

Independent Study Title Factors Affecting Sugar Cane Growers' Attitude towards
Chemical Control in Muang District, Kamphangphet Province

Author Mr. Tharathip Pawara

M.S.(Agriculture) Agricultural Extension

Examining Committee :

Assoc. Prof. Dr.Narinchai Patanapongsa	Chairman
Asst. Prof. Katin Srimongkol	Member
Lect. Rampaipan Apichatpongchai	Member
Asst. Prof. Dusdee Nalampang	Member

Abstract

The objective of the study were to find out the relationship between the personal characteristics of the sugar cane growers and their attitudes towards chemical control. The problems and suggestions to provide better services of plant protection to them were also asked.

The respondents of the study were based on the sugar cane growers in Maung district, Kamphangphet province by using multi-stage sampling. In total 109 respondents were interviewed. The analysis of the data was based on the frequency, percentage, maximum, minimum, mean, standard deviation and also stepwise multiple regression analysis and pearson product moment correlation coefficient were employed.

It was found that the attitudes of the sugar cane growers was scored with the average point of 2.41 out of 3. Out of 7 factors in the hypothesis there were only 2 factors affecting sugar cane growers' attitudes towards chemical control. These are firstly knowledge of pests and chemical control and secondly educational attainment.

When needs and problems were analyzed, the first priority was more visiting by some agricultural technical advisers. This follow by the need of getting leaflets about sugar cane pest control. And more than 10 percent of the farmers admitted that they did not know sugar cone pests, did know how to control them so the action to combat with pests was generally failed.

The researcher recommended that the extension worker should provide more sugar cane pests knowledge to the farmers especially those with low level of education. More farm visits should be done. The training should be conducted in the village not in the officers' office.

มหาวิทยาลัยเชียงใหม่
Chiang Mai University