

INTISARI

PENGARUH *BREED* PEJANTAN TERHADAP BERAT LAHIR ANAK KAMBING DI PETERNAKAN BHUMI NARARYA FARM TURI, SLEMAN, YOGYAKARTA

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Berat lahir kambing dapat mempengaruhi produktivitas kambing. Faktor-faktor yang dapat mempengaruhi berat lahir yaitu genetik dan lingkungan. Penelitian ini bertujuan untuk mengetahui pengaruh *breed* pejantan terhadap berat lahir anak kambing di peternakan Bhumi Nararya Farm Turi, Sleman, Yogyakarta.

Metode yang digunakan yaitu wawancara dan observasi. Wawancara dilakukan kepada pemilik peternakan dan anak kandang. Observasi dilakukan di sekitar lingkungan kandang. Data yang diambil berasal dari beberapa *breed* kambing. *Breed* pejantan yang digunakan adalah Saanen, PE (Peranakan Etawah) dan Alpine. Betina yang digunakan berjumlah 35 ekor yang terdiri dari *breed* Bligon, PE dan Senduro. Data yang didapat kemudian diolah menggunakan Anova dengan $P < 0,05$.

Penghitungan menunjukkan bahwa *crossbreed* menggunakan pejantan Saanen, PE dan Alpine terdapat perbedaan yang signifikan. Rata-rata berat lahir anak dari pejantan Saanen dan PE lebih besar dari rata-rata berat lahir anak dari pejantan Alpine.

Kata kunci: *Crossbreed*, pejantan, berat lahir

ABSTRACT

THE EFFECT OF BUCKS BREED TO THE BIRTH WEIGHT OF GOAT KIDS IN BHUMI NARARYA FARM TURI, SLEMAN, YOGYAKARTA

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Birth weight may affect the productivity of goats. Factors that can affect birth weight are genetic and environment. This study is aimed to find out the effect of bucks breed to the birth weight of goat kids in Bhumi Nararya Farm Turi, Sleman, Yogyakarta.

The methods applied in this study were interview and observation. Interview was conducted to the owner of the farm and the workers. The observation was carried out around the farm. The data was taken from several breeds of goats. Bucks used in this study were Saanen, PE (*Peranakan Etawah*), and Alpine. Meanwhile, the 35 does used in this study were from Bligon, PE and Senduro breeds. The data obtained then were processed statistically using Anova with $P < 0,05$.

The result show that crossbreed using Saanen, PE, and Alpine bucks showed a significant difference. The birth weight average of kids from Saanen and PE bucks is higher than Alpine buck.

Keywords: Crossbreed, buck, birth weight