

The Development of Packaging to Create Additional Value for Organic Rice Products of Uttaradit Province, Thailand

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Abstract : The objectives of the study were to develop packaging made from rice straws left after the harvest in order to create additional value for organic rice products of Uttaradit Province and to demonstrate the technology of producing straw packaging to the community. The population was promoters of organic rice distributors, governmental organizations, consumers, and three groups of organic rice producers which are the Agriculturist Group of Khorrum Sub-district, Pichai District, Uttaradit Province; the Agriculturist Group of Wangdin Sub-district, Muang District, Uttaradit Province; and the Agriculturist Group of Wangkapi Sub-district, Muang District, Uttaradit Province. The data were collected via group discussions, and two types of questionnaires. The data acquired were then analyzed using descriptive statistic for percentage, mean, standard deviation, and content analysis. It has been found that primary packaging for one kilogram of rice requires vacuumed plastic bags made from thermoplastic or resin because they are able to preserve the quality of rice for a long time, and they are also very cheap. For secondary packaging, the making of straw paper was studied and applied. Straw paper can be used for various purposes, and in this study, it was used to create the secondary packaging models in compliance with packaging preferences acquired from the questionnaires. The models were surveyed among the population for their opinion using satisfaction questionnaires, and the result was overall highly satisfactory.

Keywords : environmentally friendly, organic rice, packaging, straw paper

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