

**PENGARUH PEMBERIAN TEPUNG APU-APU (*Pistia Stratiotes*)
TERHADAP PERFORMAN AYAM KAMPUNG SUPER**

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INTISARI *)

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian tepung apu-apu (*Pistia Stratiotes*) terhadap performan ayam kampung super. Penelitian dilaksanakan pada tanggal 31 Oktober sampai 12 Desember 2023 di kandang milik Pak Yudi di Jl. Jembatan Merah 1 No. 109, Gejayan, Condongcatur, Depok, Sleman, Yogyakarta. Metode yang digunakan dalam penelitian ini adalah metode eksperimen menggunakan Rancangan Acak Lengkap (RAL) dengan 5 perlakuan. Ayam kampung super umur 5 minggu dengan bobot badan rata-rata 375,32 g/ekor sebanyak 75 ekor yang dibagi dalam 5 perlakuan dan diulang 3 kali, setiap ulangan berjumlah 5 ekor. Perlakuan tersebut yaitu P0 tanpa pemberian tepung apu-apu, P1 pemberian tepung apu-apu sebanyak 1,5%, P2 pemberian tepung apu-apu sebanyak 3%, P3 pemberian tepung apu-apu sebanyak 4,5% dan P4 pemberian tepung apu-apu sebanyak 6 %. Variabel yang diamati meliputi konsumsi pakan, pertambahan bobot badan, konversi pakan, *Income Over Feed Cost* (IOFC) dan *Indeks Performance* (IP). Data dianalisa dengan analisis variansi, bila terdapat perbedaan yang nyata antara perlakuan maka diuji lanjut dengan *Duncan's Multiple Range Test* (DMRT). Rerata nilai konsumsi pakan P0 : 268.17, P1 : 264.49, P2 : 264,57, P3 : 265.45, P4 : 264.71 g/ekor/minggu. Rerata nilai pertambahan bobot badan P0 : 131.59, P1 : 124.49, P2 : 124.18, P3 : 125.43, P4 : 126.10 g/ekor/minggu. Rerata nilai konversi pakan P0 : 2.10, P1 : 2.21, P2 : 2.22, P3 : 2.19, P4 : 2.18. Rerata nilai *Income Over Feed Cost* (IOFC) P0 : Rp. 20097.38, P1 : Rp. 18299.43, P2 : Rp. 18492.37, P3 : Rp. 18705.02, P4 : Rp. 18338.21. Rerata nilai *Indeks Performance* (IP) P0 : : 94.29, P1 : 86.40, P2 : 86.28, P3 : 86.89 dan P4 : 86.21. Hasil penelitian menunjukkan bahwa pengaruh pemberian tepung apu-apu terhadap performan ayam kampung super tidak berpengaruh nyata ($P>0,05$) terhadap konsumsi pakan. Sedangkan pada pertambahan bobot badan, konversi pakan, *Income Over Feed Cost* (IOFC) dan *Index Performance* (IP) berpengaruh nyata ($P<0,05$). Disimpulkan bahwa Tepung Apu-apu (*Pistia Stratiotes*) dapat digunakan dalam ransum ayam kampung super sampai 6 % untuk menggantikan dedak dan bungkil kedelai.

Kata kunci : Ayam Kampung Super, *Pistia Stratiotes*, Performa

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THE EFFECT OF APU-APU (*Pistia Stratiotes*) MEAL GIVING ON KAMPUNG SUPER CHICKEN PERFORMANCE

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ABSTRACT *)

This study aims to determine the effect of apu-apu (*pistia stratiotes*) meal giving on kampung super chicken performance. The research was conducted from 31 October to 12 December 2023 at Mr. Yudi's stable on Jl. Jembatan Merah 1 No. 109, Gejayan, Condongcatur, Depok, Sleman, Yogyakarta. The method used in this study was the experimental method using a completely randomized design (CRD) with 5 treatments. Chickens super were used as many as 75 heads which were divided into 5 treatments and repeated 3 times, each repetition totaling 5 tails. The treatment was P0 without apu-apu flour, P1 giving 1.5% apu-apu flour, P2 giving 3% apu-apu flour, P3 giving 4.5% apu-apu flour and P4 giving 6% apu-apu flour. The variables observed included feed consumption, body weight gain, feed conversion, Income Over Feed Cost (IOFC) and Performance Index (IP). Data analysis with analysis of variance, if there is a significant difference between the treatments then tested further with Duncan's Multiple Range Test (DMRT). Mean value of feed consumption P0 : 268.17, P1 : 264.49, P2 : 264.57, P3 : 265.45, P4 : 264.71 g/head/week. Mean body weight gain P0 : 131.59, P1 : 124.49, P2 : 124.18, P3 : 125.43, P4 : 126.10 g/head/week. The mean value of feed conversion P0 : 2.10, P1 : 2.21, P2 : 2.22, P3 : 2.19, P4 : 2.18. Average value of Income Over Feed Cost (IOFC) P0: Rp. 20097.38, P1 : Rp. 18299.43, P2 : Rp. 18492.37, P3 : Rp. 18705.02, P4 : Rp. 18338.21. Average value of Performance Index (IP) P0 : 94.29, P1 : 86.40, P2 : 86.28, P3 : 86.89 and P4 : 86.21. It was concluded that Apu-apu flour (*Pistia Stratiotes*) can be used in chicken super rations up to 6% to replace soybean meal and bran.

Keywords : Chicken Super, *Pistia Stratiotes*, Performance

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