

ABSTRACT

This research was conducted at the Oyster Mushroom Farming of Batalyon Arhanud 5 in Pulo Rungkom Village, Dewantara District, North Aceh Regency. The study aimed to analyze farm income, identify production risks, and analyze the relationship between production risk and farm income. Primary and secondary data were collected through observation, interviews, questionnaires, and literature study. Data were analyzed using income analysis, standard deviation, coefficient of variation (CV), and lower limit analysis. The results showed revenue of IDR 18,000,000, production costs of IDR 12,176,772, and income of IDR 5,823,228 per production cycle. Average production was 50 kg per week, with a standard deviation of 10.42 kg and a CV of 0.208, indicating a low production risk. The lower limit of production was 29.16 kg. Production risk was related to farm income through changes in production quantity that affected farm revenue.

Keywords: *Oyster Mushroom Farming, Production Risk, Farm Income, Coefficient Of Variation.*