ABSTRACT

AN ANALYSIS OF COMPETITIVE AND COMPARATIVE ADVANTAGES OF MANGOSTEEN (Garcinia mangostana L.) FARMING SYSTEM RESPECTIVELY IN TANGGAMUS DISTRICT

by

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The study aims to (1) analyze the competitive and comparative advantages in farming mangosteen Tanggamus, (2) analyze the sensitivity of competitive and comparative advantages in farming mangosteen Tanggamus to changes in input prices and output.

This research was carried out in Tanggamus District. The respondent of this research was 45 farmers. The respondent was chosen using simple random sampling according to the age of plants. The study employs PAM (Policy Analysis Matrix). The sensitivity analysis was used to elaborate the analysis.

The results showed that (1) mangosteen farming in Tanggamus have a competitive advantage (indicated by the value of PCR (Private Cost Ratio) 0.349) and comparative advantage (by DRCR (Domestic Resource Cost Ratio) 0.494). Private and social advantages received respectively Rp55,511,036 and Rp114,266,941. The cost of farming consists of tradable inputs and domestic factors. Tradable inputs including fertilizer urea, SP-36, KCL, and pesticides. Domestic factors include labor, capital and land. (2) competitiveness of mangosteen farming in Tanggamus sensitive to a decrease in production output of 20% and a decrease in output prices by 30%.

Keywords: competitiveness, Tanggamus District, Mangosteen, PAM.