

EFEK HERBAL PROFILAKSIS TEPUNG DAUN KARET (*Hevea brasiliensis*) TERHADAP LEUKOGRAM AYAM BROILER

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Abstrak. Penelitian ini bertujuan untuk mengetahui efek herbal profilaksis daun karet (*Hevea brasiliensis*) terhadap leukogram ayam broiler yang diberi perlakuan penambahan tepung daun karet dengan level yang berbeda. Materi yang digunakan 200 ekor Day old chick (DOC) unsex strain MB 202 dan pakan yang digunakan adalah pakan komersil merk bravo 611no-AGP. Penelitian ini menggunakan rancangan acak lengkap (RAL) dengan 4 perlakuan yaitu PO (0%), P1(5%), P2(7,5%), P3 (10%) dan 5 ulangan setiap ulangan terdiri dari 10 ekor ayam. Peubah yang diamati meliputi jumlah leukosit, Presentase deferensial leukosit, dan jumlah leukosit diferensial. Data yang diperoleh dianalisis menggunakan analisis varians (ANOVA), jika berpengaruh signifikan dilanjutkan dengan uji jarak berganda Duncan. Hasil penelitian menunjukkan bahwa penambahan tepung daun karet (*Hevea brasiliensis*) ke dalam pakan komersial tidak berpengaruh nyata ($P>0,05$) terhadap jumlah total leukosit dan diferensial leukosit ayam broiler yang dipelihara selama 28 hari. Dapat disimpulkan bahwa penggunaan tepung daun karet (*Hevea brasiliensis*) hingga 10% tidak memberikan pengaruh yang sangat nyata terhadap jumlah total leukosit dan diferensial leukosit ayam broiler.

Kata kunci: ayam pedaging, daun karet, deferensial leukosit, leukosit

Abstract. This study aims to determine the effect of prophylactic herbal rubber leaf (*Hevea brasiliensis*) on the leukogram of broiler chickens treated with the addition of rubber leaf flour with different levels. The material used was 200 Day old chicks (DOC) unsex strain MB 202 and the feed used was commercial feed brand Bravo 611no-AGP. This study used a completely randomized design (CRD) with 4 treatments, namely PO (0%), P1 (5%), P2 (7.5%), P3 (10%) and 5 replicates each consisting of 10 chickens. The observed variables included the number of leukocytes, the percentage of differential leukocytes, and the number of differential leukocytes. The data obtained were analyzed using analysis of variance (ANOVA), if it had a significant effect, it was continued with Duncan's multiple distance test. The results showed that the addition of rubber leaf meal (*Hevea brasiliensis*) into commercial feed had no significant effect ($P>0.05$) on the total leukocyte count and leukocyte differential in broilers reared for 28 days. It can be concluded that the use of rubber leaf flour (*Hevea brasiliensis*) up to 10% did not have a very significant effect on the total leukocyte count and leukocyte differential in broiler chickens.

Keywords: broilers, rubber leaf, leukocytes, differential leukocytes