

ABSTRACT

AVI BUDI SETIAWAN. The development of food crop commodity, paddy, corn and soybeans at Grobogan Regency in 2011.

The development of agricultural sector needs to be applied to improve the agricultural sector either to increase the production of output or its quality as well as to improve the wealth of farmers. Therefore, agricultural sector is expected to have better competitiveness. The strategies for the development of agricultural sector require to be well-planned to cope with existing problems comprehensively. The objectives of the research are 1) to analyze the existing farming condition of paddy, corn and soybeans plantation in Grobogan Regency; 2) to analyze the production factors influencing the production of paddy, corn and soybeans farming; 3) to analyze the efficiencies level for the using of production factors in paddy, corn and soybeans farmings at Grobogan regency; 4) to formulate a strategy for development food crop superior commodities (paddy, corn and soybeans at Grobogan Regency according to the farming efficiency approach

The research employed quantitative and qualitative method to analyze the completed by using frontier and AHP analysis technique. Proporsional area sampling method was used in the research. There were 100 respondents interviewed for farm efficiencies calculation and 24 key persons for AHP analysis.

This research were obtained some result among others, that the condition of food crop (paddy, corn, and soybeans) farmers at Grobogan Regency dominated by old farmers, low educational background, and still running tradisional farming activities and hereditary. The production factors that influenced on commodities production (paddy, corn, and soybeans) is land area, urea fertilizer, TSP fertilizer, phonska fertilizer, medicine type 1, medicine type 2, and employee. Paddy, corn, and soybeans farming are inneficientboth technique, price, and economic efficient level. Development strategy for paddy, corn, and soybeans farming in order of priority rank is as follows: for paddy commodity the development priority strategy is factors production aspect, post harvest aspect, cultivating aspect, institutional aspect, and government policy aspect; for corn commodity the priority aspect is production factor aspect, cultivating aspect, post harvest aspect, government aspect, and the last is institutional aspect; for soybeans commodity that became priority aspect is production factors aspect, cultivating aspect, post harvest aspect, institutional aspect, and government policy aspect.

The recommendation from this research is the government and interested parties be expected to applied the policy according to this research.

Keywords: Development, food crop commodity (paddy, corn, and soybeans), efficiency