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KRITIYA KEOMAHAKARL : THE DEVELOPMENT AND IMPLEMENTATION OF SOUND-SLIDES ON SUSTAINABLE AGRICULTURAL DEVELOPMENT FOR COLLEGE OF AGRICULTURE AND TECHNOLOGY. THESIS ADVISORS : RACHANONT SUPAPONGPICHATE , Ph.D., NOPPORN TASNAINA, Ph.D., SAOVAPA NANAKORN, M.A., 161 p. ISBN 974-662-663-9

The purpose of this research was to develop and implement an effective set of sound-slides about sustainable agricultural development for the students of the Agriculture and Technology College, Suphanburi province. The procedure of this research was divided into two steps : construction and implementation of the set of sound-slides.

The pretest-posttest control group design was used in this research. The subjects were randomly selected from the Agriculture and Technology College students in Suphanburi province. They were divided into two groups, fifteen students each for the experiment and the control group. The experimental group studied the set of sound-slides and were post-tested a week later. T-test was employed to analyse the data.

Analysis of the data revealed that the knowledge and awareness scores of the experiment group who studied the set of sound-slides were significantly higher at 0.05 level, while the control group's scores were not significantly different.

Students expressed their satisfaction with this set of sound-slides as most satisfactory. In conclusion, this set of sound-slides was appropriate and could be used to help the Agriculture and Technology College students to gain more knowledge of sustainable agricultural development.