

Wanwipa Kasem 2010 Economics Factors Affecting on Rice Production in Thailand
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“Rice” is agricultural products that are very important for Thailand’s economy because rice not only is consumed in the domestic but also is exported to international market, which is the major income for Thailand’s economy. The main purpose for this report as follow; (1) to explain of rice’s productivity status in Thailand (2) to study on pricing factors and non-pricing factors that effect to change in cultivated area and rice productivity (3) to analyze the response of rice productivity comparing to government rice research investment and also price and non-price factors.

The result indicated that the response of rice areas and productivity in both wet season crop and dry season crop comparing to increasing of rice pricing showed the positive relation. Furthermore, the production factors such as rainfall and irrigated area are the main factors that affect rice productivity as well as the rice research budget. These factors are significant and show the positive relation. For the analysis result of elasticity in both wet and dry season crops supply response to rice research budget, the elasticity was 0.1209 for wet season crop and 0.2106 for dry season crop. In this implies that the government invests in rice research for additional 1 percent, the wet season crop supply and dry season crop supply will increase 0.12 and 0.21 percent respectively.

The study suggests that the government should promote rice production for more efficiency by investment in research to develop in rice varieties, efficiency in production, and factors which assist in the production such as irrigated area. The intensive measure of rice price in the appropriate level will motivate the agriculturist to increase the rice production, which is sufficient for consumption in domestic and export to market.

Student’s signature

Thesis Advisor’s signature