

**PERFORMA AYAM BROILER  
DENGAN PENGGUNAAN POLLARD SEBAGAI PENGGANTI  
BEKATUL DALAM PAKAN**

Oktaviar Rahmat  
98/121959/PT/03636

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**INTISARI**

Penelitian ini bertujuan untuk mengetahui pengaruh substitusi bekatul dengan pollard dalam pakan ayam broiler umur 0-6 minggu terhadap kinerja pertumbuhan. Sebanyak 108 ekor betina DOC ayam broiler *strain Lohmann* dibagi secara acak dalam empat kelompok perlakuan, masing - masing perlakuan terdiri dari tiga ulangan dan setiap ulangan menggunakan 9 ekor ayam broiler. Perlakuan I (P-1) adalah pakan dengan kandungan pollard 30% dan bekatul 0%, perlakuan II (P-2) adalah pakan dengan kandungan pollard 20% dan bekatul 10%, perlakuan III (P-3) adalah pakan dengan kandungan pollard 10% dan bekatul 20% dan perlakuan IV (P-4) adalah pakan dengan kandungan pollard 0% dan bekatul 30%. Data yang diambil meliputi : total konsumsi pakan, total konversi pakan (FCR), berat badan akhir dan pertambahan bobot badan. Data diperoleh dianalisis dengan analisis variansi dari Rancangan Acak Lengkap Pola Searah. Apabila menunjukkan perbedaan maka dilanjutkan dengan uji beda mean dengan uji *Duncan's Multiple Range Test* (DMRT). Hasil penelitian menunjukkan perbedaan tidak nyata pada konsumsi pakan, bobot badan akhir dan pertambahan bobot badan, namun memberikan perbedaan yang nyata ( $p < 0,05$ ) pada konversi pakan (FCR). Hasil penelitian ini dapat disimpulkan bahwa penggunaan pollard sampai dengan level 30% pada pakan ayam broiler memperbaiki nilai konversi pakan (FCR).

(Kata kunci : Bekatul, Pollard, Ayam Broiler, Kinerja Pertumbuhan)

**SUBSTITUTION OF RICE BRAN WITH POLLARD  
IN THE DIETS ON GROWTH PERFORMANCE OF BROILER**

Oktaviar Rahmat  
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**ABSTRACT**

The research aimed to know the effect of pollard and rice bran substitution in diets on growth performance of 0-6 weeks old broilers. One hundred and eight female of DOC broilers Lohmann strain were randomly divided into four dietary treatments in three replications with nine birds each. The treatments were P-1 diet with pollard 30% and rice bran 0%, P-2 diet with pollard 20% and rice bran 10%, P-3 diet with pollard 10% and rice bran 20%, and P-4 diet with pollard 0% and rice bran 30%. The data were statistically analyzed by analysis of variance of completely randomized design and differences among means were tested by Duncan's Multiple Range Test (DMRT). The results showed there were no significant differences on total feed consumption for P-1, P-2, P-3 and P-4 the value of which were 3277.63, 3306.80, 3231.08 and 3206.26 g, final body weight which were 1369.86, 1363.65, 1382.92 and 1148.15 g, and body weight gain which were 1328.88, 1320.89, 1341.81 and 1107.58 g respectively. Significant differences was shown on total feed conversion ratio ( $p < 0,05$ ) for P-1, P-2, P-3 and P-4 which were 2.47, 2.52, 2.41 and 2.92. It can be concluded that pollard could be used up to 30% in diet of broiler and the use of pollard within the diet resulted in the improvement of feed conversion ratio.

(Key words: Bran, Pollard, Broiler, Growth Performance)