

Orapun Punkiew 2010: The Study of Synthetic Fiber Industry in Thailand. Master of Economics, Major Field: Economics, Department of Economics. Thesis Advisor: Ms. Wallapak Polasub, Ph.D. 133 pages.

The thesis of this study is to estimate the factors influencing the equilibrium price and quantity of synthetic fiber industry in Thailand. Using secondary data from 1991 to 2008, the study applies the Two – Stage Least Square (TSLS) method to estimate the factors affecting the equilibrium price and quantity of synthetic fiber industry in Thailand.

The results show that previous year consumption of synthetic fiber in Thailand , raw materials price, the value of imported machinery and exchange rate positively influence the equilibrium price. When previous year consumption of synthetic fiber in Thailand, raw materials price, the value of imported machinery and exchange rate increase (decrease) by 1 Baht, the equilibrium price will increase (decrease) by 0.09, 0.52, 0.005 and 0.51 Baht, respectively.

In addition, the factors negatively affecting the equilibrium price of synthetic fiber are previous year synthetic fiber price, number of synthetic fiber factory and synthetic yarn price. When these factors increase (decrease) by 1 Baht , the equilibrium price will decrease (increase) by 0.30, 2.28 and 0.24 Baht, respectively.

The analysis of the equilibrium quantity of synthetic fiber in Thailand shows that when raw material price, the value of imported machinery, number of synthetic factory, cotton price and price of synthetic yarn increase (decrease) by 1 Baht, the equilibrium quantity will increase (decrease) by 3.62, 0.03, 12.70, 1.38 and 0.87 Thousand tons, respectively.

From the study, the increase measure or policy for stimulate to support to use raw - material in Thailand for decrease cost. And the last one to use policy about special privilege for middle stream of textile. If increase in Baht, stimulate about this policy will be good to equilibrium price and equilibrium quantity of synthetic fiber in Thailand.

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Thesis Advisor's signature