

Sakarin Bunrit 2012: Opinion on Oil Palm Plantation of Farmers in Nong Sua District, Pathum Thani Province. Master of Science (Agricultural Extension), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Assistant Professor Supattra Srisuwan, Ed.D. 201 pages.

The objectives of this research were to study: 1) individual factors, economic factors, knowledge of oil palm plantation, exposure to agricultural information and status of oil palm plantations. 2) to assess the opinion on oil palm plantation of farmers, 3) to compare the opinion on oil palm plantation of farmers in reference to individual factors and exposure to agricultural information. 4) to establish the relationship between economic factors, knowledge of oil palm plantation, and opinion on oil palm plantation of farmers. 5) to find problems and suggestions of farmers on oil palm plantation. Interviews schedule was used to collect data of 144 oil palm plantation farmers Nong Sua District, Pathum Thani Province. The statistical analysis for the interpretation of the gathered data included, percentage, arithmetic means, standard deviation, t-test, F-test, Least Significant Difference, and correlation coefficient of Pearson

Research result revealed that : 1) majority of farmers was male, with an average age of 49.06 years, with an elementary education, with a family of three to four members, the average area for oil palm plantation was 39.81 rais, the labor for oil palm plantation 1-2 persons, an average expense of oil palm plantation was 75,529.17 baht/year. average income from oil palm plantation was approximately 484,867.22 baht/year, average product was 2,958.75 kg./rai, the oil palm plantation knowledge of farmers was found to be on a high level, 2) the opinion on oil palm plantation of farmers were established to be at a high level. 3) the test of opinion on oil palm plantation of farmers with difference family members and the availability of agricultural information in the media were shown to be significant at 0.05 and 0.01. 4) the number of labors was found to significantly correlate with the opinion on oil palm plantation of farmers at 0.05, 5) The problems of the farmers were established to include acidic soil conditions in the oil palm plantation area, oil palm pollination, The findings of the present study suggest the need of support of the farmers, which was to include augmentation of the knowledge of soil, prevention of eradication of oil palm, and support in the application of pertinent technologies in the oil palm cultivation.

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Thesis Advisor's signature