

**PRODUKSI SUSU KAMBING PERANAKAN ETAWAH
SETELAH LEPAS SAPIH YANG DIBERI TAMBAHAN KONSENTRAT**

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INTISARI

Penelitian ini bertujuan mengetahui pengaruh pemberian konsentrat terhadap produksi susu kambing Peranakan Etawah setelah kambing menyapih anaknya pada umur 2 bulan. Induk yang digunakan adalah 10 ekor kambing laktasi ke-2 (umur 3 sampai 4 tahun). Kambing dibagi menjadi dua kelompok yaitu induk yang diberi hijauan *ad libitum* (K) dan kelompok induk yang diberi hijauan dan tambahan konsentrat sebesar 1% dari berat badan (P). Konsentrat diberikan mulai pada minggu ke-6 setelah beranak selama 60 hari. Hijauan yang digunakan berupa rambanan dan rumput. Pengamatan meliputi : berat badan induk, produksi susu, dan konsumsi pakan. Data hasil penelitian dirata-rata dan dianalisis statistik dengan *t test*. Hasil penelitian antara kelompok Kontrol (K) dan Perlakuan (P) sebagai berikut: produksi susu harian $345,84 \pm 81,11$ ml vs $385,93 \pm 77,44$ ml; konsumsi bahan kering $35,30 \pm 3,27$ gr/kgBB vs $45,13 \pm 3,97$ gr/kgBB; protein kasar $7,12 \pm 0,56$ gr/kgBB vs $7,49 \pm 0,59$ gr/kgBB; Total Digestible Nutrients (TDN) $14,92 \pm 1,39$ gr/kgBB vs $21,88 \pm 1,93$ gr/kgBB. Hasil penelitian antara kelompok Kontrol (K) dan Perlakuan (P) menunjukkan rata-rata produksi susu dan konsumsi protein kasar tidak ada perbedaan secara nyata, namun penambahan konsentrat berpengaruh nyata terhadap konsumsi bahan kering dan *Total Digestible Nutrients* (TDN).

(Kata kunci : Kambing Peranakan Etawah, konsentrat, produksi susu)

**MILK PRODUCTION OF ETAWAH GRADE GOATS AFTER WEANING
PERIOD SUPPLEMENTED WITH CONCENTRATES**

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ABSTRACT

The objective of this experiment was to evaluate the effect of concentrates to milk production of Etawah Grade Goat (EGG) after weaning period. Ten lactating goats were divided into two groups namely C and T. Group C and T were milked after they weaned the kids, group C was fed roughages ad libitum and group T was fed roughages ad libitum and concentrates as much as 1% of body weight for sixty days. The variables measured were milk production, body weight, and feed consumption. Data collected were analyzed by t-test. The result showed: average milk production 345.84 ± 81.11 ml/day(C) vs 385.93 ± 77.44 ml/day(T); dry matter consumption 35.30 ± 3.27 gr/kgBW(C) vs 45.13 ± 3.97 gr/kgBW(T); crude protein 7.12 ± 0.56 gr/kgBW(C) vs 7.49 ± 0.59 gr/kgBW(T); Total Digestible Nutrients (TDN) 14.92 ± 1.39 gr/kgBW(C) vs 21.88 ± 1.93 gr/kgBW (T). Those results showed no significant differences of the average milk production, crude protein consumption between C and T, but there was an effect of concentrates supplementation on dry matter and Total Digestible Nutrients (TDN) consumption.

(Key Words : Etawah Grade Goat, concentrates,
milk production)