Abstract

This paper aims to measure input-oriented technical efficiencies and productivity changes of 5 agricultural products: Para Rubber, Oil Palm, Durian, Mangosteen and Rambutan, produced by 14 provinces in the South of Thailand from 2005 to 2007. The method of Data Envelopment Analysis (DEA) was applied to measures the input-oriented technical efficiencies, Malmquist index was calculated to measures productivity changes. The results show that technical efficiencies in the 14 provinces were close to each other but their productivity changes were generally reducing which was the result of unimproved in technology of using input.