

Nantiya Sirivadpoonjaroen 2009: Participatory Process in Finding Means towards Good Agricultural Practices for Acid Lime of Farmers, Phetchaburi Province. Master of Science (Agricultural Extension), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Associate Professor Chatcharee Naritoom, Ph.D. 171 pages.

The objectives of this research were to: 1) study on the production system for Acid Lime in Phetchaburi Province, 2) enact means towards the Good Agricultural Practice (GAP) for Acid Lime, Phetchaburi Province and 3) evaluate the opinions of farmers towards GAP for Acid Lime in this province. Samples were divided into 2 groups as follows: 1) data were collected from 10 growers by using depth interview and focus group discussion, and 2) growers also participated in the evaluation. Data were collected via the method of interviewing schedule from 44 growers and descriptive statistics were evaluated in terms of percentages.

The results revealed that the production system of Acid Lime in this province under commercial scale was belonged to *Citrus aurantifolia* Swingle cv. Pan. The main nature of Acid Lime farmland was an upland type. The planting distance was either 6 x 6 or 6 x 8 meters. Mostly frequently found diseases were the citrus canker, stem rot and root rot. On the other hand, the mostly found pests were chilli thrips. From the farmers' participatory viewpoint towards Acid Lime GAP in this province was on the same direction as the system practised by the mandarin citrus growers and its GAP. Moreover, the proposed practices after questioning the opinion from participants, it was found that the majority did agree with the practices set forth while some categories were disagreed by the growers. For example, the stoppage of watering for plant flower induction, destroyed and elimination of weeds outside the orchards as well as leaf miner, chilli thrips and aphids prevention and elimination via the pruning method and burnt them down.

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Student's signature

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Thesis Advisor's signature