

Nittaya Uputcha 2007: A Financial Analysis of Asparagus Farm Investment in Dan Makham Tia District Kanchanaburi Province. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resource Economics. Thesis Advisor: Assistant Professor Napaporn Phromchana, M.S. 120 pages.

The objectives of this study are to analyze the general socio-economics characteristics of farmers, assess investment, income and economic returns from the investment on the production of asparagus in Dan Makham Tia District, Kanchanaburi Province. Thirty farmers were interviewed by using purposive random sampling. Data on investment were analyzed for financial return to determine the feasibility of the project. The risk and uncertainty were analyzed by switching value test for a span of five years at 9% discount rate.

Analysis on the income and benefit from investment showed that by the average the five-year investment totaled to 61,062.92 baht/rai/year, giving gross income of 96,956.05 baht/rai/year, and income over variable cost was 41,636.25 baht/rai/year and net profit of 35,893.14 baht/rai/year. The financial return from the asparagus production investment for a period of five years was analyzed using economic indicators such as net present value (NPV), benefit-cost ratio (BCR) and internal rate of return (IRR). Result showed a positive NPV at a value of 485,922.60 baht, BCR more than 1 at a value of 2.07 and the IRR was 86.04%. The result of the analysis showed that the asparagus production investment has a low degree of financial risks and proved to be profitable. Therefore, the study showed that investment for asparagus production has to be promoted to farmers and other investors.

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