

Nichapa Sutthirak 2012: An Analysis of Competitiveness of Thai Rice Export.

Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resource Economics. Thesis Advisor:

Assistant Professor Nongnooch Poramacom, Ph.D. 137 pages.

The objectives of this research are to analyze the revealed comparative advantage and to analyze factor on the change of fragrant rice (Jasmine rice and Pathumtani fragrant rice) and white rice export value. This study employs the revealed comparative advantages (RCA) and constant market share analysis (CMS) by using yearly secondary data from 2002 to 2010. In analyze the revealed comparative advantage, the partner countries of fragrant rice were the United States (U.S.), China, Singapore and Malaysia. The partner countries of white rice were the Iran, Philippines, Japan and Malaysia. In analyzing the constant market share of fragrant rice, Singapore and Malaysia were selected. In the case of white rice, Iran, Philippines, Japan and Malaysia were selected.

The RCA values of Thai fragrant rice in the U.S, China, Singapore and Malaysia for the period of 2008-2010 were 7.0354, 2.3792, 2.4364 and 1.5087, respectively. The RCA values of Thai white rice in Iran, Philippines, Japan and Malaysia for the period of 2008-2010 were 0.3793, 1.6466, 1.1344 and 0.4512, respectively.

The CMS was used to analyze factors affecting on the export value change from Thailand. Comparing 2005-2007 and 2008-2010, the factors affecting on the export value change of fragrant rice from Thailand were world trade effect, interaction effect, competitive effect and market distribution effect, with values of million USD 1,408.76, -413.32, -259.58 and -5.12, respectively. Comparing 2005-2007 and 2008-2010, the factors affecting on the export value change of white rice from Thailand were world trade effect, interaction effect, competitive effect and market distribution effect, with values of million USD 875.81, -137.60, -130.92 and -35.89, respectively.

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Thesis Advisor's signature