

**Requisite Information for ICAR-ATARI, Zone-VII
Annual Report (Jan -Dec, 2021)**

1. KVK: Champhai District

2. STAFF POSITION

Category	Staff			TOTAL		
	Sanctioned	Filled	Vacant	Sanctioned	Filled	Vacant
Head (01)	1	1	Nil	1	1	Nil
SMS (06)	6	5	1	6	5	1
Prog. Assistant (02)	2	2	Nil	2	2	Nil
Farm Manager (01)	1	1	Nil	1	1	Nil
Asst. Superintendent (01)	1	1	Nil	1	1	Nil
Stenography (01)	1	1	Nil	1	1	Nil
Supporting staff (02)	2	1	1	2	1	1
Driver (02)	2	2	Nil	2	2	Nil
Total (16)	16	14	2	16	14	2

3. Details of Villages in the KVK District

Sl No. (i)	Total No of Villages in the District (ii)	Total no of Villages adopted by KVK till date (iii)	Total No of Villages covered by KVKs interventions/activities (iv)	% of Villages Covered based on Col. ii & iv (v)
1	92	39	41	42.39

4. Summary of Agricultural Technologies assessed and Refined under different thematic Areas

Sl. No.	Thematic area	No. of Technology Assessed	No. of Trials	No. of Locations	Farmer Beneficiary (No.)
1	Varietal Evaluation	2	6	6	6
2	Integrated Nutrient Management/ Soil health management	1	3	3	3
3	Integrated Crop Management	2	3	3	3
4	Integrated Pest Management	2	6	6	6
5	Integrated Disease Management				
6	Weed Management	1	3	3	3
7	Water				

	management				
8	Storage technique				
9	Farm Machineries/ implements				
9	Value addition				
10	Small scale income generating enterprise				
11	Seed/Plant production	1	3	3	3
12	Drudgery reduction				
13	Post-harvest lost/ technology				
14	Resource Conservation Technology (RCTs)				
15	Mushroom cultivation				
16	Marketing				
17	ICT				
18	Any other (Pl. specify)				
	Total	9	24	24	24
Sl. No.	Thematic area	No. of technology refined	No. of trials	No. of Locations	Farmer Beneficiary (No.)
1	Varietal Evaluation				
2	Integrated Nutrient Management/ Soil health management				
3	Integrated Crop Management				
4	Integrated Pest Management				
5	Integrated Disease Management				
6	Weed Management				
7	Water management				
8	Storage technique				
9	Farm Machineries/ implements				
9	Value addition				
10	Small scale income generating enterprise				
11	Seed / Plant production				
12	Drudgery reduction				

13	Post-harvest lost/ technology				
14	Resource Conservation Technology (RCTs)				
15	Mushroom cultivation				
16	Marketing				
17	ICT				
18	Any Other				
	Total				

4. Summary of Livestock Technologies assessed and refined under different thematic areas

Sl. No.	Thematic area	No. of Technology Assessed	No. of Trials	No. of locations	Farmer Beneficiary (No.)
1	Disease Management				
2	Evaluation of breed				
3	Feed and fodder Management				
4	Nutrition Management				
5	Production and Management				
6.	Value Addition				
7.	Small Scale income generating enterprises				
8.	Fish production				
9	Fish Processing				
10	Meat Processing				
9.	Any other (Pl. specify)				
	Total				
Sl. No.	Thematic area	No. of Technology Refined	No. of Trials	No. of locations	Farmer Beneficiary (No.)
1	Disease Management				
2	Evaluation of breed				
3	Feed and fodder Management				
4	Nutrition Management				
5	Production and Management				
6.	Value Addition				
7.	Small Scale income generating enterprises				
8.	Fish production				
9.	Any other (Pl. specify)				
	Total				

5. Frontline Demonstration on Oilseeds Crops

Crop	Variety	No. of Farmers/ Demonstrations	Area (ha)	Average Yield (q/ha)		% Increase (Av.) over Check	Average Cost of cultivation (Rs./ha)		Av. B:C Ratio
				Demo	Check		Demo	Check	
Groundnut									
Sunflower									
Linseed									
Mustard									

Rapeseed									
Sesamum									
Soybean									
Toria									
Total									

6. Frontline Demonstration on Pulse Crops

Crop	Variety	No. of Farmers/ Demos	Area (ha)	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. B:C Ratio
				Demo	Check		Demo	Check	
Arhar									
Black gram									
Cowpea									
Field Pea	Pusa Pragati	10	5	21.80	14.50	50.34	36280	32520	1.89
French Beans									
Green gram									
Peas									
Rajmah									
Rice bean									
Lentil									
Any other (Pl. specify)									
Total	Pusa Pragati	10	5	21.80	14.50	50.34	36280	32520	1.89

7. Frontline Demonstration on Other Crops

Crop	Variety	No. of Farmers/ Demos	Area (ha)	Average Yield (q/ha)		% Increase	Av. Cost of cultivation (Rs./ha)		Av. B:C Ratio
				Demo	Check		Demo	Check	
A. Cereals									
Paddy									
Wheat									
Maize (Kharif, Rabi, Summer)									
Cropping system (Intercropping maize+greengram)									
Total									
B. Vegetables									
Brinjal									
Bottle Gourd									
Bitter Gourd									
Pointed gourd									
French Bean									
Pumpkin									
Potato	Kufri Megha	10	5	168.5	151	11	133064	87340	3:1

	Kufri Jyoti	40	2	80	65	23.08	190500	160000	1.68
Sweet Potato									
Tapioca									
Cabbage									
Cauliflower									
Carrot									
Tomato	Arka Abhed	10	7.5	420	320	31.25	173195	110345	4.8
Broccoli									
Capsicum									
Cucumber									
Lettuce									
Other Leafy Vegetables									
Any other - Broadbean									
Total									
C. Spices									
Turmeric									
Ginger									
Chillies									
Coriander									
Black pepper									
Onion									
Garlic									
Any other (Pl. specify)									
Total									
D. Fruits									
Khasi Mandarin									
Banana									
Mango									
Pine apple	Kew	10	10	on-going					
Water melon									
Peach									
Straw berry									
Plum									
Guava									
Litchi									
Passion fruit									
Kiwi fruit									
Any other (Pl. specify)									
Total									
Grand Total (A+B+C+D)		70	32.5	715.8	551	-	-	-	-

8. Frontline Demonstration on Livestock

Enterprise	Name of Breed/Species	No. of farmers/Demos	No. of animals, poultry birds etc.	Performance parameters / indicators	% change in the parameter
Dairying					
Poultry					
Goatery					
Duckery (Feeding Management)					
Piggery					
Rabbitary					
Any other (Pl. specify) Fishery					
Total					

9. Frontline Demonstration on Other enterprise

Category	No. of Farmer/Demo	No. of units	Performance parameters/ indicators	% change in parameter
Animal cum fish based IFS				
Paddy cum Fish				
Vermicomposting				
Chowchow				
Grain storage				
Banana fibre extractor				
Impact assessment				
Home Science				
Apiculture				
Mushroom				
Nutritional Garden				
Polyhouse				
Vegetable Nursery				
Flower Nursery				
Value Addition -Spices (Ginger, Turmeric etc.)				
Participatory video making				
Fish Silage				
Extraction of fiber from Okra				
Forest Species (Reclamation of degraded land with MPTS)				
Zero Energy Cool Chamber				
Bee hive Briquette Chulha				
Food Processing				
Fodder production				
Impact Assessment				

Natural Farming				
Recycling of waste	10	10	Average yield(Demo)-8 q Check-6q Gross cost-Rs 4280, Gross Return-Rs 14,000,Net return-Rs 9720,B:C-3:2	16.7
Rain water harvesting				
Protective Clothing				
Sugarcane				
Nutritional Diet				
Feed Management				
Water Resource Management				
Sloppy Agriculture Land Technology (SALT)				
Broom grass				
Low cost evaporative cool storage structure				
Jalkund				
Total	10	10		16.7

10. Frontline Demonstration on Farm machineries/ implements

Name of the implement/ machineries	Crop	Area (ha) covered	No. of Farmer/ Demon	Performance parameters / indicators	% change in parameter

11. Frontline Demonstration on Hybrid

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha)		
				Demo	Local check	% change
Tomato	Arka Abhed	10	5	420	320	31.25

12. Training programmes for farmers

Sl. No.	Thematic area	No. of Trainings (Courses)	No. of participants								G. Total
			Male				Female				
			SC/ST	OBC	Gen	Total	SC/ST	OBC	Gen	Total	
1.	Crop production										
2.	Horticulture										

	a. Vegetable crops	5(10)	90	-	-	90	60	-	-	60	150
	b. Fruits										
	c. Ornamental plants										
	d. Plantation crops										
	e. Tuber crops										
	f. Spices										
	g. Medicinal and Aromatic Plants										
	h. Preservation										
3.	Soil Health and Fertility Management/ INM	6(8)	45	-	-	45	37	-	-	37	82
4.	Livestock Production and management										
	a. Dairy										
	b. Piggery										
	c. Poultry										
	d. Duckery										
	e. Rabbitry										
5.	Fisheries										
6.	Home science/Women empowerment										
7.	Agri. Engineering										
8.	IPM	3(6)	63	-	-	63	22	-	-	22	85
9.	IDM										
10.	ICM	2 (4)	50	-	-	50	30	-	-	30	80
11.	IFS										
12.	Production of seeds/ planting materials	2(4)	44	-	-	44	16	-	-	16	60
13.	Capacity Building and Group Dynamics	1(2)	25	-	-	25	15	-	-	15	40
14.	Agro forestry	5 (8)	100	-	-	100	44	-	-	44	144
15.	Post harvest Technology										
16.	Resource Conservation Technology	2(3)	40	-	-	40	20	-	-	20	60
17.	Organic farming	2(2)	30	-	-	30	20	-	-	20	50
18.	Value addition										
19.	Integrated Water management										

20.	Mushroom cultivation	1(2)	-	-	-	-	20	-	-	20	20
21.	Bee keeping	2(2)	47	-	-	-	47	-	-	-	47
22.	Sericulture										
23.	Any other (Pl. specify)										
	Total	31(51)	534	-	-	487	317	-	-	284	818

13. Training programmes for Rural Youth (RY)

Sl. No.	Thematic area	No. of Trainings (Courses)	No. of participants								G. Total
			Male				Female				
			SC/ST	OBC	Gen	Total	SC/ST	OBC	Gen	Total	
1.	Crop production										
2.	Horticulture										
	b. Vegetable crops	2(4)	23	-	-	21	19	-	-	19	40
	b. Fruits										
	c. Ornamental plants										
	d. Plantation crops										
	e. Tuber crops										
	f. Spices										
	g. Medicinal and Aromatic Plants										
	h. Preservation										
3.	Soil Health and Fertility Management/ INM	1(2)	17	-	-	17	13	-	-	13	30
4.	Livestock Production and management										
	f. Dairy										
	g. Piggery										
	h. Poultry										
	i. Duckery										
	j. Rabbitry										
5.	Fisheries										
6.	Home science/Women empowerment										
7.	Agri. Engineering										
8.	IPM	1(2)	22	-	-	22	17	-	-	17	39
9.	IDM	1(1)	15	-	-	15	12	-	-	12	27
10.	ICM										
11.	IFS	1(1)	23	-	-	23	5	-	-	5	28
12.	Production of seeds/ planting materials	1(1)	18	-	-	18	7	-	-	7	25
13.	Capacity Building										

	and Group Dynamics										
14											
14.	Agro forestry	2 (4)	60	-	-	60	20	-	-	20	80
15.	Post harvest Technology										
16.	Resource Conservation Technology										
17.	Value addition										
18.	Organic farming	1(1)	9	-	-	9	6	-	-	6	15
19.	Integrated Water management										
20.	Mushroom cultivation	1(2)	7	-	-	7	23	-	-	23	30
21.	Bee keeping	1(1)	13	-	-	13	-	-	-	-	13
22.	Sericulture										
23.	Any other (Pl. specify)Controlled structure										
	Total	12(19)	207	-	-	205	122	-	-	122	327

14. Vocational training programmes for Rural Youth

Area of training	No. of Courses	Duration (days)	No. of Participants								
			General/OBC			SC/ST			Grand Total		
			M	F	Total	M	F	Total	M	F	Total
a. Crop production and management											
Commercial floriculture											
Commercial fruit production											
Commercial vegetable production											
Integrated crop management											
Organic farming	2(5)	6	-	-	-	12	3	15	12	3	15
Other	2(5)	6	-	-	-	12	3	15	12	3	15
Total											
b. Post harvest technology and value addition											
Value addition											
Other											
Total											
c. Livestock and fisheries											
Dairy farming											
Composite fish culture											
Sheep and goat rearing											
Piggery											

Poultry farming												
Other												
Magur Fish farming												
Total												
d. Income generation activities												
Vermicomposting	2(3)	5	-	-	-	6	9	15	6	9	15	
Production of bio-agents, bio-pesticides, Bio-fertilizers etc.	1(2)	5 days	-	-	-	21	15	36	21	15	36	
Repair and maintenance of farm machinery & implements												
Rural Crafts												
Seed production												
Sericulture												
Mushroom cultivation	1(1)	2 days	-	-	-	3	12	15	3	12	15	
Nursery, grafting etc.												
Tailoring, stitching, embroidery, dying etc.												
Agril. Paraworkers, paravet training												
Compost making	1(1)	3 days	-	-	-	12	7	19	12	7	19	
Total	7(12)		-	-	-	54	46	100	54	46	100	
e. Agricultural Extension												
Capacity building and group dynamics												
Marketing of Agri Produces												
FPO formation												
Other												
Total												
Grand Total	7(12)		-	-	-	54	46	100	54	46	100	

15. Training programmes for Extension Personnel (EP)

Sl. No.	Thematic area	No. of Trainings (Courses)	No. of participants								G. Total
			Male				Female				
			SC/ST	OBC	Gen	Total	SC/ST	OBC	Gen	Total	
1.	Crop production										
2.	Horticulture										
	c. Vegetable crops										
	b. Fruits										
	c. Ornamental plants										
	d. Plantation crops										
	e. Tuber crops										

	f. Spices										
	g. Medicinal and Aromatic Plants										
	h. Preservation										
3.	Soil Health and Fertility Management/ INM										
4.	Livestock Production and management										
	k. Dairy										
	l. Piggery										
	m. Poultry										
	n. Duckery										
	o. Rabbitry										
5.	Fisheries										
6.	Home science/Women empowerment										
7.	Agri. Engineering										
8.	IPM										
9.	IDM										
10.	ICM										
11.	IFS										
12.	Production of seeds/ planting materials	1(2)	7	-	-	7	3	-	-	3	10
13.	Capacity Building and Group Dynamics										
14.	Agro forestry	1 (1)	6	-	-	6	4	-	-	4	10
15.	Post harvest Technology										
16.	Resource Conservation Technology	1 (1)	8	-	-	8	5	-	-	5	13
17.	Value addition										
18.	Organic farming										
19.	Integrated Water management										
20.	Mushroom cultivation										
21.	Bee keeping										
22.	Sericulture										
23.	Any other (Pl. specify)										
	Total	3(4)	21	-	-	21	12	-	-	12	33

16. Sponsored training programmes conducted by KVK

Thematic area	No. Of course	No. of participants		
		Male		Female

		SC/ST	OBC	Gen	Total	SC/ST	OBC	Gen	Total	G. Total
a. Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management	1(1)	10	-	-	10	7	-	-	7	17
Production of Inputs at site	1(1)	16	-	-	16	12	-	-	12	28
Methods of protective cultivation										
Other-Microbial inoculants in vegetable crops										
Total										
b. Post harvest technology and value addition										
Processing and value addition	4(4)	-	-	-	-	185	-	-	-	185
Other	1(1)	-	-	-	-	10	-	-	-	10
Total	7(7)	26	-	-	26	214	-	-	19	240
c. Farm machinery										
Farm machinery, tools and implements										
Other										
Total										
d. Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Other RPL /DDUGKY										
Total										

e. Home Science										
Household nutritional security		-	-	-	-	40	-	-	-	40
Economic empowerment of women	3(4)	-	-	-	-	200	-	-	-	200
Drudgery reduction of women	2(2)	-	-	-	-	60	-	-	-	60
Other	5(6)	-	-	-	-	300	-	-	-	300
Total										
f. Agricultural Extension										
Capacity Building and Group Dynamics										
Other										
Total										
Grant Total										

17. Summary of Extension Activities organized by KVK

Sl. No.	Extension Activity	No. Of programme	No. of participants								G. Total
			Male				Female				
			SC/ST	OB C	Gen	Total	SC/ST	OB C	Gen	Total	
A.	Extension Activities										
1	Diagnostic visits	56	196	-	-	106	90	-	-	90	196
2	Advisory Services	550	400	-	-	400	150	-	-	150	550
3	Animal Health Camp	-	-	-	-	-	-	-	-	-	-
4	Plant health camp	-	-	-	-	-	-	-	-	-	-
5	Training/ practical manual	-	-	-	-	-	-	-	-	-	-
6	Celebration of important days	5	180	-	-	180	50	-	-	50	230
7	Exhibition	1	276	-	-	276	189	-	-	189	465
8	Exposure visits	1	13	-	-	13	5	-	-	5	18
9	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
10	Farmers Seminar/ workshop	1	40	-	-	40	20	-	-	20	60
11	Farmers Visit to KVK	-	280	-	-	280	302	-	-	302	582
12	Field Day	2	30	-	-	30	22	-	-	22	52
13	Group meetings/ Discussion	6	61	-	-	61	86	-	-	86	147
14.	Awareness Camp	1	21	-	-	21	27	-	-	27	48
15.	Kisan Gosthi	-	-	-	-	-	-	-	-	-	-
16.	Kisan Mela	1	155	-	-	155	208	-	-	208	363
17.	Mahila Mandal Conveners' meetings	-	-	-	-	-	-	-	-	-	-
18.	Method	2	22	-	-	22	13	-	-	13	35

	Demonstrations										
19.	Scientists visit to farmers field	35	331	-	-	331	212	-	-	212	543
20	Self Help Group Conveners meetings	2	27	-	-	27	60	-	-	60	87
21.	Soil health/ testing Campaigns	1	42	-	-	42	23	-	-	23	65
22.	Film show	2	127	-	-	127	238	-	-	238	365
23.	Any other (Pl. specify)										
	Total										
B.	Other Extension Activities										
1.	News paper coverage	18	-	-	-	-	-	-	-	-	18
2.	News letter	-	-	-	-	-	-	-	-	-	-
3.	Research papers	-	-	-	-	-	-	-	-	-	-
4.	Technical report/ article	-	-	-	-	-	-	-	-	-	-
5.	Radio talks	-	-	-	-	-	-	-	-	-	-
6.	TV Talks	-	-	-	-	-	-	-	-	-	-
7.	Electronic media	-	-	-	-	-	-	-	-	-	-
8.	CD publication	-	-	-	-	-	-	-	-	-	-
9.	Extension literature										

Sl. No.	Major group/ Class	Quantity									
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10.	Technical bulletins										
11.	Lecture delivered as resource person	3	89	-	-	89	120	-	-	120	209
12	Mobile app introduced	-	-	-	-	-	-	-	-	-	-
13	Whatsapp Group for Farmers/Entrepreneurs formed	5	230	-	-	230	180	-	-	180	410
12.	Leaflets/folders	8	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
13.	Any other (Pl. Specify)	-	-	-	-	-	-	-	-	-	-
	Total										
	Grand Total (A+B)	700	2520	-	-	2520	1995	-	-	1995	4443

A.	Seeds (qt)	
1	Cereals (1) Rice(Manipur local)	10q
	(2)Maize (Local)	5q
2	Oilseeds – Groundnut (ICGV-91114)	5q
3	Pulses-Field Pea (Pusa Pragati)	10q
4	Vegetables-Beans (Zorin bean)	25q
5	Spice-Mizo chilli(local)	5q
	Total (in Qt)	60qtl
B.	Planting materials (in Nos.)	
1	Fruits-Jackfruit	4000 nos
2	Plantation crops	
	a) Tree Bean (parkia spp)	1245 nos
	b) Drumstick (PKM-1)	6000 nos
3	Vegetables	
4.	a)Tomato(Arka Abhed & Arka Samrat)	12000 nos
5	b) Broccoli (Green Magic)	17000 nos
	c)Cabbage (Ryozeki)	8300 nos
	d. Chilli (local)	5400 nos
	e.	
	Total	43,945 nos
C.	Bio-products	
1	Bio-fertilizers (qt)- (1)Azolla	2 qtl
2	(2) Vermicompost	150 qtl
3	(3) Vermiwash	120 ltr
	Total (excluding bio-pesticides)	272
D.	Livestock	
1.	Livestock strains (Nos. in lakh)	
2.	Fingerlings (Nos. in lakh)	
	Total (Nos. in lakh)	

18. Production of seeds, planting materials and bio-products

19. Production and Revenue generation by KVK from different sources

a. Seed production

Sl. No.	Crop	Production and revenue generation	
		Production (q)	Revenue (lakh)
A.	Cereal		
	1. Rice		
	2. Wheat		
	3. Maize		
	4. Others (Pl. Specify)		
B.	Oilseeds		
	1. Mustard	-	
	2. Toria		

	3. Linseed		
	4. Soyabean		
	5. Sesame (Til)		
	6. Ground nut		
	7. Others (Pl. Specify)		
C.	Pulses		
	1. Greengram		
	2. Redgram		
	3. Blackgram		
	4. Chickpea		
	5. Soyabean		
	6. Lentil		
	7. Cowpea		
	8. Others (Pl. Specify)		
D.	Vegetables		
	1. Cabbage		
	2. Cauliflower		
	3. Brinjal		
	4. Potato		
	5. Others		
E.	Spices/ Condiments		
	1. Turmeric		
	2. Ginger		
	3. Chilli		
	4. Black pepper		
	5. Cardamon		
	6. Any other (Pl. specify)		
F.	Mushroom (oyster)		
	Total		

b. Planting Materials/ Seedlings produced

Sl. No.	Planting materials	Production and revenue generation	
		Production (No.)	Revenue (lakh)
A.	Vegetables		
B.	Fruits		
	1. Artocarpus heterophyllus	4000	40,000.00
	2.		
	3.		
	4.		
C.	Ornamental plants/ trees		
	1.		
	2.		
	3.		
D.	Tree species		
	1. Drum stick	6,000	60,000
	2.		

	3.		
E.	Flowers		
	1.		
	2.		
	3.		
F.	Others (Pl. Specify)		
	1.		
	2.		
	3.		
	Total	10,000	1,00,000.00

c. Livestock strains/ Fingerlings produced

Sl. No.	Planting materials	Production and revenue generation	
		Production (No.)	Revenue (lakh)
A.	Livestock strains (nos. in lakh)		
	1.		
	2.		
	3.		
B.	Poultry		
	1.		
	2.		
	3.		
C.	Duckery		
	1.		
	2.		
	3.		
D.	Fisheries/ Fingerlings (nos. in lakh)		
	1. IMC & Exotic Spawn		
	2. IMC & Exotic fry		
	3. IMC & Exotic fingerling		
E.	Others (Pl. Specify)		
	1. Piglets		
	2.		
	3.		
	Total		

20. Scientific Advisory Committee (SAC) of KVK

Sl. No.	KVK	SAC conducted (Yes/ No)	Date (if yes)	If no, why?
1	KVK Champhai District	Yes	21 st January 2022	-

21. Status of Revolving Fund (RF) of KVK (in lakh)

Sl. No.	Activities under RF	Opening balance as on 1 st April, 2021	Income during the year	Expenditure during the year	Income to be generated	Net balance in KVK as on 31 st March, 2022
1	Vermicompost	224396	10352	90000	Vermicompost	234748
	Total	224396	10352	90000	Vermicompost	234748

22. Details of Cultivable land, land not in use and revenue generation by KVK

Sl. No.	KVK total area (ha)	Cultivable land area available with the KVK(ha)	Cultivable land area of KVK not in use (ha)	Revenue generated from cultivated KVK land (Rs) (1)	Revenue generated from other sources (Rs) other than cultivated KVK land (2)	Total (1+2)
1	12.774	8.464	4.464	5630	9710	15340
Total	12.774	8.464	4.464	5630	9710	15340

23. Achievement of Rain Water Harvesting Structure

Sl. No.	No. of Training programme	No. of demonstration	No. of planting materials produced	Visit by farmers	Visit by KVK staff
1	1	2	1245	7	12
	1	2	1245	7	12

24. Achievement of Portable Carp Hatchery in KVKs

Sl. No.	Activity	Fish Species (Name)	Training conducted (No.)	Farmer Beneficiary (No.)	Demonstration (No.)	Farmer Beneficiary (No.)	Village covered (No.)	Fingerlings (No.)	
								Produced	Distributed
1.									
2.									
3.									
	Total								

25. Status of Soil & Water Testing Labs/ Soil Health Cards (SHCs) in KVKs

Sl. No.	Samples tested/ Analysed	Nos.	Farmer beneficiaries	Village covered	Amount realised (Rs.)	SHCs issued to farmers (Nos.)
1.	Soil sample	370	521	14	-	370
2.	Water sample					
3.	Plant sample					
	Total	370	521	14	-	370

26. Soil testing

Sl. No.	Soil sample (No.)	Soil testing through			
		Mridaparikshak	Soil testing Kit	From KVK lab/ any other lab (pl. specify the name)	Total
1	370	170	-	200	370

27. Mobile Advisory Services rendered by KVK

Message type	Crop		Livestock		Weather		Marketing		Awareness		Other Enterprise		Total	
	M	B	M	B	M	B	M	B	M	B	M	B	M	B
Text only	100	34	-	-	6	-	9	-	14	14	-	-	120	48
Voice only	150	56	-	-	10	-	-	-	21	21	-	-	181	58
Voice and Text both	76	29	-	-	20	-	-	-	-	-	-	-	96	29
Total	326	119	-	-	36	-	9	-	35	35	-	-	397	135

Note: M-No. of Message, B-No. of Beneficiaries

28. List special programmes undertaken by the KVK, which have been financed/ sponsored by State Govt./ICAR/ Other Agencies

Sl. No.	Name of special program	Major Activity	Duration and Date	No. of participants	Special Dignitary (pl. mention the name if any)	Funding agency/ Sponsoring orgn.	Amount (Rs.) received
1	Poshan Abhiyan and Tree Plantation under IFFCO, Guwahati	1)Seed packets distributed to farmers	17/09/2021	17	Deputy Commissioner CC.Lalchhuang kima, Khawzawl District	ICAR-ATARI, Zone VII	7000.00

2	TSP Network Project	Awareness	16/02/2022	21	VCP Kawnzar, Khawzawl	ICAR-ATARI, Zone VII	10,000.00
3	Capacity Building of Farmers through Training Programme on Profitable Dairy Farming & Livestock Management	Care and management of layer Poultry farm with emphasis on vaccination, breed selection and feeding schedules	23-25/02/2022	41	Phillip Lawmsangzuala, Vety Officer, Khawzawl	ICAR-ATARI, Zone VII	2,00,000.00
4	Swachhta Action Plan	Awareness Campaign, Cleanliness drive		15	MHIP President, Vengthar	ICAR-ATARI, Zone VII	41,400.00
5	Cluster Frontline Demonstration of Pulses under NFSM	Demonstration, Field and Exposure visit	September-2021	25		ICAR-ATARI, Zone VII	38,850.00
6	Orientation Training Programme and Farmer Field School	Training, Field Visit, Farmers Field School	7-11/02/2022	41	Block Development Officer, Khawzawl District	Directorate of Agriculture, Mizoram	2,05,500.00
7	Farmers outreach Programme on Natural Farming	Awareness and Training	2.08.2021	15	SDO(Sadar), Khawzawl District	ICAR-ATARI, Zone VII	14,104.31
8	Skill Training for Rural Youth	Training	26.01.2021 & 28.04.2021	15&15	Senior Scientist & Head, KVK Khawzawl, Champhai District	MAME TI	84,000/-

29. Cluster FLD (CFLD) on Oilseeds under MNOOP

Crop	Variety	No. of Farmers/ Demonstrations	Area (ha)	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. B:C Ratio
				Demo	Check		Demo	Check	
Groundnut									
Sunflower									
Linseed									
Mustard									
Rapeseed									
Sesamum									
Soybean									
Toria									
Total									

30. Cluster FLD (CFLD) on Pulses under NFSM

Crop	Variety	No. of Farmers / Demos	Area (ha)	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. B:C Ratio
				Demo	Check		Demo	Check	
Arhar									
Black gram									
Cowpea									
Field Pea									
French Beans									
Green gram									
Peas	Pusa Pragati	22	10	9.20	6.85	34.30	25800	23680	2.35
Rajmah									
Rice bean									
Lentil									
Any other (Pl. specify)									
Total	Pusa Pragati	22	10	9.20	6.85	34.30	25800	23680	2.35

31. Natural Farming

No. of demonstrations conducted	SC/ST			Others			No. Trainings	SC/ST			Others			No. of Awareness Programs	SC/ST			Others		
	M	F	T	M	F	T		M	F	T	M	F	T		M	F	T	M	F	T
2	4	3	7	-	-	-	2	32	17	49	-	-	-	1	19	15	34	-	-	-

32. Literature Developed/Published (with full title, author & reference)

Item	Title /and Name of Journal	Authors name	Number of copies (where applicable)
1.	Package and Practices of Tomato variety Arka Abhed	Dr.Malsawmkimi	200
2.	Mushroom Cultivation	F.Zoramthari	150
3.	Vermicompost	R.Vanlalduati	120
4.	Nutrient Enriched Compost	R.Vanlalduati	50
5.	Rural Composting (Indore method)	R.Vanlalduati	50
6.	Package and Practices of Potato	Dr.Om Prakash	120
7.	Package and Practices of Moringa	Dr.Om Prakash	80
8.	Package and Practices of Cabbage	Dr.Malsawmkimi	90
TOTAL			860

33. Gender Issues for technological empowerment of farm women in agriculture during the period

(Highlight brief activities undertaken towards gender empowerment by your KVK with action photographs).

SI No.	Activities	Village covered	Number of participant
1	Mushroom production	Khawzawl	10
2	Baking, food processing and preservation	Khawzwl	100
3	Pickle making to SHGs	Khawzawl	130
4	Processing of Amla	Sialhawk	5
5	Food and nutrition for farmers	Khawzawl	40
6	Processing of Tomato	Tualte	25
7	International women's day	Khawzawl	60
8	Post harvest management of fruits	Khawzawl	55
Total			425



34. Awards and recognitions received by your KVK

Sl. No.	Name of Award/ recognition/ fellowship	Professional Society/ Govt./ ICAR/ Any other agency (pl. specify)	Value of award (Rs. In lakh)	Salient Contribution/ achievement
1	Khawzawl Town Cleanliness Competition	Govt.	3,000/-	1 st Position

35. Awards and recognitions received by farmers of your KVK

Sl. No.	Name of Award/ recognition/ fellowship	Professional Society/ Govt./ ICAR/ Any other agency (pl. specify)	Value of award (Rs. In lakh)	Salient Contribution/ achievement
1	Progressive Farmer	KVK Champhai District & ATMA	2,000/-	1. Amla Hair Oil 2. Amla Candy 3. Amla Juice
2	Best implementing KVK under CFLD Pulses.	ICAR - ATARI, Umiam	Certificate	For popularization of Field Pea in Champhai District
3	Progressive Farmer	KVK Champhai District & ATMA	2,000/-	For year round production of different crops.

36. Success stories/Case studies, if any (two- or three-pages write-up on each case with suitable action photographs during the period

SUCCESS STORY OF HAWILO SHG ON VERMICOMPOSTING

Introduction

Hawilo Self Help Group is one of the SHG formed under NABARD in the year 2019 which comprises 12 members from Ruantlang Village, Champhai District. They started doing monthly contribution from each member @ Rs 100 per month. Their main aim is to encourage self-employment and enhance the member's financial security. They opened joint account under Farming Cooperative Society Bank Ruantlang and depositing contribution from each member every month.

KVK Intervention

Krishi Vigyan Kendra, Champhai District organised hands on training on Vermicomposting under the sponsorship of NABARD for SHGs which was formed under NABARD. Hawilo SHG first came to know about vermicomposting while attending the training. This training had aroused an interest in them to take up Vermicomposting. Initially they had started Vermicomposting with four Vermibed provided by KVK. Each bed was 12x3 feet size in which cow dung, agricultural waste and earthworm were used. They started selling both the earthworms and vermicompost from 2019 @ Rs 300/kg and Rs 30/kg respectively. In the year 2020, KVK had given more number of Vermibed and they started looking out for more crop residues and agricultural wastes. In the month of November 2021, they started to make Vermiwash with the help of Krishi Vigyan Kendra, Champhai District to earn more income.

Impact/Outcome

They are satisfied with the Vermicompost technology because they are not only securing their livelihood but also sets an example for coming generation as well as for farmers' community of Ruantlang Village. They had already inspired many farmers in and around the village to try out alternative farming practices in general and take up Vermicomposting in particular. Within a short period of time they had achieved marvelous success in Vermicomposting. Because of the growing demand and acceptance of Vermicompost in farming community, Vermicomposting has become quite popular and profitable enterprise.

Achievements

1. The group has continued this activity to generate employment for themselves. They have already sold around 10-13 tonnes of Vermicompost costing Rs 30/Kg.
2. Village Council of Ruantlang had given land and constructed compost pit for Hawilo SHG under MNREGS.
3. They bought secondhand Mahindra by they own income to make easier their works for collecting agricultural wastes and cow dung etc.



37. Functional linkage of the KVK with different organizations established

Name of organization/ Agency	Activities/ programmes	Nature of linkage
State Department of Agriculture/Horticulture/ AH&VETY/ Fishery/ Forestry/ Soil & Water Conservation/ Minor Irrigation/ Sericulture of Champhai District.	Training, Demonstration, Technical Support, Seed Supply , Joint visit etc	Implementation of RKVY, NFSM, supply of subsidized inputs like chemicals, farm machinery, Project, Training, Technical Advices, etc
NABARD	Field Visit, Financial Support, Trials and Demonstration	Implementation of Project and Trainings
ATMA	Training, Demonstration, Technical Support etc	Training and technical advice as Resource person
NGOs AMFU, YMA etc	Training, Demonstration, Technical Support, Seed Supply etc	Technology transfer, Awareness programme, Celebration of important days
IFAD FOCUS(Fostering Climate Resilient Upland	Training,	Training and technical advice as

Farming System)	Demonstration, Technical Support etc	Resource person
Deputy Commissioner of Champhai District * Khawzawl District	Combined relevant activities	Active participation & collaboration of various activities and meetings in implementation of programme development

NB:

- The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other.
 - Each KVK has to send 4-5 nos. of good quality action photographs in JPEG during submission of the format.
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