

***THE EFFECT OF MIX FEED ADDITIVE (Bile acid and Yeast
Saccharomyces cerevisiae) IN THE FEED
OF LAYER DUCK PERFORMANCE***

Al Muzaki Yahya

*Study Program of Poultry Business Management
Majoring of Animal Husbandry*

ABSTRACT

The purpose of this study was to determine the effect of mix bile acid and yeast Saccharomyces cerevisiae in rations on the performance of laying ducks. Using an experimental method with a completely randomized design (CRD), with 4 treatments and 5 replications, each replication consisted of 5 laying ducks, thus requiring 100 laying ducks. The treatments used consisted of P0 as a control (without bile acid and yeast Saccharomyces cerevisiae), P1 with a dose (1 g / kg of feed), P2 with a dose (2 g / kg of feed), and P3 with a dose (3 g / kg of feed).). The parameters observed consisted of feed consumption, feed conversion, and egg production. This study uses the Analysis of Variance (ANOVA). The results showed that giving bile acid and yeast Saccharomyces cerevisiae to the ration had no significant effect on feed consumption, but had a significant effect on feed conversion and egg production. It can be concluded that giving bile acid and yeast Saccharomyces cerevisiae to the feed at a dose of 3 g / kg of feed gave optimal results among other doses on the performance of laying ducks.

Keywords: *Feed, Yeast Saccharomyces cerevisiae, Bile Acid, Performance, Laying Ducks.*