings (No. in lakh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents/ products (tonnes)	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizers/ Vermicompost etc. (in Tonnes)	0	0	0	0.15	0	0	0	0.2	0	0	0	0.15	0.5
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	16	28	34	0	0	0	0	0	0	12	17	32	139
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	16	28	34	0	0	0	0	0	0	12	17	32	139
Soil , Water, Plant, Manures Testing (No. of villages covered)	2	4	6	0	0	0	0	0	0	2	4	4	22
Mobile Agro-Advisory (No. of Messages)	1	1	1	1	1	1	1	1	1	1	1	1	12
Mobile Agro-Advisory (No. of Farmers)	525	525	525	525	525	525	525	525	525	525	525	525	6300