Thesis Title Cropping System Design
Case study of Huai Nam Chone Irrigation Area.
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ABSTRACT

The main idea of this theis is to screen factors and rearrange them as data bases for the structure of cropping system design. The study was a resulted from the character of secondary data collected from government agencies work for agricultural development and fit it to the concept of cropping system design.

The secondary data can be devided into three parts; physical feature, biology feature and socio-economic status of farmer. The method of this thesis synthesised from types and characters of data. The goal of methods is shown in three parts;

crop selection, crop calendar and soil and water conservation measures.

The out put of this study is a diagram shows structure, function, in put and out put of cropping system design. After study with 40 farms of farmers in Huai Nam Chone Irrigation Area of Kao Hinsorn Royal Land Development Project Center, there are 8 patterns of cropping system which suit for the condition and limitation of each farm.

The results of study is available for both planner and farmer. An approach to manage with this thesis can be applied both manually and computer aid. The cropping system design here is a trial approach in agricultural development by classified and rearranged the secondary data into the data base for cropping system design structure.