

RINGKASAN

Tujuan penelitian ini adalah untuk mengetahui kualitas susu segar peternakan sapi perah rakyat di Kabupaten Banyumas ditinjau dari uji berat jenis dan total solid. Pengumpulan data primer dilakukan dengan pengambilan data sampel susu segar di Tempat Penampung Susu (TPS) dan Laboratorium Koperasi PESAT. Adapun data sekunder menggunakan metode wawancara dengan responden, yaitu pengurus koperasi dan peternak sapi perah. Data selanjutnya dianalisis menggunakan analisis variansi. Metode penelitian yang digunakan adalah metode survei yaitu dengan pengambilan sampel secara acak (*random sampling*) di tingkat peternak.

Hasil penelitian membuktikan bahwa TPS berpengaruh tidak nyata ($P>0,05$) terhadap nilai berat jenis maupun total solid susu segar peternakan sapi perah rakyat di Kabupaten Banyumas. Rata-rata nilai berat jenis susu segar di peternak sebesar 1,023 gr/ml, sedangkan rata-rata nilai total solid susu segar di peternak dengan kisaran sebesar 11,4-12,1%. Kesimpulan dari penelitian ini adalah kualitas susu segar peternakan sapi perah rakyat di Kabupaten Banyumas secara statistik untuk berat jenis dan total solid sesuai dengan standar (SNI 2011), masing-masing adalah 1,023 gr/ml dan kisaran 11,4-12,1%.

Kata kunci: susu segar, sapi perah, berat jenis, total solid

SUMMARY

The purpose of this study was to determine the quality of fresh milk from dairy cattle farming in Banyumas Regency in terms of specific gravity and total solid tests. Primary data collection was carried out by collecting fresh milk samples at the Milk Storage Place (TPS) and the PESAT Cooperative Laboratory. The secondary data used the interview method with respondents, which consist of cooperative manager and dairy farmers. Further data were analyzed using analysis of variance. The research method used was a survey method, which conducted with taking the sample of randomly at the farmer level.

The results of the study proved that TPS had no significant effect ($P>0.05$) on the specific gravity and total solid values of fresh milk from smallholder dairy farms in Banyumas Regency. The average density value of fresh milk at farmers was 1.023 gr/ml, while the average total solid of value of fresh milk at farmers was in the range of 11,4-12.1%. The conclusion of this study was that the quality of fresh milk from smallholder dairy cows in Banyumas Regency is statically accordance with the SNI (2011), were 1,023 gr/ml and in the range of 11,4-12,1% for specific gravity and total solid, respectively.

Keywords: fresh milk, dairy cow, specific gravity, total solid