

Thesis Title The Awareness of the Sub-district Extension Officer
Concerning Environmental Problems Arising from
Agricultural Technology in Chiang Mai Province

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Abstract

The objectives of this research were to examine the awareness of the Sub - district Extension Officer in Chiang Mai concerning environmental problems arising from agricultural technology, to investigate the relationship between the background of the Sub - district Extension Officers and the awareness concerning environmental problems arising from agricultural technology and to identify the ways to maintain the environmental balance . Data were collected by means of questionnaires from 138 Sub - district Extension Officers in Chiang Mai province and analyzed by using SPSS computer programme.

It was found that most of the respondents were male, 41 years old on average, the domicile is Chaing Mai province, level of

education was baccalaureate, and married. They had an average agricultural income about 12,157.93 baht per month, 16 years working experience and had extension contact about 12 times per month. The majority of them specialized on plant science. Amount of household responsible was 1,334.39 on average and most of them obtained information about environment from television.

It was found that Sub-district Extension Officer had knowledge about agricultural technology and chemical fertilizer at high level, knowledge of using agricultural machine and pesticide at moderate level.

They had awareness about environmental problems arising from agricultural technology at high level, from use of agricultural machine at low level and from using pesticide at high level.

From research findings, it was found that the relationship between personal characteristics, socio - economic factors were not related to the awareness about environmental problems arising from agricultural technology, but the relationship between knowledge of using agricultural technology and the awareness about environmental problems arising from agricultural technology was found significantly related at 0.01 level, and knowledge of using agricultural machine related to the awareness about environmental problems arising from agricultural technology at 0.05 level, but knowledge of using chemical fertilizer and pesticide were not related to the awareness about environmental problems arising from agricultural technology at all.