

ABSTRACT

Title: The Future Information System for Administration of
District Agricultural Extension in Thailand

By: Manat Korbud

Degree: Master of Science (Agricultural Extension)

Major Field: Agricultural Extension

Chairman, Thesis Advisory Board:..... *Weerasak Prokati*.....

(Dr. Weerasak Prokati)

..... *30th July 1997*

The objectives of this research were to investigate 1) the appropriate structural information system of District Agricultural Extension Administrators in the future; 2) suggestions of information system for collecting, using and searching data for District Agricultural Extension Administrators; 3) practical properties of information system for District Agricultural Extension Administrators. The data were collected by delphi technique from 25 preidentified experts from universities, regional and provincial agricultural extension offices, including offices of Provincial Agriculture and Cooperatives. Data were analyzed by Statistical Package for the Social Sciences (SPSS/PC⁺).

The findings of the research indicated that:

1. The appropriate structures of future information system should consist of 1) data to be input to database system such as problem or requirement for solving the user problems, the selected information for

further inputting into the system; 2) the procedure for processing data to serve as the expected information following the users' requirement for example. The process for collection and storage data, evaluating and retrieval of the information and, 3) the suitable data base to solve the specific users' problems.

2. The elements of expected information system for agricultural extension administration should consist of 1) appropriate database and data; 2) qualified personnel specialized in computer, computer program, database and information system; 3) simple and complete facilities and, 4) efficient process for collecting, evaluating and retrieval of information.

3. Information identified for agricultural extension administrator in the future as highly important were 4 main categories as those information for 1) planning; 2) personnel management; 3) coordination and, 4) control.