

Thesis Title      Knowledge and Attitude of Pratom 6 Students toward  
                    Pesticide Usage in Nakornchaisri District  
                    Nakornpathom Province.

Name Krisaya Boonthong

**Degree** Master of Education (Environmental Education)

### Thesis Supervisory Committee

Tippan Navawongs, B.Ed., M.Ed., M.A., C.A.S.  
Boontham Kijpreedaborisuthi, B.Sc., M.Ed.  
Temduang Ratanathusnee, B.Sc., M.A.

Date of Graduation 25 May B.E. 2535 (1992)

## ABSTRACT

The purposes of this research were : first, to study and analyse the knowledge and attitude of Pratom Six students regarding the use of chemical substances to control pests, and second, to collect some basic data for improving life experience lesson plans on pesticides in Pratom 6. The subjects of this research were 303 students from two schools in the academic year 2534.

The research instrument used was the questionnaires evaluating knowledge and attitudes of the students towards the use of chemical substances to prevent and control pests. This research was aimed at studying ways of using toxic substances, their usefulness and their impact to environment. The percentage, means, standard deviation, One Way analysis of variance and Pearson Product Moment Correlation Coefficient were employed to analyze data.

The results revealed that the male students and the female students d'd not deffer significantly regarding their knowledge about the use of pesticide for control of the pests. As for the attitude part, the female students tended to have a more positive attitude towards the use of pesticide for control of the pests than the male students. It was also found that the students in every school groups tended to know about the use of pesticide for control of the pests. It was also found that their fathers' occupations and their mothers' occupations did not show any influences over the knowledge and attitude of those students. Having and using pesticides in the students' home also did not show any influences over the knowledge and attitude of those students.

It was indicated by this research that the students who were going to pass pratom 6 subject on the provisions of the constitution gained moderate knowledge on the pesticides and good attitude towards it. If the methods of teaching environmental education on the aforementioned issues are improved appropriately to be consistent with the students' ages and the existing environment, the students will gain more knowledge and better attitude towards the ways of utilizing appropriate pesticides.