

***The Physical Quality of Layer Chicken Egg that Given Feed Contaminated by
Aflatoxin B1 With Yeast Saccharomyces cerevisiae Addition
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ABSTRACT

This research aims to determine the effect of aflatoxin B1 contaminated on feed with yeast saccharomyces cerevisiae addition toward physical quality of layer chicken eggs. The sample in this research was 80 chickens of Isa Brown strain. The parameters in this research were weight of egg, eggwhite index, yolk index, haugh unit thickness of eggshell, and color of yolk. The data was analyzed by Completely Randomized Design (CRD) consisted 4 treatments and 4 replications. The level of yeast saccharomyces cerevisiae giving were 0,5g/kg feed, 1g/kg feed by aflatoxin contamination of 29 ppb. The result of this research shows that giving of aflatoxin B1 of 29 ppb contamination on feed with yeast saccharomyces cerevisiae addition is significant on the thickness of eggshell and non significant to other variables. The addition of yeast can reduce eggshell depletion given the consumption of aflatoxin B1.

Key words : *Aflatoxin B1, Layer Chicken, Physical Quality of Egg, Thickness of Eggshell, Yeast Saccharomyces Cerevisiae*