

Rakpracha Thisawech 2008: Farmer's Expectation on Agricultural Occupation Development in Sebai Irrigation Project Area, Amnat Charoen Province. Master of Arts (Social Development), Major Field: Social Development, Interdisciplinary Graduate Program. Thesis Advisor: Professor Yuwat Vuthimedhi, Ph.D. 169 pages.

The objectives of this study were studying the agriculturists' expectation on agricultural occupation development which used some demographic, socio-economic factors to compare agriculturists' expectation on agricultural occupation development relates to problems, operation guidelines and suggestion. The tool for data collecting was interview schedule, The members of 240 agriculturists in villages around Sebai Irrigation Project Area, Amnat Charoen Province were interviewed. Statistic of data analysis was percentage, mean, S.D., t-Test, One-way ANOVA at level of significance at 0.05.

Study results found that most of the sample of household heads were male, age between 41 – 50 years old, primary educational level, did not have social position, lived in village more than 5 years, had been received training in agriculture from parents, possesses farm size was 11 – 20 rais, family farm labor was 9 persons, yearly income 50,000 – 99,999 Baht, had household expense 10,000 – 19,999 Baht per year, occupational investment 20,000 - 40,001 Baht per year and most of them are the members of agricultural group.

Agriculturists' expectation in aspects of technology transferring, community business development for production, processing and marketing, plant and animal breeding modification were in the moderate level. But in aspects of technology support, soil, water and environmental resource development were in high level. For problems operation guidelines and suggestion, respondents revealed that there were many problems such as quality of soil, lack of rain, irrigation, plant and animal breed, organic fertilizer, labor, knowledge of breed selection, products, market, investment and governmental support. Agricultural institute played only few roles on agricultural occupation development. Suggestion was to let group members participate to submit their opinion, to plan and to make decision.

Hypothesis testing result found that there were difference in agriculturists' expectation on agricultural occupation development. Comparing in each aspect found that agriculturists who had different age, location, amount of possessed land, social position, household labor, income and membership of agricultural group had different expectation. But agriculturist who had different training, received investment source had indifferent expectation, The farmers who live in the middle area of the dam and who lived below and around contacting dam area were different expectation with statistic level of significant at 0.05

---

Student's signature

---

Thesis Advisor's signature