

RINGKASAN

Perbandingan ukuran linier tubuh kambing Peranakan Etawa jantan dewasa Kaligesing dengan Gumelar. Penelitian dilakukan di Kecamatan Kaligesing Purworejo dan Kecamatan Gumelar Banyumas. Penelitian ini bertujuan untuk mengetahui dan mengkaji perbedaan ukuran linier tubuh kambing Peranakan Etawa jantan dewasa yang dipelihara di daerah Kaligesing dan Gumelar. Materi yang digunakan meliputi kambing Peranakan Etawa jantan dewasa umur 12-18 bulan. Variabel yang diukur dalam penelitian adalah panjang badan, tinggi pundak dan lingkar dada. Metode penelitian ini menggunakan metode survei dengan penetapan sampel secara *snowball sampling*.

Hasil penelitian menunjukkan bahwa ukuran linier tubuh kambing PE jantan dewasa Kaligesing dan Gumelar berbeda. Tinggi pundak kambing PE antara dua lokasi tersebut berbeda nyata ($P < 0,05$) sedangkan ukuran panjang badan dan lingkar dada berbeda sangat nyata ($P < 0,01$). Kambing PE jantan dewasa di daerah Kaligesing lebih besar dari Gumelar. Perbedaan tersebut dikarenakan faktor lingkungan, manajemen pemeliharaan dan genetik yang berbeda antara dua wilayah tersebut, Kaligesing lebih unggul dari Gumelar. Lingkungan di Kaligesing lebih tinggi sehingga mempengaruhi ketersediaan pakan hijauan. Manajemen pemberian pakan di Kaligesing lebih bagus karena pemberian konsentrat yang lebih banyak macamnya dari peternak di Gumelar. Manajemen perkandangan para peternak di Kaligesing lebih bagus dari peternak di Gumelar, karena para peternak di Gumelar membuat kandang cenderung lebih kecil sehingga kepadatan kandang tinggi.

SUMMARY

Comparison of the body linear measurement of Peranakan Etawa offspring bucks at Kaligesing with Gumelar. This research was conducted at Sub district of Purworejo and Gumelar Banyumas. This research aimed to find out and examine the difference of the linear size of goat body of measurement of Etawa offspring bucks that were treated in the area of Kaligesing an Gumelar. The material used the measurement of Etawa offspring bucks with age 12-18 months. The variables that were measured in this research were length of body, height of back and circle of chest. This research method used the survey method by using the snowball sampling.

The result of research showed that the linear size of the goat body of measurement of Etawa offspring bucks (PE) Kaligesing and Gumelar were differences. The height of shoulder both PE between two location were real difference ($P < 0.05$) and the size of length body and circle of chest were very real difference ($P < 0.01$). Goat of adult male PE in area of Kaligesing was bigger than PE Gumelar. These difference was caused by the factor of environment, treatment management, and genetic that were difference between both area. Kaligesing was more superior than Gumelar PE. The environment in Kaligesing was higher so it affected the supply of green food. Management in giving food at Kaligesing was better because giving the bigger type of concentrates than farmer in area of Gumelar. Cage management of farmer in Kaligesing was better than farmer in Gumelar, because the farmers in Gumelar tend to make smaller cage so the crowd inside the cage was high.