

ABSTRACT

Thesis Title : Social Returns of Public Investment : A case Study of
The Office of Rubber Replanting Aid Fund

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Rubber is considered as economy plant and also plays outstanding role in agricultural sector in Thailand. In the past, the output per rai was quite low and the government realised and foreseen its potential. The government, therefore declared The Rubber Replanting Aid Fund Act in 1960 as well as founded the organization to help the rubber farmer in replanting by high yielding rubber variety of native rubber so called The Office of Rubber Replanting Aid Fund. Nowaday the replanting of new rubbers yield the productivity per rai much higher than the native one and its productivity trend been growing up. However, such mission wasted a lot of money for the relevant activities. Therefore, this study is aimed into two aspects, firstly, is to study social returns in government investment for replanting aid on behalf of The Office of Rubber Replanting Aid Fund. Secondly, is to study the ratio of the dispersion for producer benefit and consumer benefit.

The study is also applied for production structure, consumption and marketing. As for the analysis of cost and benefit from the operations the

quantitative method is employed by using net present value analysis (NPV) Benefit – Cost ratio (B-C ratio) and calculation of the area derived from demand and supply elasticities for rubber. Such quantitative analysis utilised from secondary data as of 1962 through 1995

The major findings are as follows : social returns dispersed to the consumer more rather than producer, the consumer received 68% and the producer 32% respectively.

As for the study of the social returns in government investment in rubber replanting aid of The Office of Rubber Replanting Aid Fund found that, at the discount rate 12% NPV was 29.87 million baht and the ratio of benefit - cost ratio was 17.25. We can conclude that the operations of the rubber replanting aid of The Office of Rubber Replanting Aid Fund received pay back from investment satisfactorily in terms of economics aspect and should continue.