

PENGARUH PENGGUNAAN TEPUNG DAUN ECENG GONDOK  
(*Eichoxnia crassipes*) DALAM PAKAN TERHADAP  
KINERJA ITIK TURI

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Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan tepung daun (TD) Eceng gondok (*Eichornia crassipes*) dalam pakan terhadap kinerja itik Turi. Enam puluh tiga ekor itik Turi dibagi menjadi tiga perlakuan ; P0 (0% TD Eceng gondok), P5 (5% TD Eceng gondok) dan P10 (10% TD Eceng gondok). Tiap perlakuan diulang tiga kali dengan masing-masing ulangan terdiri dari tujuh ekor itik. Pakan dan air minum diberikan secara *ad libitum*. Variabel yang diamati meliputi konsumsi pakan, konsumsi energi, konsumsi protein, produksi telur, berat telur dan konversi pakan. Data yang diperoleh diuji dengan analisis variansi menggunakan rancangan acak lengkap pola searah (*Completely Randomized Design*) dan apabila terdapat perbedaan dilanjutkan dengan uji *Duncan's Multiple Range Test* (DMRT). Hasil analisis variansi menunjukkan perbedaan yang sangat nyata ( $P < 0,01$ ) untuk konsumsi pakan (P0=145,8; P5=142,6; P10=146,3 g/ekor/hari), konsumsi energi (P0=389,6; P5=372,9; P10=374,7 kcal/ekor/hari), konsumsi protein (P0=26,1; P5=25,4; P10=26,0 g/ekor/hari), produksi telur (P0=58,3; P5=51,8; P10=20,8 %), dan konversi pakan (P0=4,1; P5=4,6; P10=4,8). Sedangkan berat telur menunjukkan perbedaan yang tidak nyata (P0=61,70; P5=61,40; P10=61,30 g/butir). Dari hasil penelitian ini dapat disimpulkan bahwa penggunaan tepung daun eceng gondok dalam pakan itik Turi pada tingkat 5 dan 10% menurunkan kinerja produksi.

(Kata kunci: Eceng Gondok, Itik Turi, Kinerja Produksi)

**THE EFFECT OF USING *ECENG GONDOK* LEAF MEAL (*EICHORNIA CRASSIPPES*) IN RATION ON THE PERFORMANCE OF TURI DUCK**

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**ABSTRACT**

This research was conducted to determine the effect of using *Eceng gondok* leaf meal (*Eichornia crassipes*) as feedstuff on the performance of ducks. Sixty three Turi ducks were divided randomly into three of treatment each of which divided into three replications with seven ducks for each replication. The treatments were P0 (0% of *eceng gondok* leaf meal), P5 (5% of *eceng gondok* leaf meal) and P10 (10% of *eceng gondok* leaf meal). Feed and water were given ad libitum. Variabel being observed were feed intake, protein intake, energy intake, egg production and feed conversion. Data were analyzed using one way variance analyzis and continued with Duncan's Multiple Range Test. The results showed significantly differences ( $P < 0,01$ ) on feed intake ( $P_0=145,8$ ;  $P_5=142,6$ ;  $P_{10}=146,3$  g/day), energy intake ( $P_0=389,6$ ;  $P_5=372,9$ ;  $P_{10}=374,7$  kcal/duck/day), protein intake ( $P_0=26,1$ ;  $P_5=25,4$ ;  $P_{10}=26,0$  g/duck/day), eggs production ( $P_0=58,3$ ;  $P_5=51,8$ ;  $P_{10}=50,8\%$ ), feed conversion ( $P_0=4,1$ ;  $P_5=4,6$ ;  $P_{10}=4,8$ ) and unsignificantly difference for eggs wight ( $P_0=61,7$ ;  $P_5=61,4$ ;  $P_{10}=61,3$  g/egg). Its can be concluded that using of *Eceng gondok* leaf meal as feedstuff on the Turi duck on 5 and 10% decreased the performance of Turi duck.

(Key words: *Eceng Gondok*, Turi Duck, Performance Production)