

Thesis Title                      Knowledge and Attitudes of Technical  
Agriculture Students in Rajamangala  
Institute of Technology toward  
Environmental Pollution Problems

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**ABSTRACT**

The purposes of this study were to investigate the knowledge and attitude of technical agriculture students in Rajamangala Institute of Technology toward environmental pollution problems. Related variables such as institute location, grade point average, membership of environmental club and sources of environmental information were analyzed. Using simple random sampling, 319 students were administered knowledge and attitudinal questionnaires. The Statistical Package of Social Sciences (SPSS) was used to analyze the results i.e. percentage, arithmetic mean, standard deviation, t-test, analysis of variance, multiple comparison (Scheffe's test), mode and chi-square.

The findings were as follows:

1. The technical agriculture students had medium level of knowledge related to environmental pollution problems. Their levels of knowledge were statistically

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different at the 0.05 level of significance based on institute location, grade point average and being membership of the environmental club, no significant difference was found based on sources of environmental information.

2. The technical agriculture students had a positive attitude towards environmental pollution problems including prevention guidelines. Most of the students had a positive attitude towards agricultural, soil and water pollution problems which resulted from using toxic chemicals in agriculture. The institute location, grade point average, membership of environmental club and students being in receipt of environmental information from various sources had no statistical significance at the 0.05 level regarding the student's attitude towards environmental pollution problems.

3. The technical agriculture students agreed with the promotion and support of academic activities in environmental management.