

***The Effect of Giving Saccharomyces cerevisiae Yeast on the Percentage of Carcass and Non-Carcass in Selected Native Chickens at Jember State Polytechnic***

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**ABSTRACT**

*This study aims to evaluate the effect of giving Saccharomyces cerevisiae yeast in feed on the percentage of carcasses and non-carcasses of selected native chickens. There were 4 treatments, each treatment was repeated 4 times to obtain 16 experimental units. Each experimental unit was given 7 selected native chickens so that 112 chickens were needed. The treatments used in this study included P0 (control feed without S. cerevisiae yeast), P1 (feed containing 1.5 g/kg S. cerevisiae yeast), P2 (feed containing 2 g/kg S. cerevisiae yeast), P3 ( The feed contains the yeast S. cerevisiae 2.5 g/kg). Using the Completely Randomized Design (RAL) method and if there are results that show a significant difference, it will be continued with the Least Significant Difference (LSD). Parameters observed included live weight, carcass percentage and non-carcass percentage. The results showed that it had no real effect on live weight and non-carcass percentage, but had a significant effect on carcass percentage. Giving the right dose of Saccharomyces cerevisiae yeast can provide optimal results, according to this research the right dose is at the level of 2.0 g/kg with better carcass percentage results.*

**Keywords :** *selected native chickens, yeast S. cerevisiae, live weight, carcass, non-carcass*