

**THE EFFECT OF ADDITIONAL PROBIOTIC BACTERIA *Bacillus subtilis* IN
FEED ON THE PERCENTAGE OF CARCASS, ABDOMINAL FAT AND
ORGANS IN BROILER CHICKEN**

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ABSTRACT

*The purpose of this study was to determine the effect of adding probiotic *Bacillus subtilis* in feed to the proportion of carcass, abdominal fat and internal organs of broiler chickens. The material used in the study was 250 MB 202 broiler DOC. The cages used are open houses on stilts and insulated by using bamboo screens as many as 25 partitions. The method used in this study used a completely randomized design (CRD). The treatments in this study were 5 treatments with 5 replications and each replication consisted of 10 tails. Analysis of the data using the Analysis of variance, if the real difference is followed by the Least Significant Difference Analysis. The treatments in the study were P0 (feed without probiotics), P1 (feed + 0.05% probiotic *Bacillus subtilis*), P2 (feed + 0.10% probiotic *Bacillus subtilis*), P3 (feed + 0.15% probiotic *Bacillus subtilis*) , and P4 (feed + 0.20% probiotic *Bacillus subtilis*). Parameters observed included the percentage of carcass, abdominal fat and internal organs. The results showed that the addition of feed with *Bacillus subtilis* 6.56×10^5 CFU/g as a probiotic did not have a significant effect compared to the control treatment. The addition of probiotics up to 0.20% in the feed did not affect the proportion of carcass, abdominal fat, and internal organs of broiler chickens.*

Key words: *Broiler Chicken, *Bacillus subtilis* Probiotics, Carcass Percentage, Abdominal Fat*