

PENGARUH *FLUSHING* TERHADAP KINERJA INDUK KELINCI REX

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INTISARI

Penelitian ini bertujuan untuk mengetahui pengaruh *flushing* terhadap kinerja induk kelinci Rex. Dua belas ekor induk kelinci yang sudah beranak satu kali dibagi menjadi dua kelompok, yaitu kelompok *flushing* dan kontrol. Kelompok *flushing* diberi pakan dengan kandungan protein 22% selama dua minggu setelah menyapih sebelum dikawinkan, sedangkan kelompok kontrol dikawinkan setelah menyapih. Kedua kelompok kelinci dikawinkan pada saat siap untuk kawin. Pakan yang digunakan berupa rendeng dan konsentrat. Data yang didapatkan dianalisis dengan menggunakan metode *Independent Sample T-test*. *Post partum mating* (PPM), *service per conception* (S/C) dan interval kelahiran kelompok *flushing* dan kontrol berturut-turut masing-masing adalah $44,00 \pm 0,00$ dan $37,33 \pm 1,86$ hari, $1,17 \pm 0,41$ dan $1,33 \pm 0,52$ kali serta $75,67 \pm 2,16$ dan $72,17 \pm 3,87$ hari. Hasil penelitian menunjukkan bahwa PPM kelompok *flushing* lebih lama ($P < 0,05$) daripada kelompok kontrol, akan tetapi S/C dan interval kedua kelompok berbeda tidak nyata. *Litter size*, bobot lahir per anak dan total bobot lahir per induk kelompok *flushing* dan kontrol berturut-turut masing-masing adalah $8,50 \pm 1,38$ dan $7,17 \pm 0,75$ ekor, $49,77 \pm 6,80$ dan $55,65 \pm 5,97$ g/ekor serta $420,17 \pm 72,31$ dan $395,83 \pm 24,03$ g/ekor induk. *Litter size*, bobot lahir per anak dan total bobot lahir anak per induk berbeda tidak nyata. Disimpulkan bahwa *flushing* selama dua minggu menggunakan pakan dengan kandungan protein 22% belum dapat meningkatkan kinerja induk kelinci Rex.

(Kata kunci: Kelinci Rex, *Flushing*, Kinerja Induk)

THE EFFECT OF FLUSHING ON THE PERFORMANCE OF REX RABBIT DOES

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ABSTRACT

This study was conducted to observe the effect of flushing on the performance of Rex rabbit does. Twelve heads of Rex rabbit does were divided into two groups, i.e. flushing and control groups. The flushing group were fed with 22% protein level feed for two weeks after weaning prior to mating while the control group were mated after weaning without flushing. Animals were mated when they were ready to mate. Feedstuff used in this study were peanut straw and concentrate. The data collected were analyzed using Independent Sample T-test. Post partum mating (PPM), service per conception (S/C) and kitting interval of flushing and control groups were 44.00 ± 0.00 and 37.33 ± 1.86 days, 1.17 ± 0.41 and 1.33 ± 0.52 times and 75.67 ± 2.16 and 72.17 ± 3.87 days, respectively. PPM of flushing group was longer ($P < 0,05$) than control group but there were no significant differences S/C and kitting interval between both groups. Litter size, kitten weight and litter weight of flushing and control groups were $8,50 \pm 1,38$ and 7.17 ± 0.75 heads, 49.77 ± 6.80 and 55.65 ± 5.97 g/head and 420.17 ± 72.31 and 395.83 ± 24.03 g/doe, respectively. There were no significant differences litter size, kitten weight and litter weight. It is concluded that flushing for two weeks using 22% protein level feed can not improve the performance of Rex rabbit does.

(Key words: Rex Rabbit Does, Flushing, Performance)