

Wirada Binram 2009: Analysis of Supply Response for Coffee Production in Southern Region of Thailand. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resources Economics. Thesis Advisor: Associate Professor Sanit Kao-ian, M.S. 85 pages.

The main objectives of this thesis are to study the existing situation of production and marketing of coffee in the southern region of Thailand. Also to analyze supply response In Southern Region of Thailand. Used model estimates supply response of coffee to the factors of production and other important factors with multiple regression method to estimate coefficients.

The result of the study indicated that factors affecting coffee cultivation area in southern region of Thailand were coffee prices in the current year and prices of palm in the current year. At 90 % statistical significance. The elasticities were 0.06265 and -0.06465, respectively, while the variable cost factors were have no statistical significance in response to coffee cultivation area in southern Thailand.

The factors affecting yield per rai of coffee production in the southern region of Thailand were variable cost in a current year. At 90 % statistical significance. The elasticities were 0.38259, respectively, while the another factors that have no statistical significance in response to yield per rai of coffee production in the southern region of Thailand.

The supply response of coffee in southern region of Thailand depended variable cost in a current year. At 95 % statistical significance. The elasticities were 0.33769. And depended on harvested area 3 year ago and palm price in a current year. At 95 % statistical significance with the elasticities were 0.59232 and -0.38085

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Thesis Advisor's signature

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