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

1. KVK: Kohima Nagaland

2. STAFF POSITION

Category	Staff			TOTAL		
	Sanctioned	Filled	Vacant	Sanctioned	Filled	Vacant
Head (01)	1	1	0	1	1	0
SMS (06)	6	6	0	6	6	0
Prog. Assistant (02)	2	2	0	2	2	0
Farm Manager (01)	1	1	0	1	1	0
Asst. Superintendent (01)	1	1	0	1	1	0
Stenography (01)	1	1	0	1	1	0
Supporting staff (02)	2	2	0	2	2	0
Driver (02)	2	2	0	2	2	0
Total (16)	**16**	**16**	0	**16**	**16**	0

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	**99**	**30**	**86**	**86.84**

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	3	8	7	8
2	Integrated Nutrient Management/ Soil health management	2	6	4	6
3	Integrated Crop Management				
4	Integrated Pest Management	3	9	8	9
5	Integrated Disease Management	1	3	3	3
6	Weed Management				
7	Water management	1	3	3	3
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)	1	3	3	3
15	Mushroom cultivation				
16	Marketing				
17	ICT				
18	Any other (Pl. specify)				
	Total				
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	2	6	5	6
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	Average Yield (q/ha)		% Increase (Av.) over Check	Average Cost of cultivation (Rs./ha)		Av. B:C Ratio
			(ha)	Demo	Check		Demo	Check	
Groundnut									
Sunflower									
Linseed									
Mustard									
Rapeseed									
Sesamum									
Soybean	VL-77	10	5 ha	9.45	7.24	30.52	22800	25000	2.32
Toria	TS-38	10	5 ha	5.54	4.32	28.24	9000	9000	1.87
Total									

6. Frontline Demonstration on Pulse Crops

Crop	Variety	No. of Farmers/ Demons	Area	Average Yield (q/ha)		% Increase	Average Cost of cultivation (Rs./ha)		Av. B:C Ratio
			(ha)	Demo	Check	(Av.)	Demo	Check	
Arhar									
Black gram									
Cowpea									
Field Pea									
French Beans									
Green gram									
Peas	Pusa pragati	6	1.5	50	37	25	16,100 /-	13,500/ -	2.01
Rajmah									
Rice bean									
Lentil									
Any other (Pl. specify)									
Total									

7. Frontline Demonstration on Other Crops

Crop	Variety	No. of Farmers/ Demos	Area	Average Yield (q/ha)		% Increase	Av. Cost of cultivation (Rs./ha)		Av. B:C Ratio
			(ha)	Demo	Check		Demo	Check	
A. Cereals									
Paddy	Abhishek (Green manuring)	4	1	23.4	20.3	13.0	47,800/-	35,000/ -	1.43
	SARS-5 (IPM)	2	25	20	25	2	37,000/-	32,000/ -	2.03
	Abhishek (IPM)	4	1	26.5	23	15.21	38,000/-	34,000/ -	1.9
Wheat									
Maize (Kharif, Rabi, Summer)	HQPM-5 (IPM)	4	2	24.5	18	36.11	35,000/-	30,000/ -	1.75
Cropping system (Intercropping maize+greengram)									
Total									
B. Vegetables									
Brinjal									
Bottle Gourd									
Bitter Gourd									
Pointed gourd									
French Bean									
Pumpkin									
Potato									
Sweet Potato									
Tapioca									
Cabbage									
Cauliflower									
Carrot									

Tomato									
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									
Water melon									
Peach									
Straw berry									
Plum									
Guava									
Litchi									
Passion fruit									
Kiwi fruit									
Any other (Pl. specify)									
Total									
Grand Total (A+B+C+D)									

8. Frontline Demonstration on Livestock

Enterprise	Name of Breed/ Species	No. of farmers/ Demons	No. of animals, poultry birds etc.	Performance parameters / indicators	% change in the parameter
Dairying					
Poultry	Vanaraja	12	300	Initial weight (gm):37.58 Final weight at 210 days (gm):2731 Average daily gain (gms):12.83 Age of Sexual maturity: 196 Mortality (%):7	93.33 (Body weight)
Goatery					
Duckery (Feeding					

Management)					
Piggery					
Rabbitary	Soviet Chinchila	10	5	Initial weight (gm):440 Final weight at 210 days (gm):1870 Average daily gain (gms):23.83 Mortality (%):Nil Age of Sexual maturity (Days):198 Litter size(Nos.): **6**	31.41 (Body weight)
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	4	4	Yield:360kgs /unit /year	-
Nutritional Garden				
Polyhouse				
Vegetable Nursery				
Flower Nursery				
Value Addition Spices (Ginger,Turmeric etc.)	40	4	Hedonic Scale:9 Fresh ginger 1kg =Rs.100/- After value addition (1kg)= Rs.500/- (10 packets of 100gms)	6 months (Shelf life)
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				

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. 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

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	4(Courses:9)	9			9	62				71
2.	Horticulture										
	a.Vegetable crops	4(Courses:8)	11			11	68			68	79
	b. Fruits	1(Courses:2)	18			18	2			2	20
	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	7 (Courses:14)	57			57	108			108	165
4.	Livestock Production and management										
	a. Dairy										
	b. Piggery	5(courses:10)	60			60	43			43	103
	c. Poultry	2(courses:4)	22			22	23			23	45
	d. Duckery										
	e. Rabbitry	3(courses:6)	20			20	40			40	60
5.	Fisheries										
6.	Home science/Women empowerment										
7.	Agri. Engineering										
8.	IPM	6(courses:12)	68			68	99			99	167
9.	IDM	1 (Courses:2)	0			0	20			20	20
10	ICM										
11.	IFS										
12.	Production of seeds/ planting materials										
13.	Capacity Building and Group Dynamics										
14.	Agro forestry										
15.	Post harvest Technology										
16.	Resource Conservation Technology	1 (Courses:2)	0			0	15			15	15
17.	Organic farming	1 (Courses:2)	10			10	10			10	20
18.	Value addition	1 (Courses:2)	0			0	15			15	15
19.	Integrated Water management										
20.	Mushroom cultivation	5(Courses:10)	34			34	90			90	124
21.	Bee keeping	1 (Courses:2)	0			0	20			20	20
22.	Sericulture										
23.	Any other (Pl. specify)Vermicomposting	1 (Courses:2)	15			15	5			5	20
	Total	**43(Courses:86)**	**334**			**334**	**560**			**560**	**890**

13. Training programmes for Rural Youth (RY)

Sl. No.	**Thematic area**	**No. of Trainings (Courses)**	**No. of participants**								
			Male				**Female**				
			SC/ST	**OBC**	**Gen**	**Total**	**SC/ST**	**OBC**	**Gen**	**Total**	**G. Total**

1.	Crop production										
2.	Horticulture										
	b. Vegetable crops										
	b. Fruits	1 (Courses:19)	4			4	11			11	15
	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(courses:2)	10			10	10			10	20
4.	Livestock Production and management										
	f. Dairy										
	g. Piggery	1(courses:2)	10			10	10			10	20
	h. Poultry										
	i. Duckery										
	j. 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										
13.	Capacity Building and Group Dynamics										
14											
14.	Agro forestry										
15.	Post harvest Technology										
16.	Resource Conservation Technology										
17.	Value addition	1(Courses:2)	5			5	12			12	17
18.	Organic farming	1 (Courses:17)	11			11	4			4	15
19.	Integrated Water management										
20.	Mushroom cultivation	1(Courses:2)	10			10	10			10	20
21.	Bee keeping										
22.	Sericulture										
23.	Any other (Pl. specify)Floriculturre	1(Courses:2)	10			10	10			10	20

	Total	**7(Courses:43)**	**60**			**60**	**67**			**67**	**127**

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											
Other											
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											
Production of bio-agents, bio-pesticides,											
Bio-fertilizers etc.											
Repair and maintenance of farm machinery &implements											
Rural Crafts											
Seed production											
Sericulture											
Mushroom cultivation											
Nursery, grafting etc.											

Tailoring, stitching, embroidery, dying etc.											
Agril. Paraworkers, paravet training											
Compost making											
Total											
e. Agricultural Extension											
Capacity building and group dynamics											
Marketing of Agri Produces											
FPO formation											
Other											
Total											
Grand Total											

15. Training programmes for Extension Personnel (EP)

Sl. No.	Thematic area	No. of Trainings (Courses)	No. of participants								
			Male				Female				
			SC/ST	OBC	Gen	Total	SC/ST	OBC	Gen	Total	G. 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	1(Courses: 2)	10			10	5			5	15
9.	IDM										
10	ICM										
11.	IFS										

12.	Production of seeds/ planting materials										
13.	Capacity Building and Group Dynamics										
14.	Agro forestry										
15.	Post harvest Technology										
16.	Resource Conservation Technology										
17.	Value addition										
18.	Organic farming										
19.	Integrated Water management										
20.	Mushroom cultivation										
21.	Bee keeping										
22.	Sericulture										
23.	Any other (Pl. specify)										
	Total	1(Courses: 2)	10			10	5			5	15

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	1(Courses:17)	11			11	4			4	15
Commercial production of vegetables										
Production and value addition										
Fruit Plants	1(Courses:19)	4			4	11			11	15
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Other-Microbial inoculants in vegetable crops										
Total	2 (Courses:36)	15			15	15			15	30

b. Post harvest technology and value addition										
Processing and value addition										
Other										
Total										
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										
Economic empowerment of women										
Drudgery reduction of women										
Other										
Total										
f. Agricultural Extension										
Capacity Building and Group Dynamics										
Other										
Total										
Grand Total	2 (Courses:36)	15			15	15			15	30

17. Summary of Extension Activities organized by KVK

Sl. No.	Extension Activity	No. Of programme	No. of participants								
			Male				Female				
			SC/ST	OBC	Gen	Total	SC/ST	OBC	Gen	Total	G. Total
A.	**Extension Activities**										
1	Diagnostic visits	96	227			227	166			166	393
2	Advisory Services	164	492			492	332			332	824
3	Animal Health Camp										

4	Plant health camp										
5	Training/ practical manual										
6	Celebration of important days	3	85			85	75			75	160
7	Exhibition										
8	Exposure visits										
9	Farm Science Club Conveners meet										
10	Farmers Seminar/ workshop										
11	Farmers Visit to KVK	21	203			203	197			197	400
12	Field Day	3	15			15	110			110	125
13	Group meetings/ Discussion	22	29			29	202			202	231
14.	Awareness Camp										
15.	Kisan Gosthi										
16.	Kisan Mela										
17.	Mahila Mandal Conveners' meetings										
18.	Method Demonstrations	14	67			67	109			109	176
19.	Scientists visit to farmers field	43	180			180	168			168	348
20	Self Help Group Conveners meetings										
21.	Soil health/ testing Campaigns										
22.	Film show	25	320			320	430			430	750
23.	Any other (Pl. Specify) i.) Scientist farmers interaction	2	40			40	30			30	70
	ii)Technology showcasing	2	21			21	25			25	46
	Total	**395**	**1679**			**1679**	**1844**			**1844**	**3523**
B.	**Other Extension Activities**										
1.	News paper coverage	7									
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										
10.	Technical bulletins										
11.	Lecture delivered as resource person	19	176			176	154			154	330
12	Mobile app introduced										
13	Whatsapp Group for Farmers/Entrepreneurs formed										
12.	Leaflets/folders	1	100			100	100			100	200
13.	Any other (Pl. Specify)										
	Total	**27**	**276**			**276**	**254**			**254**	**530**
	Grand Total (A+B)	**422**	**1955**			**1955**	**2098**			**2098**	**4053**

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

Sl. No.	Major group/ Class	Quantity
A.	**Seeds (qt)**	
1	Cereals	243
2	Oilseeds	47
3	Pulses	
4	Vegetables	
5	Spice	
6	Any Other (Pl. specify)	
	i.	
	ii.	
	Total (in Qt)	**290qt**
B.	**Planting materials (in Nos.)**	
1	Fruits	1410
2	Plantation crops	300
3	Vegetables	2000
4.	Flowers/ cuttings	1500
5	Any Other (Pl. specify)	
	i.	
	ii.	
	Total	**5210Nos.**
C.	**Bio-products**	
1	Bio-fertilizers (qt)	1
2	Bio-agents (qt)	
3	Bio-pesticides (ltr)	
	Total (excluding bio-pesticides)	**1 qt**
D.	**Livestock**	
1.	Livestock strains (Nos. in lakh)	0.0035
2.	Fingerlings (Nos. in lakh)	0.05
	Total (Nos. in lakh)	**0.0535**

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	200	4
	2. Wheat		
	3. Maize	43	0.86
	4. Others (Pl. Specify)		
B.	**Oilseeds**		
	1. Mustard		
	2. Toria		
	3. Linseed		
	4. Soyabean	47	2.82
	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 Tree beans)		
F.	Mushroom (oyster)	0.54	0.06
	Total	**290.54**	**7.74**

b. Planting Materials/ Seedlings produced

Sl. No.	Planting materials	Production and revenue generation	
		Production (No.)	**Revenue (lakh)**
A.	**Vegetables**		
	1.Cabbage	1000	0.02
	2.Broccoli	1000	0.03
	3.Tree bean	300	0.06
B.	**Fruits**		
	1.Litchi	1000	1.5
	2.Cherry	200	0.04
	3.Banana	150	0.144
	4.Papaya	60	0.048
C.	**Ornamental plants/ trees**		
	1.		
	2.		
	3.		
D.	**Tree species**		
	1.		
	2.		
	3.		
E.	**Flowers**		
	1. Gerbera	1500	0.45
	2.		
	3.		
F.	**Others (Pl. Specify)**		
	1.		
	2.		
	3.		
	Total	**5210**	**2.3**

c. Livestock strains/ Fingerlings produced

Sl. No.	Planting materials	Production and revenue generation	
		Production (No.)	Revenue (lakh)
A.	**Livestock strains (nos. in lakh)**		
	1. Rabbit	50	0.175
	2.		
	3.		
B.	**Poultry**		
	1. Vanaraja	300	0.21
	2.		
	3.		
C.	**Duckery**		
	1.		
	2.		
	3.		
D.	**Fisheries/ Fingerlings (nos. in lakh)**		
	1. IMC & Exotic Spawn	5000	0.07
	2. IMC & Exotic fry		
	3. IMC & Exotic fingerling		
E.	**Others (Pl. Specify)**		
	1. Piglets		
	2.		
	3.		
	Total	**5350**	**0.455**

20. Scientific Advisory Committee (SAC) of KVK

Sl. No.	KVK	SAC conducted (Yes/ No)	Date (if yes)	If no, why?
1	Kohima	Yes	20.01.2022	

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

Sl. No.	Activities under RF	Opening balance as on 1st April, 2021	Income during the year	Expenditure during the year	Income to be generated	Net balance in KVK as on 31st March, 2022
1	Production of vegetables, seeds, planting materials, etc.	59742	64309	0.00	30000	124051
	Total	**59742**	**64309**	**0.00**	**30000**	**124051**

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

Sl. No.	KVK total area (ha)	Cultivable land area available	Cultivable land area of KVK	Revenue generated from	Revenue generated from other sources	Total (1+2)

		with the KVK(ha)	not in use (ha)	cultivated KVK land (Rs) (1)	(Rs) other than cultivated KVK land (2)	
1	25.85	7.5	18.35	64309	0.00	64309
Total	**25.85**	**7.5**	**18.35**	**64309**	**0.00**	**64309**

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
	2	-	-	38	9

24. Achievement of Portable Carp Hatchery in KVKs

Sl. No.	Activity	Fish Species (Name)	Training conducted (No.)	Farmer Beneficiary (No.)	Demon (No.)	Farmer Beneficiary (No.)	Village covered (No.)	Fingerlings (No.)	
								Produced	Distributed
1.	NA	NA	NA	NA	NA	NA	NA	NA	**NA**
	Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

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	47	282	7	-	**282**
2.	Water sample	-	-	-	-	-
3.	Plant sample	-	-	-	-	-
	Total	**47**	**282**	**7**	**-**	**282**

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	**47**	**47**	**-**	**-**	**47**

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	**44**	**1260**	**40**	**1150**	**9**	**220**	**7**	**190**	**30**	**735**	**33**	**855**	**163**	**4410**
Voice only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Voice	-	-	-	-	-	-	-	-	-	-	-	-	-	-

and Text both														
Total	**44**	**1260**	**40**	**1150**	**9**	**220**	**7**	**190**	**30**	**735**	**33**	**855**	**163**	**4410**

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 partici pants	Special Dignitary (pl. mention the name if any)	Funding agency/ Sponsoring orgn.	Amount (Rs.) received
1	Jal shakti Abhiyan	Low cost water harvesting	Jan-March '21	54	-	-	-
2	Swachhta Campaign	Training, social work , tree plantation, seminar	2 – 31 Oct '21	210	-	-	-
3	Swachhta Pakhwada	Cleaning of compound ,Public area, composting of waste, etc	16th -31st Dec'21	134	-	-	-
4	World Soil Health Day	Importance of soil	5th Dec '21.	28	-	-	-

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	VL-77	32	10	8.66	6.02	43.8	22500	30000	2.22
Toria									
Total		**32**	**10**	**8.66**	**6.02**	**43.8**	**22500**	**30000**	**2.22**

30. Cluster FLD (CFLD) on Pulses under NFSM

Crop	Variety	No. of Farmers / Demons	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	Aman	27	10	8.63	6.72	28.4	14500	16000	2.51
French Beans									
Green gram									
Peas									
Rajmah									
Rice bean									
Lentil									
Any other (Pl. specify)									
Total		**27**	**10**	**8.63**	**6.72**	**28.4**	**14500**	**16000**	**2.51**

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
6	**11**	**16**	**27**	**-**	**-**	**-**	**3**	**15**	**32**	**47**	**-**	**-**	**-**	**2**	**8**	**21**	**29**	**-**	**-**	**-**

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

Item	Title /and Name of Journal	Authors name	Number of copies (where applicable)
1.	**Empowerment of Farmers and Self-help Group Through Income Generating Activities in Kohima District Nagaland. *Research Journal of Agricultural Sciences An International Journal* 12(05): 1630-1631**	**Dr. Sesenlo Kath and Dr. Ruokuovilie Mezhatsu (2021).**	-
2.	Impact of Climate Change in Agriculture in North East India- An Analysis of Farmers Awareness and Knowledge. International Journal of All Research Education and Scientific Methods 9(12) : 537-576	Dr. Sesenlo Kath and Dr. K. Kanagasabapathi (2021).	-
3.	Effect of feeding Palm Oil Sludge as Partial Replacement of Maize in Growing- Finishing Pigs on the Growth Performance, Nutrient Digestibility and Blood Profiles. Journal of Oil Palm Research 19(2): 229-240	Dr. Temjennunsang Jamir and A.K. Samantha *et al.* (2021).	-
4.	Comparative study on Agriculture sustainability versus Conventional Agricultural Research and Extension. *Akinik Publication, New Delhi* In: Research Trends in Agricultural Sciences, Vol- 27 Pp: 93-103	Dr. Sesenlo Kath and Dr. Ruokuovilie Mezhatsu (2021).	-
5.	Establishing Scientific Based Procedures and Techniques for Promoting Climate- Smart Agriculture Management. *Akinik Publication, New Delhi* In: Climate Change and Agriculture, Vol- 3 Pp: 149-158	Dr. Sesenlo Kath , Dr. K. Kanagasabapathi and Dr. V. Sakthivel (2020).	-
6.	Backyard Rabbit Farming	Temjennunsang	200
TOTAL	**6**		**200**

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).

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	Dr.M.S. Rahal Award for Best Research Paper Published in ANFT	Animal Nutrition Association	0.1	Effect of feeding Palm Oil Sludge as Partial Replacement of Maize in Growing- Finishing Pigs on the Growth Performance, Nutrient Digestibility and Blood Profiles

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
	-	-	-	-

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

No.1 Success Story on Backyard Rabbit Farming

Introduction

Smt. Thenurovino is a graduate and progressive farmer of Khonoma village under Kohima district. She rears pig, poultry and cultivates various seasonal crops but without much remuneration as the germplasm is poor and she was also not aware of various farmings which could provide her employment and provide a source of income for livelihood.

KVK Intervention

KVK Kohima has been regularly conducting trainings and various extension activities at Khonoma village. She happened to be a beneficiary in one of the training on rabbit farming and expressed her interest in Rabbit farming. So, the office conducted a Frontline Demonstration on Broiler rabbit farming and she was also selected as one of the beneficiary. During the demonstration, bunnies and cages were provided to all the farmers as a part of the programme and timely monitoring was done till the end of the programme.

Result

The outcome was assessed for one year and the results on various parameters are given in the table below.

Parameter	Demonstration	Local Check
Initial weight (gm)	440	410
Final weight at 100 days (gm)	1870	1423
Average daily gain (gms)	23.83	16.88
Litter size	6	6
Age of Sexual maturity (days)	196	192

Backyard rabbit farming was found to be very encouraging. During this period, she sold 220 nos. of bunnies (@Rs.350/- per bunny) with a gross income of Rs.77000/- . Excluding the initial investment on the housing and equipments, she could get a net profit of about Rs.70,000/- .

Impact

More farmers have started rearing rabbit in their village as the investment and management is less as compared to the other livestock farming. She continues to inspire and encourage fellow villager to adopt modern farming techniques for income and self employment.

No.2 Success Story on INM in French bean

Background

Smt. Ninseli N Teso aged 46yrs is a progressive farmer with many years of experience in cultivating various local vegetables. She hails from New Tesophenyu village under Tseminyu block which is about 55Kms from the district headquarter.

KVK Intervention

In 2021, KVK Kohima conducted a trail on integrated nutrient management in French bean at new Tesophenyu village. During one of the field visit, the KVK scientist came in contact with Smt Ninseli and she enquired what crop will be suitable in her plot the during lean season. After analysing the soil, the scientist decided to cultivate French bean with application of NPK as to ameliorate the nutrient deficiency of the soil. She was provided with seeds and fertilizers and time to time monitoring was carried out till the end of the trial. From an acre of land, she could get an harvest of 16.25 qtl with a net profit of Rs.40,000/- in a short span of time. With this trial, She is very convinced, confident and looking forward of trying new crops which will have potential in her village.

Impact

With this intervention, farmers in her village have started using NPK and biofertilizers in the crops for better harvest. Smt. Ninseli is very happy to generate additional income from this programme and she hopes to utilize for expanding the farming activities.

37.Functional linkage of the KVK with different organizations established

Name of organization/ Agency	Activities/ programmes	Nature of linkage
1.State Agricultural Research Station (SARS)	Trainings and demonstrations	Technology Exchange
2.Directorate of Agriculture	Trainings and demonstrations	Host institute
3.Agriculture and allied departments	Trainings and demonstrations	Resource person
4.ICAR, Jharnapani	Trainings and demonstrations	Technology exchange
5.NRCM, Jharnapani	Trainings and demonstrations	Technology exchange
6. NABARD, Dimapur	Farmers club, SHGs, training etc	Financial linkage
7. ICAR, Barapani Meghalaya	Trainings and demonstrations	Technology exchange
8.Central Institute of Horticulture, Medziphema	Trainings and demonstrations	Technology Exchange
9.ATMA, Kohima	Trainings and demonstrations	Technology exchange

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.

Sd/-
(**Ruokuovilie Mezhatsu**)
Senior Scientist & Head
KVK Kohima