

Thitikan Sornthanarat 2007: Cost and Return of Arabica Coffee Farming in Amphoe Doi Saket Changwat Chiang Mai. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resource Economics. Thesis Advisor: Associate Professor Sanit Kao-ian, M.S. 104 pages.

The objectives of this study were to study the general investigate characteristics of socio-economics of farmers, analysis investment income and profit per year in investment to produces Arabica coffee in Amphoe Doi Saket Changwat Chiang Mai. Thirty farmers who planted Arabica coffee were interviewed.

The result showed the possibility of farmers to grow Arabica coffee in the studied area. Although the accumulated profit in 10 years was negative indicating the deficit financing of the farmers, however, the net income over cash cost was positive because the income was more than total expense cash. The total average cost per rai of Arabica coffee farming varied significantly from 1 to 10- year-old trees. This is because the behaviors of the farmer to grow the plant were in different manners, such as water application, harvesting, depreciation, opportunity cost and interest including the low number of representative farmers among the plant ages.

THITIKAN SORNTHANARAT

Student's signature

*Sanit Kao-ian*

Thesis Advisor's signature

*28 May 07*