



ABSTRACT

I Nyoman Mikhael. 91511407132013. The Level Of Drinking Water Consumption Of Limousine Breeds Employed. Supervised by Helmi Mongi and I Gusti NP. Widnyana

This study aims to determine the effect of temperature on drinking water consumption of limousine breeds employed and the drinking water needs of limousine breeds employed in the tropics. The benefit of this research is for farmers to employ each limousine breed to maintain the level of water and feed consumption so that work can be carried out properly and the limousine breed is healthy. The location of the research was in Kilo village, Poso Pesisir Utara, Poso Regency. The research method was conducted using a randomized complete design with five treatments and five replications. Each test consisted of one limousine breed; The five treatments were; P0 = Nothing is given to the cattle to be examined; P1 = Livestock are drawn around the field so that researchers can find out how many liters of water consumption the livestock must consume. At 9:00 a.m. - 10:00 a.m; P2 = Livestock are drawn around the field so that researchers can find out how many liters of water consumption the livestock must consume. At 11:00 a.m. - 12:00 a.m; P3 = Livestock are drawn around the field so that researchers can find out how many liters of water consumption the livestock must consume. At 13:00 a.m. - 14:00 a.m; P4 = Livestock are drawn around the field so that researchers can find out how many liters of water consumption the livestock must consume. At 14:00 a.m. - 15:00 a.m.

The finding of the research obtained that water consumption of Limousine breed employed is increasing significantly. The higher water consumption is the treatment P4 that applied in 14.00-15.00, the temperature is 33.6°C of 7820ml.

Keywords: Limousin breeds, Temperature, Humidity, Water.

Inti Sari

I Nyoman Mikhael. 91511407132013. **Tingkat Konsumsi Air Minum Sapi Peranakan Limousin Yang Di Pekerjakan.** Di bimbing oleh Ibu Helmi Mongi dan Bapak DR. I GUSTI NP. WIDNYANA

Penelitian ini bertujuan untuk mengetahui konsumsi air minum sapi peranakan limousin yang dipekerjakan dan kebutuhan air minum sapi Peranakan limousin yang dipekerjakan di daerah tropis. Manfaat penelitian ini bagi para peternak agar setiap mempekerjakan sapi Peranakan limousin dapat menjaga tingkat konsumsi air dan pakan sehingga pekerjaan dapat terlaksana dengan baik dan sapi Peranakan limousin tetap sehat. Lokasi penelitian Desa Kilo Kecamatan Poso Pesisir Utara, Kabupaten Poso. Metode Penelitian yang dilakukan menggunakan rancangan Acak Lengkap dengan lima perlakuan dan lima ulangan. Masing masing ulangan terdiri atas satu ekor sapi peranakan limousin. Kelima perlakuan tersebut adalah P0 = Tidak diberikan perlakuan apapun pada ternak yang akan di teliti. P1 = Ternak di Tarik mengelilingi lapangan Pada jam 09:00 – 10:00 pagi untuk mengetahui berapa liter konsumsi air minum. P2 = Ternak di Tarik mengelilingi lapangan Pada jam 11:00 – 12:00 siang untuk mengetahui berapa liter konsumsi air minum. P3 = Ternak di Tarik mengelilingi lapangan Pada jam 13:00- 14:00 siang untuk mengetahui berapa liter konsumsi air minum. P4 = Ternak di Tarik mengelilingi Pada jam 14:00- 15:00 sore untuk mengetahui berapa liter konsumsi air minum.

Hasil penelitian menunjukkan bahwa konsumsi air minum sapi Peranakan limousin yang dipekerjakan mengalami peningkatan yang nyata. Rata-rata konsumsi air minum tertinggi diperoleh pada perlakuan P4 pada waktu 14.00-15.00, suhu 33,6 °C yakni 7820 ml.

Kata Kunci : Sapi Peranakan Limousin, Suhu , Kelembaban, Air