

PROBIOTIC (COMBINATION OF *Lactobacillus sp*, *Saccharomyces cerevisiae*, *Streptomyces albus*, *Bacillus subtilis* BACTERIA) INFLUENCE TOWARD FEED CONVERSION OF BROILER

Tommy P. Jaya

Abstract

This research aimed to determine the effect of probiotic (combination of *Lactobacillus sp*, *Saccharomyces cerevisiae*, *Streptomyces albus*, and *Bacillus subtilis* bacteria) influence toward feed conversion of broiler. Experimental design used in this research was Completely Randomized Design which it consisted of four treatments and five replications, namely P0, P1, P2, P3. Probiotic dosages was 0, 0.5, 1, 2 cc, respectively, oral route administrated. Experimental animals was used male Cobb strain broilers aged two weeks. Data drawn from this study were feed intake and body weight gain in order to calculate the feed conversion. The data obtained were tabulated and analyzed by ANOVA ($\alpha = 5\%$) and followed by Duncan's multiple range test 5% when there were significantly differences. Research results there were significantly differences among treatments on broiler feed conversion. however the best result was in treatment P2 (1cc probiotic).

Keywords: Probiotic, Broiler, Conversion