

Thesis Title Factors Affecting the Success of Beef Cattle
Production Extension Program in Amphoe Dan
Khun Thot, Changwat Nakhon Ratchasima

Author Chantawan Chomwan

M.S. (Agriculture) Agricultural Extension

Examining Committee

Assoc. Prof. Dr. Pongsak	Angkasith	Chairman
Assist. Prof. Dusdee	Nalampang	Member
Assist. Prof. Dr. Boonserm	Cheva-issarakul	Member
Lecturer Rampaipan	Apichatpongchai	Member

Abstract

The research entitled Factors Affecting the Success of Beef Cattle Production Extension Program in Amphoe Dan Khun Thot, Changwat Nakhon Ratchasima aimed at studying the general information on economic, social and other aspects of beef cattle farmers, determining the relationship between socioeconomic and other factors and the success of the extension work. Furthermore, the problems and needs of beef cattle farmers were also investigated. In this study, one hundred and sixty-five farmers were selected by multi-stage sampling method. Data were collected by the use of questionnaire of selected beef farmers. Data has been

presented in terms of percentage, arithmetic mean and Chi-square for testing hypothesis.

From the research findings, it has been found that the average age of beef cattle farmers was 41 years old. Most of them were literate and had finished primary education. The average number of family member was 5. Their major occupation was rice and field crop growing while minor occupation was livestock production. The farmers were clients of the Bank for Agricultural and Cooperative. Consequently, they could obtain credit from the bank for their agricultural business. They also had contacted with government officials from different agencies.

From the hypothesis testing, it was found that there was a relationship between the farmers' level of success and credit, age, social position, training activities and cattle participation in the beef cattle raising activities.

Beef cattle farmers' problem could be identified according to its order of importance as follows : limitation of grazing area, insufficiency of cattle breed, animal hygenic condition, capital, water resource, vaccination, marketing, cattle mortality, labour and thief. In addition, they need training courses on cattle production and other agricultural fields, namely : grazing area, cattle diseases, artificial insemination, credit, feed supplement, forage crop and minerals, etc.