EFFECT OF INCREASED BIO-EMULSIFIER FROM Pseudomonas fluorescens ON THE FEED TO PERFORMANCE BROILER

Misbahul Jannah
Study Program of Poultry Business Management
Majoring of Animal Husbandry

ABSTRACT

This research aim to determine the effects of a Bio-emulsifier from Pseudomonas fluorescens on the feed containing oil on broiler performance. The data was analyzed by Completely Randomized Design consisted 4 treatments and 5 replication. The bio-emulsifier level given was P0= Control feed without Bio-emulsifier, P1 = 0.5 g/kg of feed, P2 = 1 g/kg of feed, P3 = 1.5 g/kg of feed. The parameters of this research were feed consumption (g), body weight gain (g), and feed conversion. The results of this research showed a significant difference (P < 0.05) on feed consumption. The conclusion from this research is the increased bio-emulsifier from Pseudomonas fluorescens on feed consumption, at concentration of 0.5 g/kg feed obtained low feed consumption is 2026.36 g/tail with feed conversion of 1.75.

Keywords: Oil, Energy, Bio-emulsifier, Pseudomonas fluorescens, Broiler