

KUALITAS SUSU KAMBING PERANAKAN ETAWA (PE) DI DESA KALIGONO, KECAMATAN KALIGESING, PURWOREJO

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INTISARI

Tujuan penelitian ini adalah untuk mengetahui kualitas susu Kambing Peranakan Ettawa (PE) pada peternak kambing PE di Desa Kaligono, Kecamatan Kaligesing, Purworejo. Jumlah ternak yang digunakan dalam penelitian adalah 15 ternak dari 15 peternak dengan jumlah total 77 ekor kambing PE. Parameter penelitian yang diamati, yaitu uji organoleptik, uji alkohol, kadar lemak, berat jenis dan derajat keasaman. Susu kambing sebagai sampel berasal dari induk laktasi produktif sebanyak 500 ml setiap ekor. Susu kambing segar berasal dari 15 ekor kambing dengan bulan laktasi ke-2 dan ke-3. Analisis data yang digunakan dalam penelitian ini yaitu menggunakan analisis deskriptif. Hasil penelitian menunjukkan bahwa karakteristik peternak kambing PE di Desa Kaligono, Kecamatan Kaligesing, Purworejo menunjukkan bahwa mayoritas umur peternak 26-50 tahun (60%), dengan latar belakang pendidikan sebagian besar lulusan SMP (40,0%), tujuan beternak sebagai usaha sampingan (73,3%), lama beternak > 20 tahun (66,7%) dan rerata memiliki 6-10 ekor ternak (53,3%). Uji organoleptik rata-rata warna putih kekuningan, bau khas kambing dan rasa sedikit manis. Uji alkohol semua positif. Uji kadar lemak rata-rata 5,75%. Uji berat jenis rata-rata 1.0301 g/ml. Uji keasaman rata-rata 6,6. Berdasarkan hasil penelitian dapat disimpulkan bahwa kualitas susu kambing PE di Desa Kaligono, Kecamatan Kaligesing, Purworejo memenuhi standar mutu susu segar.

Kata kunci: Kualitas susu, Kambing PE, Desa Kaligono, Purworejo

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THE MILK QUALITY OF ETTAWA CROSSBREED GOAT IN KALIGONO VILLAGE, KALIGESING DISTRICT, PURWOREJO

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ABSTRACT

The purpose of this study was to determine the quality of Ettawa (PE) Breed Goat milk in PE goat farmers in Kaligono Village, Kaligesing District, Purworejo. The number of samples used in the study were 15 PE goats. The research procedures carried out included organoleptic tests, alcohol tests, fat content, specific gravity and acidic degrees. Goat's milk as a sample comes from the productive lactation mother as much as 500 ml each. Fresh goat milk comes from 15 second and third lactation goats. The data analysis technique used in this study is using descriptive statistics. The results showed that the characteristics of PE goat farmers in Kaligono Village, Kaligesing District, Purworejo showed that the majority of breeders aged 26-50 years (60%), with an educational background of most junior high school graduates (40.0%), the aim of raising as a side business (73.3%), the length of raising was > 20 years (66.7%) and the average had 6-10 cattle (53.3%). The conclusion in this study is the quality of PE goat milk in Kaligono Village, Kaligesing District, Purworejo according to the standard of milk quality.

Keywords: Milk quality, PE Goat, Kaligono Village, Purworejo

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