

Rutchadaporn Sornsana 2011: Development of Food Package Using Banana Leaf Based on Sufficiency Economy Approach. Master of Arts (Home Economics Education), Major Field: Home Economics Education, Department of Vocational Education. Thesis Advisor: Associate Professor Kulkanit Rashainbunyawat, Ph.D. 177 pages.

This research was intended to investigate: 1) development of food package using banana leaf based on sufficiency economy approach, 2) the quality of food package using banana leaf, 3) acceptance of consumer about food package using banana leaf, and 4) to study the opinions of the district women development committee on food package using banana leaf. The making equipment of food package using banana leaf and questionnaire were used to collect data from sample group which consisted of 30 consumers and 135 district women development committees, Surat Thani. Data analysis comprised of frequency, percentage, mean, standard deviation, and Chi-square test using computer program.

The results of development of food package using banana leaf were as follows: the food package using banana leaf with no additive color and color mixing revealed good form, nice smooth consistency but in a different color. When stored at room temperature 1 month, the second began with a container debris removed from the container surface, the color and the preserve were not changed as well. The physical quality of the food package using banana leaf were: food package using banana leaf with no additive color shown high bursting strength than the color mixing. The thickness of the food package using banana leaf does not put food coloring is thicker than a little color mixing, the moisture content and density were equal both. The food package using banana leaf with no additive color showed absorption faster than color mixing, quality safety found that based on food package using banana leaf, and revealed non-pathogenic microorganisms. Food package with no additive color had lower production costs than the color mixing. The results showed that almost consumers were females, average age was 34.37 years, single, a government official/government employees, and average income per month 11,983.33 baht. Acceptance of a food package using banana leaf with no additive color was indicated than a color mixing.

The results indicated the background of the district women development committee, Surat Thani as follows: almost females, average age of 42.81 years, marital status, completed primary education and a bachelor's and higher, occupation as farmer, the average household income per month 24,319.19 baht. The opinions of district women development committee on the food package using banana leaf based on sufficiency economy approach were: they agreed with the high level of 5 aspects: moderation, reasonableness, self-immunity, knowledge, and morality. The hypothesis testing revealed that district women development committees with age, education, and family income differences, opinions about the food package using banana leaf based on sufficiency economy approach were statistically significant difference at the .05 level.

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Student's signature

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Thesis Advisor's signature