

ABSTRACT

THE ANALYSIS OF ECONOMIC EFFICIENCY AND COMPETITIVE ABILITY OF HYBRID PADDY IN BUMI RATU NUBAN SUB DISTRICT OF LAMPUNG TENGAH REGENCY

By

Agnes Luliana¹, M Irfan Affandi², Suriaty Situmorang²

The objective of this research is to find out the economic efficiency, competitive ability, sensitivity of farming business, and the effects of government policies to hybrid paddy business in Bumi Ratu Nuban sub district of Lampung Tengah regency.

This research was conducted in Bumi Ratu Nuban sub district in Lampung Tengah regency. Samples were 40 respondents distributed in four villages with wide paddy field areas; they were Bumi Ratu, Tulung Kakan, Sido Waras, and Suka Jawa villages, and samples were taken using representative sampling method. This was conducted with consideration that respondents in the research location had homogeneity in terms of farming business in technical irrigation paddy field, and farmers growth the same variety of hybrid paddy (DG 1 SHS), but they were different in field wide, the instruments to use, amount of fertilizer to use, amount of work force, and field productivity level. Data were collected in March to August 2011. The data was analyzed by using PAM (*Policy Analysis Matrix*).

The results showed that: (1) hybrid paddy business in Bumi Ratu Nuban of Lampung Tengah regency was profitable and economically efficient, (2) hybrid paddy business in Bumi Ratu Nuban of Lampung Tengah regency had competitive ability (PCR = 0.30795, and DRC = 0.40908), (3) hybrid paddy business in Bumi Ratu Nuban of Lampung Tengah regency was only sensitive to the increasing of dried harvested paddy price and total production cost, and (4) effect of government policy on input-output indicates that the government policy on the price of dried harvested paddy and fertilizer subsidies to be effective in protecting the hybrid paddy farmers.

¹ Student of Agricultural Social and Economy Department of Faculty of Agriculture in Lampung University

² Lecturer of Agricultural Social and Economy Department of Faculty of Agriculture in Lampung University