

**PERTUMBUHAN PRASAPIH DAN KORELASI HERAT LAHIR DENGAN
HERAT SAPIH ANAK KAMBING PERANAKAN ETTAWA DI
KALIGESING KABUPATEN PURWOREJO, JAWA TENGAH**

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INTISARI

Penelitian ini bertujuan untuk mengetahui pertumbuhan prasapih dan korelasi antara berat lahir dengan berat sapih anak kambing Peranakan Ettawa di Kaligesing, Kabupaten Purworejo. Penelitian ini dilakukan dengan pengamatan dan penimbangan terhadap 55 ekor anak kambing yang berasal dari 35 induk, sejak lahir sampai umur sapih sejak bulan Juni sampai dengan Desember 2003. Pengambilan data dalam penelitian ini meliputi berat lahir, tipe kelaniran, jenis kelamin, berat umur 30, 60 dan 90 hari, data konsumsi pakan induk saat bunting dan laktasi serta berat induk. Dari penelitian diperoleh rerata berat lahir dan berat sapih sebesar $4,718 \pm 0,862$ kg dan $23,657 \pm 3,012$ kg dengan pertambahan berat badan harian 210 ± 32 g/ekor/hari. Terdapat korelasi yang positif nyata antara berat lahir dengan berat sapih ($P < 0,05$) dengan angka korelasi 0,270 dan persamaan garis regresi $y = 19,207 + 0,943 x$.

(Kata kunci: Pertumbuhan Prasapih, Kambing PE, Korelasi)

**PRE WEANING GROWTH AND CORRELATION BETWEEN BIRTH WEIGHT
AND WEANING WEIGHT OF KIDS ETTAWA GRADE IN KALIGESING
PURWOREJO REGENCY, CENTRAL JAVA**

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ABSTRACT

The purpose of these experiment was to determine the pre weaning growth and the correlation between birth and weaning weight of kids Ettawa Grade in Kaiigesing Purworejo regency. These experiment was carried out by observing and weighing 55 kids which were born from 35 does, since they were born until weaned, since June until December 2003. Data of these experiment were birth weight, litter size, sex, kids weight of 30, 60, and 90 days old, as well as feed consumption of pregnant and lactation doe, and that doe weight. The result of these experiment found that birth and weaning weight were $4,718 \pm 0,862$ kg and $23,657 \pm 3,012$ kg, with daily gain weight of 210 ± 32 g/head/day. There's a significantly positive correlation ($P < 0,05$) between birth weight and weaning weight with correlation value of 0,270 by regression trend of $y = 19,207 + 0,943x$.

(Key words: Pre weaning Growth, Ettawa Grade, Correlation)