

Thesis Title The Construction and Evaluation of Training Curriculum on Pesticides Use and Its Impact on Environment for Farm Woman in Nakhonpathom Province

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ABSTRACT

The purpose of this research was to construction a training curriculum on pesticides use and its impact on the environment for farm woman in Nakhonpathom province.

There were three steps of training curriculum construction and evaluation as follow :

The first step : The preparation of training curriculum comprised of:

1. Studied of reports, pesticided articles and consulted the experts about pesticides substance and formulated into suitable substance for farm woman
2. Try out the knowledge test, which was designed by the researcher herself, with farm women in Nakhonsawan province. Then analyzed the index of difficulty (p) and

the discrimination power (r) and the reliability of the knowledge test by Kuder-Richardson 20 method (K-R 20). The reliability of the knowledge test was 0.90.

3. Taking the knowledge test, which was improved, to test the sample farm women and analyzed the data by computer (Statistical Package for Social Science). The statistics which were used in this research were percentage, arithmetic mean, standard deviation and compared the knowledge of farm women in 3 districts with Analysis of Variance (ANOVA)

The second step : Construction of training curriculum

This training curriculum consisted of 4 components.

1. Objective; the objectives were divided into 3 levels.

1.1 The training curriculum objectives

1.2 The general objectives of each content

1.3 The behavioral objectives

2. Content; which were divided into 3 units

2.1 Unit 1 Pesticides' problems in environment

2.2 Unit 2 The principles of pesticides use

2.3 Unit 3 The integrated pest management control

3. Training Method; there were many forms of training method, for example, lecture, discussion, demonstration, experience exchange and the study - cum - observation tour.

4. The Evaluation; which were divided into 3 categories.

4.1 Pre-test before training

4.2 In-time test during training

4.3 Post-test after training

4.4 Following-up 7th

The third step : Training curriculum evaluation

After the training curriculum was formulated, it was evaluated and suggested by 3 experts on curriculum development non-formal education and pesticides. Almost every part of training curriculum was evaluated and commented as appropriate except, some parts were inappropriate. And the training curriculum was improved and developed by the suggestions of all experts.