

Waraporn Bunnak 2013: Study on Production of Napier Pak Chong 1 Among Dairy Farmers in Nakhon Ratchasima Province. Master of Science (Agricultural Extension), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Assistant Professor Supattra Srisuwan, Ed.D. 151 pages.

The objectives of this research were: 1) to study individual factors, economic factors, levels of the knowledge of forage and exposure to agricultural information. 2) to study production of Napier Pak Chong 1. 3) to study to examine relationships between individual factors, economic factors, their level knowledge of foraging, and exposure to agricultural information among dairy farmers, and the production of Napier Pak Chong 1. An Interview sample size was 187 farmers. The study used interviews to collect data. The statistical analysis which was used to interpret the resultant data included, percentage, arithmetic means, standard deviation and Chi-square test.

The results of the research revealed that the majority of the farmers who took part in the study were male. with an average age of 44.11 years, an elementary education, an average period of experience in dairy cattle raising of 6.30 years, and an average area of 9.24 rai. Upper than 3 labor used for take care of dairy. The average cost of feed was 45,663.10 baht/year, whilst the amount of money spent on maintenance averaged 1,560.96 baht/year. Average income from dairy farming was approximately 63,839.57 baht/year. Farmers had median levels of knowledge of foraging. Their exposure to agricultural information came through local leaders and government officials, trips and demonstrations, and television. By correlation, it was found that farmers who had different age, experience, area, expenditure, revenue, levels of the knowledge of forage, personal media, activity media and mass media had a significant correlation with Production of Napier Pak Chong 1, statistically significant at 0.01 and 0.05 level.

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Thesis Advisor's signature