

THE EFFECT OF OAT (*Avena sativa*) ON BLOOD TRIGLYCERIDE LEVELS OF BROILER

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ABSTRACT

The purpose of this study was to determine the utilization of oats (*Avena sativa*) in feed on broiler blood triglyceride. A completely randomized design was used three treatments of oats; they were P1 (0% of oats); P2 (5% of oats); and P3 (10% of oats) and eight replications. The material used in this study was 24 broiler strain CP 707, raised from DOC (Day Old Chick) until the age 36 days. The starter feed was BR-1 produced by PT. Japfa Comfeed Indonesia. Variables measured were blood triglyceride. The data was analyzed with Analysis of Variance (ANOVA), difference result was followed by Duncan's multiple range test. The result treatments variation in feed not significant influence ($P > 0,05$) the levels of triglyceride in broiler. The parameter of triglyceride, the result are (P1 $36,1 \pm 12,0$ mg/dl), (P2 $35,0 \pm 15,4$ mg/dl), (P3 $29,0 \pm 18,7$ mg/dl). Based on result and discussion, addition oats on feed can react blood triglyceride in broiler.

Key words: triglyceride, oats, broiler