THE EFFECT OF GIVING PROBIOTIK WITH THE MIX OF *Lactobacillus sp.* AND *Saccharomyces cerevisiae* TO BROILER'S WEIGHT GAIN

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ABSTRACT

The aim of this study was to determine the supplementation effect of probiotic, which contain *Lactobacillus sp.* and *Saccharomyces cerevisiae*, to broiler's weight gain. Twenty broilers, 21 days old, were randomly divided into 4 experimental groups, P0: controls, P1: broilers with drink supplemented by probiotic dosage 2 cc/liter, P2: broilers with drink supplemented by probiotic dosage 3 cc/liter, and P3: broilers with drink supplemented by probiotic dosage 4 cc/liter. Broilers were weighed at the end of treatment, 35 days. The value then were tabulated and analyzed by F test (α = 0.5%) continued with Honestly Significant Different Test (HSD 0.5%) to confirmed any influence between treatment. The result showed that the supplementation of probiotic which contain *Lactobacillus sp.* and *Saccharomyces cerevisiae* within broiler’s drink has highly significant effect (p<0.1) to the broiler’s weight gain.

Keywords : Probiotic, Broilers, *Lactobacillus sp.*, *Saccharomyces cerevisiae*, Weight gain