

ANNUAL ACTION PLAN 2012-13

KVK Mokokchung Nagaland
Mandated activities (Abstract)
Discipline: Agronomy

Activities	Thematic Area	Crop/ cropping System	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Varietal performance	Rice (Disang)		3	0.5			
		Toria (TS-67 &46)		6	0.5			
	Integrated Weed Mgmt							
	Integrated Nutrient Mgt							
	Water Mgmt							
	Tillage Mgmt/Farm Machinery							
	Any other (Please specify) 1. Managing soil acidity with lime application after soil test 2. Paddy with Azolla application							

Activities	Thematic Area	Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Varietal performance	Rice	4	1		
		Toria (TS- 38)	8	4		
		Pea (Arkel)	8	4		
		Ricebean (Chakhesang dwarf)	8	4		
	Integrated Weed Mgmt					
	Integrated Nutrient Mgmt					
	Water Mgmt					
	Tillage Mgmt/Farm Machinery					
	Any other (Please specify)					

Training activities (under Agronomy)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	1	25		
	Farmers	8	240		
	Farm women				
	Extension personnel	2	32		
	Civil society	2	50		
	Any other (Pl. specify)	1	20		
Vocational programmes	Rural youth	1	10		
	Farmers	1	10		
	Farm women				
	Extension personnel				
	Civil society				

	NGO				
	Any other (Pl. specify)				
Sponsored programmes	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				

Activity (under Agronomy)	Thematic area	Target		Achievement	
		No. of demonstration	No. of beneficiary	No. of demonstration	No. of beneficiary
Method demonstration	1.		3		
	2.				
	3.				
				
Diagnostic visits	1.		2		
	2.				

SEED PRODUCTION (FIELD CROPS)

Crop	Variety	Quantity (qt)	
		Target	Achievements
Upland Rice	SARS-1	4	
Lowland Rice	SARS-1	15	
Toria	TS-38	2	
Ricebean	Chakhesang dwarf	3	
Pea	Arkel	5	

DISCIPLINE: PLANT BREEDING

Activities	Thematic Area	Crop/ cropping System	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	VE/P	Soyabean (Indrasoya-9, Hilya NRC-1, Indore, JS-8021, Jadavpur)		3	0.5			
	IWM							
	INM							
	WM							
	TM/FM							
	Any other (Soil acidic condn.)							

Activities	Thematic Area	Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)

OFT	Varietal performance	Cabbage (savitri, wonder ball, Drum head), Broccoli (pushpa)		6	0.5			
	Integrated Nutrient Mgmt							
	Integrated Weed Mgmt							
	Orchard Rejuvenation							
	Post harvest							
	Value addition							
	Canopy mgmt.							
	Landscaping							
	Mechanization							
	Any other (Pl. Specify)							

Activities	Thematic Area	Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Varietal performance	Tomato (Megha-1 & 3) Broccoli (Pushpa & KTS-1)	6	1		
	Integrated Nutrient Mgmt					
	Integrated Weed Mgmt					
	Orchard Rejuvenation					
	Post harvest					
	Value addition					
	Canopy mgmt.					
	Landscaping					
	Mechanization					
	Any other (Pl. Specify) Multi storey cropping					

Training activities (under Horticulture)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	2	50		
	Farmers	9	270		
	Farm women				
	Extension personnel	1	15		
	Civil society	4	40		
	Any other (Pl. specify)	1	10		
Vocational programmes	Rural youth				
	Farmers	1	20		
	Farm women				
	Extension personnel				
	Civil society				
	NGO				
Sponsored programmes	Any other (Pl. specify)				
	Rural youth				
	Farmers				

	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				

Activity (under Horticulture)	Thematic area	Target		Achievement	
		No. of demonstration	No. of beneficiary	No. of demonstration	No. of beneficiary
Method demonstration	1.	4	150		
	2.				
	3.				
				
Diagnostic visits	1.	2			
	2.				

PLANTING MATERIALS/ SEED: (VEG/ SPECIES)

Crop/ Trees	Variety	Quantity (No/ qt)	
		Target	Achievements
Tomato	Megha-1 & 3	0.02	
Broccoli	KTS-1	0.05	
Turmeric	Megha T-1	5	

DISCIPLINE: SOIL SCIENCE

Activities	Thematic Area	Crop/ cropping System	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Soil health	Green manuring	1	3	1.9			
	Soil management							
	Soil testing							
	Soil amendment (Lime/ Others)							
	Soil biology (BGA/ Azolla)							
	Soil microbes (beneficial)							
	Others							

Activities	Thematic Area	Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Soil health					
	Soil management					
	Soil testing					
	Soil amendment (Lime/ Others)					
	Soil biology (BGA/ Azolla)					
	Soil microbes (beneficial)					

Others Resource conservation					
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Training activities (under Soil Science)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	1	10		
	Farmers	1	10		
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers	1	10		
	Farm women				
	Extension personnel				
	Civil society				
	NGOs	1	10		
Sponsored programmes	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				

Activity (under Soil Science)	Thematic area	Target		Achievement	
		No. of demonstration	No. of beneficiary	No. of demonstration	No. of beneficiary
Method demonstration	1.Green manuring (Dhancia)	3	0.75		
	2.				
	3.				
				
Diagnostic visits	1.				
	2.				

PRODUCTION OF BIO FERTILIZERS/ VERMICOMPOST ETC

Product	Quantity (qt)	
	Target	Achievements
Vermi composting	4	

DISCIPLINE: PLANT PROTECTION (ENTOMOLOGY/ PLANT PATHOLOGY)

Activities	Thematic Area	Crop/ cropping System	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Integrated Pest Mgmt	Banana (Grand naine)		3	0.5			

	Integrated Disease Mgmt							
	Biological control (Insect/pest/ weeds etc)							
	Product performance (Efficacy)							
	Beneficial insect							
	Beneficial organisms							
	Store grain pest							

Activities	Thematic Area	Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Integrated Pest Mgmt					
	Integrated Disease Mgmt					
	Biological control (Insect/pest/ weeds etc)	Toria (TS-38)	4	2		
	Product performance (Efficacy)					
	Beneficial insect					
	Beneficial organisms	Mushroom	3	2units		
	Store grain pest					

Training activities (under Plant Protection)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	2	40		
	Farmers	6	180		
	Farm women				
	Extension personnel	2	30		
	Civil society	2	20		
	Any other (Pl. specify)				
Vocational programmes	Rural youth	1	10		
	Farmers	1	10		
	Farm women				
	Extension personnel				
	Civil society				
	NGO				
	Any other (Pl. specify)				
Sponsored programmes	Rural youth				

	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				

Activity (under Plant Protection)	Thematic area	Target		Achievement	
		No. of demon./visit	No. of beneficiary	No. of demon./visit	No. of beneficiary
Method demonstration	1.	2	50		
	2.				
	3.				
				
Diagnostic visits	1.	6			
	2.				

PRODUCTION OF BIOGENESIS/ BIOAGENTS:

Product	Quantity (No/ qt)	
	Target	Achievement

DISCIPLINE: ANIMAL HUSBANDRY

Activities	Thematic Area	Livestock/Bird	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)/Unit/Beneficiary	OFT (No.)	Trial (No.)	Area (ha)/Unit/Beneficiary
OFT	Breed introduction	Large black (Pig)		20				
	Breed improvement							
	Feeding management							
	Health and clinic							
	Housing	Poultry		20				
	Processing/ Value addition							
	Fodder quality							
Pasture management								

Activities	Thematic Area	Livestock/Bird	Target		Achievement	
			FLD (No.)	Area (ha.) /Unit/Beneficiary	FLD (No.)	Area (ha.) /Unit/Beneficiary
FLD	Breed introduction	Vanaraja	500 birds			
	Breed improvement					
	Feeding management					
	Health and clinic	Piggery	200			

	Housing					
	Processing/ Value addition					
	Fodder quality					
	Pasture management					

Training activities (under Animal Husbandry)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	8	200		
	Farmers	15	375		
	Farm women				
	Extension personnel	2	50		
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers	1	10		
	Farm women				
	Extension personnel	1	10		
	Civil society				
	NGO				
Sponsored programmes	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				

Activity (under Animal Husbandry)	Thematic area	Target		Achievement	
		No. of demon./visit	No. of beneficiary	No. of demon./visit	No. of beneficiary
Method demonstration	1.		2		
	2.				
	3.				
				
Diagnostic visits	1.		3		
	2.				

PRODUCTION:

Item	Target(No.)	Achievements (No.)
Goatery	8	

DISCIPLINE: HOME SCIENCE

Activities	Thematic Area	Enterprise /Crop/ cropping System/	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)/ Unit/ Beneficiary	OFT (No.)	Trial (No.)	Area (ha)/Unit/ Beneficiary
OFT	Nutritional Gardening		1	3	15			
	Nutritional diet for children/ Pregnant women							
	Energy saving tools/ devices							
	Water harvesting devices including purification		1	3	5			
	Hygienic Sanitation							
	Organic dye introduction/ utilization							
	Utilization of waste materials (Bio-degraded/ non-degraded)							
	Storage techniques (grains/ fruits/ fishes/ meat etc)							
	Use of women friendly tools							
	Techniques of child care/ old age							
	Value addition in fruits and vegetables in Tapioca							

Activities	Thematic Area	Enterprise/ Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)/Unit/ Beneficiary	FLD (No.)	Area (ha.)/Unit/ Beneficiary
FLD	Nutritional Gardening					
	Nutritional diet for children/ Pregnant women			2	5	
	Energy saving tools/ devices					
	Water harvesting devices including purification					

	Hygienic Sanitation					
	Organic dye introduction/ utilization					
	Utilization of waste materials (Bio-degraded/ non-degraded)					
	Storage techniques (grains/ fruits/ fishes/ meat etc)		2	5		
	Use of women friendly tools					
	Techniques of child care/ old age					
	Value addition in fruits and vegetables in Tapioca					

Training activities (under Home Sc.)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	1	20		
	Farmers	4	100		
	Farm women	4	40		
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth	1	10		
	Farmers				
	Farm women	2	40		
	Extension personnel				
	Civil society				
	NGO				
Sponsored programmes	Any other (Pl. specify)				
	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
Any other (Pl. specify)					

Activity (under Home Sc.)	Thematic area	Target		Achievement	
		No. of demon./visit	No. of beneficiary	No. of demon./visit	No. of beneficiary
Method demonstration	1.				
	2.				
	3.				
				
Diagnostic visits	1.				
	2.				

PRODUCTION through training materials:

Items	Target(No.)	Achievements (No.)	Remarks
Juice & Squash	50 bottles		
Pickle	25 bottles		

DISCIPLINE: Agricultural Extension

Activities	Thematic Area	Crop/ cropping System	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Formation of Groups			2	24			
	Benchmark Survey (PRA etc)			2				
	Impact Assessment			1				
	Technology Backstopping							
	Dissemination time/ Loss of technologies							
	Coordination/ Convergence/ Linkages promoted/ Created			2				

Activities	Thematic Area	Crop/ cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Formation of Groups					
	Benchmark Survey (PRA etc)					
	Impact Assessment					
	Technology Backstopping					
	Dissemination time/ Loss of technologies					
	Coordination/ Convergence/ Linkages promoted/ Created					

Training activities (under Agri. Extension)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	3	60		
	Farmers	5	125		
	Farm women				
	Extension personnel	5	42		
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers				
	Farm women				
	Extension personnel	1	20		
	Civil society				
	NGO				
Sponsored programmes	Any other (Pl. specify)				
	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				

	Civil society				
	Any other (Pl. specify)				

Activity (under Agri. Extension)	Thematic area	Target		Achievement	
		No. of demon./visit	No. of beneficiary	No. of demon./visit	No. of beneficiary
Method demonstration	1.				
	2.				
	3.				
	4.				
Diagnostic visits	1.				
	2.				

DISCIPLINE: AGROFORESTRY

Activities	Thematic Area	Crop/cropping System	Target			Achievement		
			OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Introduction of MPTs in existing Systems		1	3	0.5			
	Introduction of MPTs in newly Developed Systems							
	Introduction of high value crops/ livestock in different systems							
	Reclamation of degraded area with MPTs etc.		1	2	1.0			
	Introduction of biofuel species/ tress							
	Canopy Management (Pruning/ Topping)							
	Secondary forestry diversification (Bamboo/ Broomgrass etc.)							
Scientific Nursery promotion								

Activities	Thematic Area	Crop/cropping System	Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Introduction of MPTs in existing Systems					
	Introduction of MPTs in newly Developed Systems					
	Introduction of high value crops/ livestock in different systems					
	Reclamation of degraded area with MPTs etc.					
	Introduction of biofuel species/ tress	Pongamia	2	0.5		
	Canopy Management (Pruning/ Topping)					
	Secondary forestry diversification (Bamboo/ Broomgrass etc.)		2	0.5		

Training activities (under Agroforestry)	Participants	Target		Achievement	
		No. of programmes	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth				
	Farmers	2	50		
	Farm women				
	Extension personnel	1	12		
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth	1	10		
	Farmers	1	10		
	Farm women	1	10		
	Extension personnel				
	Civil society				
	NGO				
	Any other (Pl. specify)				
Sponsored programmes	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				

Activity (under Agroforestry)	Thematic area	Target		Achievement	
		No. of demon./visit	No. of beneficiary	No. of demon./visit	No. of beneficiary
Method demonstration	1.				
	2.				
	3.				
				
Diagnostic visits	1.				
	2.				

PRODUCTION (Seeds/ Planting materials):

Seeds/ Planting materials	Target(No./ Quantity)	Achievements (No./ Quantity)

Varietal performance/ performance of early/ long duration rice varieties under upland/ lowland/ flood prone/ flood free etc situations.

- Varietal performance of pulses/ oilseeds etc
- Integrated nutrient management in Rice/ Wheat/ Pulses/ Oilseeds/ Fodder crops etc
- Integrated pest management in Rice/ Wheat/ Pulses/ Oilseeds/ Fodder crops etc
- Biological control of pests/ nematodes etc
- Biological control of diseases of Rice etc/ Vegetables etc / fruit trees etc.
- Green manuring of crops with Serbenia/ Dhaincha etc
- Vermicomposting of crops.

AGROFORESTRY:

Introduction of multipurpose tree species (MPTS)

- In existing systems (Agri- Silvi/ Agri-Pasteur etc)

- Newly developed systems
- Planting under social farming programmes
- Introduction of high value crops/ livestock
- Planting MPTS in degraded areas
- Introduction of biofuel species/ trees
- Pruning/ Topping of trees
- Bamboo/ Broomgrass/ Wild S ac species- Forest diversification
- Scientific nursery promotion

PIGGERY

Methods for restraining pigs

- Restraining piglets on its side (for injection vaccination treatment)
- Restraining piglets by holding its rear legs (for transportation)

Methods for restraining older/ heavier pigs

- By using a snare
- Laying the animal on its side

Methods for measuring body temperature and respiration

CLIMATRIC	NORMAL RANGE
Respiration	
Young	50/ minute
Old	13-15/ minute
temperature	39 C

Methods of administration of medicines and use of a few surgical equipments

- Method of withdrawing medicine from a vial
- Intramuscular injection (into muscle)
- Subcutaneous injections (under the skin)

Home Science

- Nutritional gardening
- Nutritional diet for children
- Energy saving chullas
- Water harvesting devices including purification of drinking water
- Hygienic sanitation
- Organic dye utilization
- Utilization of waste materials/ biodegraded/ non-degraded
- Storage techniques (grains/ fruits/ fishes/ meat etc)
- Uses of women friendly tools/ implements
- Techniques of child care