KVK: Tinsukia STATE: Assam Mandated activities (Abstract) Discipline: Agronomy

HOST ORGANISATION: Assam Agriculture University, Jorhat

Activities	Thematic Area	Crop/ cropping	Target		A	chievement		
		System	OFT	Trial	Area	OFT	Trial (No.)	Area
			(No.)	(No.)	(ha)	(No.)		(ha)
OFT	Varietal performance	Rice- toria	1	3	0.4			
		Black gram	1	3	0.4			
	Integrated Weed Mgmt							
	Integrated Nutrient Mgt							
	Water Mgmt	Black gram	1					
	Tillage Mgmt/Farm Machinery							
	Any other (Please specify)	Toria	1	2	0.4			
	lowering seed rate of lentil							

Activities	Thematic Area	Crop/ cropping	Targ	et	Achievement	
		System	FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Varietal performance	Glutinous rice	5	1		
		Scented rice	5	1		
		Sugar cane	2	0.26		
	Integrated Weed Mgmt					
	Integrated Nutrient Mgmt					
	Water Mgmt					
	Tillage Mgmt/Farm Machinery					
	Integrated Farming System/ICM	Toria	5	1		
	Any other (Please specify) Relay cropping	Pea in rice	2	1		

Training activities (under Agronomy)	Participants	Tar	get	Achieve	ement
		No. of programme s	No. of beneficiary	No. of programmes	No. of beneficiary
	Rural youth				
	Farmers	14	350		
	Farm women				
	Extension personnel	2	50		
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				

		Civil society					
		NGO					
		Any other (Pl. specify	y)				
Sponsored prog	rammes	Rural youth					
		Farmers					
		Farm women					
		Extension personn	el				
		Civil society					
Activity (under Agronomy)	Then	natic area		Targe	et	Achieve	ment
<u> </u>			de	No. of monstration	No. of beneficiary	No. of demonstration	No. of beneficiary
Method demonstration					-		
Diagnostic visits		INM		2	10		

SEED PRODUCTION (FIELD CROPS)

Weed Management

Сгор	Variety	Quantity (qt)		
		Target	Achievements	
Black gram/Toria/Sesamum	KU-301/TS-38/Kaliabor selection	2.5		
Fodder	Napier	1000 nos		
	Setarria	1000 nos		
	Guinea	500 nos		

3

10

DISCIPLINE: HORTICULTURE

Activities	Thematic Area	Crop/ cropping		Target			Achievement	
		System	OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Varietal performance	Ridge gourd	1	3	0.5			
	Integrated Nutrient Mgmt	Okra	1	3	0.5			
		Cabbage	1	3	0.5			
	Integrated Weed Mgmt							
	Orchard Rejuvenation							
	Post harvest							
	Value addition							
	Canopy mgmt.							
	Landscaping							
	Mechanization							
	Mechanical plucking							
	Any other (Pl. Specify)	Rice – French	1	3	0.5			
	Farming System	bean						

Activities Thematic Area	Crop/ cropping System	Target	Achievement
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			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Varietal performance	Tube Rose	4	0.5		
		Tissue culture banana	4	0.5		
		Turmeric	4	0.5		
	Integrated Nutrient Mgmt					
	Integrated Weed Mgmt					
	Orchard Rejuvenation					
	Post harvest					
	Value addition					
	Canopy mgmt.					
	Landscaping					
	Mechanization					
	Any other (Pl. Specify)					

Training activities (under Horticulture)	Participants	Tar	get	Achiev	ement
		No. of programme s	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	2	50		
	Farmers	13	325		
	Farm women				
	Extension personnel	1	25		
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers				
	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 Horticulture)	Thematic area	Targe	Target		ment
		No. of demonstration	No. of beneficiary	No. of demonstration	No. of beneficiary
Method	1. Fertilizer management	2	10		
demonstration	2. Training & pruning	1	10		
	3. Rejuvenation	2	10		
Diagnostic visits		5	20		

PRODUCTION OF PLANTING MATERIALS/ SEED: (VEG/ SPECIES)

ſ	Crop/ Trees	Variety	Quantity (No/ qt)

		Target	Achievements
Fruits -			
Assam lemon	Local	500 nos	
Rough Lemon	Local	500 nos	
Рарауа	Red lady	500 nos	
Spices			
Black pepper	Paneur-1	2000 nos	

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	INM in toria	1	3	0.4			
	Soil management							
	Soil testing							
	Soil amendment (Lime/ Others)	Pulses	1	3	0.4			
	Soil biology (BGA/ Azolla)							
	Soil microbes (beneficial)							
	Water harvesting							

Activities	Thematic Area	Crop/ cropping System	Tar	Target		ement
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
	Soil health	Vermicompost	5			
FLD	Soil management					
	Soil testing					
	Soil amendment (Lime/ Others)	Rice	5	1.5		
	Soil biology (BGA/ Azolla)	Rice	5	1.5		
	Soil microbes (beneficial)					

Training activities (under Soil Science)	Participants	Tar	get	Achiev	ement
		No. of programme s	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth	1	25		
	Farmers	10	250		
	Farm women				
	Extension personnel	1	25		
	Civil society				
	Any other (Pl. specify) NGO				
Vocational programmes	Rural youth	1	25		
	Farmers				

	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	Thematic area	Target		Achieve	ment
		No. of	No. of	No. of	No. of
		demonstration	beneficiary	demonstration	beneficiary
Method	1.INM	2	10		
demonstration	2.Vermicompost	3	30		
Diagnostic visits	1.				
	2.				

PRODUCTION OF BIO FERTILIZERS/ VERMICOMPOST ETC

Product	Quantity (qt)	
	Target	Achievements
Vermicompost	20	
Azolla	5	

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	IPM/IDM							
	Biological control (Insect/pest/ weeds etc)							
	Product evaluation (Efficacy)							
	Beneficial insect							
	Beneficial organisms							
	Store grain pest							

Activities	Thematic Area Crop/ cropping System		Target		Achievement	
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
	IPM/IDM					
FLD	Biological control (Insect/pest/ weeds etc)					
	Product evaluation (Efficacy)					
	Beneficial insect					

Beneficial			
organisms			

Training activities (under plant protection)	Participants	Tar	get	Achieve	ement
		No. of programme s	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers				
	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	Thematic area	Target		Achieve	ment
		No. of demonstration	No. of beneficiary	No. of demonstration	No. of beneficiary
Method	Safe handling of pesticides				
demonstration	Bordeaux mixture preparation				
Diagnostic visits	IPM				
	IDM				

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								
	Breed								
	improvement								

Feeding				
management				
Health and clinic				
Housing				
Processing/ Value				
addition				
Fodder quality/				
Production				
Pasture				
management				

Activities	Thematic Area	Livestock/ Bird		Target	Ac	hievement
			FLD (No.)	Area (ha.) /Unit/Beneficiary	FLD (No.)	Area (ha.) /Unit/Beneficiary
FLD	Breed introduction					
	Breed improvement					
	Feeding management					
	Health and clinic					
	Housing					
	Processing/ Value addition					
	Fodder quality					
	Pasture management					

Training activities (under Animal	Participants	Tar	get	Achieve	ement
Husbandry)		No. of programme s	No. of beneficiary	No. of programmes	No. of beneficiary
Short term courses	Rural youth				
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth				
	Farmers				
	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 Animal Husbandry)	Thematic area	Targ	et	Achieve	ement
		No. of	No. of	No. of	No. of

		demon./visi t	beneficiary	demon./visit	beneficiary
Method	1.Vaccination				
demonstration					
Diagnostic visits	1.				
	2.				

PRODUCTION:

ltem	Target(No.)	Achievements (No.)

DISCIPLINE: TEA HUSBANDRY AND TECHNOLOGY

Activities	Thematic Area	Crop/ cropping	Target			Achievement		
		System	OFT (No.)	Trial (No.)	Area (ha)	OFT (No.)	Trial (No.)	Area (ha)
OFT	Varietal performance							
	Integrated Nutrient Mgmt							
	Integrated Weed Mgmt							
	Orchard Rejuvenation							
	Post harvest							
	Value addition							
	Canopy mgmt.							
	Landscaping							
	Mechanization	Use of hand	1	2	0.26			
	Mechanical plucking	scheres						
	Any other (Pl. Specify)	Tea with Khasi	1	2	0.26			
	Mixed cropping	mandarin						

Activities	Thematic Area	Crop/ cropping System	Targe	t	Achiev	ement
			FLD (No.)	Area (ha.)	FLD (No.)	Area (ha.)
FLD	Varietal performance					
	Integrated Nutrient Mgmt	YTD application	2	0.26		
	Integrated Pest Mgmt	Теа	2	0.26		
	Orchard Rejuvenation					
	Post harvest					
	Value addition					
	Canopy mgmt.	Frame formation	2	0.26		
	Landscaping					
	Mechanization					
	Any other (Pl. Specify) Mixed cropping	Black pepper+ Areca nut +Tea	2	0.26		

Participants Target Achievement

Training activities (under Animal		No. of	No. of	No. of	No. of
Husbandry)		programme	beneficiary	programmes	beneficiary
		s			
Short term courses	Rural youth	12	300		
	Farmers				
	Farm women				
	Extension personnel				
	Civil society				
	Any other (Pl. specify)				
Vocational programmes	Rural youth	1	25		
	Farmers				
	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 Animal Husbandry)	Thematic area	Tar	Target		ement
		No. of demon./visi t	No. of beneficiary	No. of demon./visit	No. of beneficiary
Method demonstration	1. Pruning	3	30		
Diagnostic visits	1. 2.	5	20		

PRODUCTION:

Item	Target(No.)	Achievements (No.)
Tea cuttings	5000	
Albizia spp.	1000	

DISCIPLINE: HOME SCIENCE

Activities	Thematic Area		Та	irget	Achievement			
		Crop/ cropping System/	OFT (No.)	Trial (No.)	Area (ha)/ Unit/Beneficiary	OFT (No.)	Trial (No.)	Area (ha)/Unit/Beneficiary
OFT	Nutritional Gardening							
	Nutritional diet for children/ Pregnant women							
	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)	Minor fruits	1	2	10		
Use of women friendly tools	Pedal operated thresher	1	3	30		
Techniques of child care/ old age						

Activities	Thematic Area		Enterprise/ Crop			Target	Achievement		
			cropping Systen	n	FLD (No.)	Area (ha.)/Unit/ Beneficiary	FLD (No.)	Area (ha.)/Unit/ Beneficiary	
FLD) Nutritional Gardening		Vegetable crop	os	3	0.13			
Nutritional diet for children/ Pregnant women		/							
	Energy saving tools/ devices	5	Hand shears in tea		3	30			
	Water harvesting devices including purification								
	Hygienic SanitationOrganic dye introduction/ utilizationUtilization of waste materials (Bio-degraded/ non-degraded)Storage techniques (grains/ fruits/ fishes/ meat etc)Use of women friendly tools		Use of natural dyes form local trees and flower	rs	3	20			
			Improved sickl Women friend weeder		3 3	30 20			
	Techniques of child care/ old	d age							
Training	activities (under Home Sc.)		Participants		Tar	Target		lievement	
				pro	No. of ogrammes	No. of beneficiary	No. of programm	No. of beneficiary	
Farm Farm Exten		Rural	youth		5	125			
		Farm	ers						
		Farm	women		8	200			
		ision personnel							
		society							

	Any other (Pl. specify)			
Vocational programmes	Rural youth	1	25	
	Farmers			
	Farm women	3	75	
	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 Home Sc.)	Thematic area	Target		Achievement		
		No. of demon./visi t	No. of beneficiary	No. of demon./visit	No. of beneficiary	
Method	1.Value addition	2	20			
demonstration	2. Organic dye introduction	1	10			
	3.					
	•••••	_				
Diagnostic visits	1.					
	2.					

PRODUCTION through training materials:

Items	Target(No.)	Achievements (No.)	Remarks

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
- Prunning/ 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