

EFEK PEMBERIAN TEPUNG KULIT BUAH NAGA MERAH (*Hylocereus Polyrhizus*) TERHADAP PERFORMA KARKAS BROILER

Oleh :

Maudy Nur Halifah

RINGKASAN

Karkas broiler adalah hasil potongan ternak broiler setelah dikurangi darah, bulu, dan giblet. Berbagai cara dapat dilakukan untuk meningkatkan performa karkas broiler melalui pakan diantaranya menggunakan bahan pakan alami asal limbah seperti kulit buah naga merah. Penelitian ini bertujuan untuk menganalisis efek pemberian tepung kulit buah naga merah (*Hylocereus polyrhizus*) terhadap performa karkas broiler. Penelitian ini dilaksanakan pada bulan Agustus – September 2023 di kandang Politeknik Negeri Lampung. Penelitian dilakukan dalam rancangan acak lengkap (RAL), terdiri atas 3 perlakuan dan 6 ulangan. Setiap ulangan berisi 5 ekor broiler sehingga ada 90 ekor broiler. P0 = 0,0 % tepung kulit buah naga merah (*Hylocereus polyrhizus*), P1 = 3,0 % tepung kulit buah naga merah (*Hylocereus polyrhizus*), P2 = 6,0 % tepung kulit buah naga merah (*Hylocereus polyrhizus*). Berdasarkan hasil dan pembahasan maka dapat disimpulkan bahwa pemberian tepung kulit buah naga merah sampai dengan taraf 6 % pada formulasi ransum berpengaruh nyata terhadap performa karkas broiler.

Kata Kunci : Karkas Broiler, Buah Naga Merah

EFFECT OF RED DRAGON FRUIT (*Hylocereus Polyrhizus*) IN BROILER CARCASS PERFORMANCE

By :
Maudy Nur Halifah

ABSTRACT

Broiler carcasses are the result of broiler cattle cuts after deducting blood, feathers, and giblets. Various ways can be done to improve the performance of broiler carcass through feed, including using natural feed materials from waste such as red dragon fruit peels. This study aims to analyze the effect of giving red dragon fruit peel flour (*Hylocereus polyrhizus*) on the performance of broiler carcasses. This research was carried out in August – September 2023 at the Lampung State Polytechnic. The study was conducted in a complete randomized design (RAL), consisting of 3 treatments and 6 replicates. Each replicate contains 5 broilers so there are 90 broilers. P0 = 0.0% red dragon fruit peel flour (*Hylocereus polyrhizus*), P1 = 3.0% red dragon fruit peel flour (*Hylocereus polyrhizus*), P2 = 6.0% red dragon fruit peel flour (*Hylocereus polyrhizus*). Based on the results and discussion, it can be concluded that the administration of red dragon fruit peel flour up to the level of 6% in ration formulation has a real effect on the performance of broiler carcasses.

Keywords: Broiler Carcass, Red Dragon Fruit