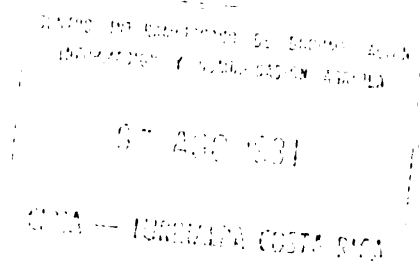


TROPICAL AGRICULTURE RESEARCH AND TRAINING CENTER

CATIE



CONCENTRATED ACTION MODULE (CAM)

**ACTIVITY PLAN IN EL SALVADOR
FOR 1980**

Turrialba, Costa Rica

March 1980



CATIE CONCENTRATED ACTION MODULE ACTIVITY PLAN IN EL SALVADOR FOR 1980

Type of Activity	Objectives	Area	N°Activities	N°Farmers
1. TECHNOLOGY GENERATION		Tejutla	1	6
Evaluation of an alternative Model (Experiments)	Evaluate the alternative Model in various areas. Comparing it to the cropping systems the farmers are presently using.			
Test modification in alternative Model (Experiments)	Determine the effect of changing the level of interaction among components within the alternative model	Tejutla	3	6
Test different components within the alternative Model (Experiments)	Evaluate the possibility of using different crops as components of the alternative cropping system	Tejutla	2	8
Explore the possibility of introducing new crops (Experiments)	Look for new crops that can later be used to modify the alternative model or desing new models	Tejutla	2	4
Explore the possibility of introducing new components at the farm system level (Experiments)	Look for new components (animals, crops, trees, etc) that could be used to design alternative farm systems	Tejutla	4	4
Analyze specific components (Experiments)	Study and understand how the basic components function and identify performance-limiting factors	San Andrés	1	
<u>Fruits and Vegetables</u>				
Collection, propagation, and conservation of available genetic materials	Establish a program to collect, propagate and conserve native fruit and vegetable species and varieties	San Andrés	1	200

Evaluation of fruit species and determination of management requirements (Experiments)	Evaluate the management practices required by the different fruits grown in the area	Tejutla	4	8
Evaluation of vegetable species and determination of management requirements (Experiments)	Evaluate the management practices required by the different vegetables grown in the area.	Tejutla	3	2
<u>Forestry</u>				
Introduction and evaluation of fast-growing trees (Experiments)	Introduce, evaluate, and select tree species that are ecologically adapted to the area	Tejutla	3	3
Evaluation of firewood and lumber produced and used in the area (Diagnosis)	Identify the native tree species that are presently used for firewood and lumber	Tejutla	1	2
Evaluation of tree species that reduce soil erosion (Experiments)	Evaluate tree species that could potentially reduce soil erosion	Tejutla	2	2
<u>Self-help and low cost;</u>				
Analysis of primary technology used by low income farmers (Diagnosis)	Identify the technology being used by small farmers	Tejutla	1	100
Identification of tillage implements, water management, and energy sources (Description)	Identify and improve existing implements and ways of managing water and energy	Tejutla	1	50
Study of unconventional energy sources powered irrigation (Diagnosis and Proposal)	Identify and propose irrigation systems with low energy and cost requirements	Tejutla	1	50
Study of farm wastes as energy sources (Diagnosis and Proposal)	Identify existing practices in which farm wastes are used as an energy source	Tejutla	1	50

2. RESEARCH IN TECHNOLOGY TRANSFER, STUDY OF COMMUNICATION CHANNELS (Diagnosis and Analysis)	Identify existing communication channels through which farmers receive information	Tejutla Jocoro	2 1	100
Study of the levels of adoption and adaptation (Diagnosis and Analysis)	Evaluate the different adoption levels as technology is modified by the communication medium	Tejutla Jocoro	2 1	100
Evaluation of transfer method- ologies (Analysis and Proposal)	Select technology transfer method- ologies with high impact and easy implementation	Tejutla Jocoro	2	
3. EXTRAPOLATION Compilation of secondary informa- tion	Organize existing secondary information and the identification of analogous areas and environmental gradients	Region	1	
A-Physical factors (Compilation and Analysis)				
B-Biological factors (Compilation and Analysis)				
C-Socioeconomic factors (Compil- ation and Analysis)				
Compilation of primary information				
A-Physical factors (Diagnosis and Analysis)	Generate primary information describing different agro-ecologi- cal and socioeconomic factors	Tejutla	1	100
B-Biological factors (diagnosis and Analysis)				
C-Socioeconomic factors (Diagnosis and Analysis)				

4. TRAINING				
Technical Staff Level				
A-Professional	Increase the capability of technical staff involved in agricultural research and development	Tejutla San Salvador Turrialba	4	125
B-Non-professional				
Farmer Level				
A-Single family farms	Communicate new technology to the farmers of the country	Tejutla	4	125
B-Multiple family farms (Collective farms)				
5. PRODUCTION SYSTEMS ANALYSIS				
Identification of farms system types (Diagnosis and Analysis)	Identify and analyze different types of farms	Tejutla	1	50
Analysis of farm system structure and function	Identify the components of the farm systems and the arrangement of these components and gain some understanding of the relationship between these structural characteristics and the overall function of the farm	Tejutla	1	10

