

Wanthana Suckcharuan 2009: Organic Rice Growing Adoption of Farmers in Wang Nam Yen Subdistrict, Sawaeng Ha District, Ang Thong Province. Master of Science (Agricultural Extension), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Associate Professor Somsri Pattaratuma, M.S. 137 pages.

The objectives of this research were to study the basic socio – economic information of the farmers in Wang Nam Yen Sub district, Sawaeng Ha District, Ang Thong Province, organic rice growing knowledge, organic rice growing technology adoption, including their problems and suggestions. The data were collected by using interview schedule from 129 farmers, and statistically analyzed for percentage, arithmetic mean and chi – square test.

The results revealed that 65.10 % of the studied farmers were males and 34.90 % were females with the average age of 53.00 years, 70.50 % obtained primary education, their average experience of rice growing were 31.47 years, their average rice growing areas were 33.98 rai each. For their average score of organic rice growing knowledge were 59.80 scores.

According to the farmers adoption of the organic rice growing technology, it was found that all the studied farmers adopted ploughing straw before growing rice, using Pathumthane 1 direct seeded rice 15 – 20 kilograms per rai, compost and bio extract were applied as the fertilizer 5 liter per rai , weeding eradication were ploughing, weeding by hand and keeping water for 5 centimeter deep after rice growing, using disease and insect resisting seeds, using herbs (neem, citronella grass) and checking every 7 days for insect eradication; using harvester for harvesting paddy and drying to have 14 percent of moisture. Besides, it was found that all of the studied farmers did not adopt the technology concerning with growing beans before cultivating rice and harvesting paddy by hand

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Student's signature

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Thesis Advisor's signature

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