

ABSTRAK

PENGARUH UMUR TERHADAP INFESTASI PARASIT SALURAN PENCERNAAN DAN BOBOT TUBUH KAMBING SABURAI DI KELOMPOK TANI MAKMUR II DAN MUTIARA TANI KECAMATAN GISTING

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Penelitian ini bertujuan untuk mengetahui pengaruh umur terhadap infestasi parasit saluran pencernaan dan bobot tubuh kambing Saburai di Kelompok Tani Makmur II dan Mutiara Tani di Kecamatan Gisting. Materi yang digunakan dalam penelitian ini adalah kambing Saburai sebanyak 106 ekor yang diambil sampel feses dan dianalisis di Balai Veteriner Lampung serta dilakukannya penimbangan bobot tubuh. Metode yang digunakan dalam penelitian ini adalah survei. Variabel yang diamati adalah infestasi parasit saluran pencernaan dan bobot tubuh. Data primer yang diperoleh kemudian dihitung menggunakan Anova dengan Pola Tersarang, dan data sekunder hasil wawancara dianalisa dengan analisis Deskriptif. Sebanyak 106 ekor sampel kambing Saburai dengan rincian 51 ekor berumur <1 tahun dengan data negatif 1 ekor kambing memiliki bobot tubuh 19 kg, positif *Eimeria* 44 ekor dengan rata-rata bobot tubuh 18,61 kg, serta positif *Eimeria* dan saluran pencernaan sebanyak 6 ekor dengan rata-rata bobot tubuh 17,66 kg, kemudian sebanyak 55 ekor kambing berumur >1 tahun dengan data negatif infestasi 5 ekor memiliki rata-rata bobot tubuh 59,70 kg, positif *Eimeria* 38 ekor dengan rata-rata bobot tubuh 53,76 kg, serta positif *Eimeria* dan cacing saluran pencernaan sebanyak 12 ekor dengan rata-rata bobot tubuh 52,41 kg. Hasil penelitian menunjukkan bahwa semakin muda umur kambing maka tingkat infestasi parasit saluran pencernaan akan semakin tinggi; umur berpengaruh sangat nyata ($P < 0,01$) terhadap bobot tubuh kambing Saburai yang terinfestasi parasit saluran pencernaan; semakin tua umur kambing maka penurunan bobot tubuh semakin besar, penurunan bobot tubuh yang terjadi kambing umur <1 tahun terinfestasi *Eimeria* 2,05% dan terinfestasi *Eimeria* dan cacing saluran pencernaan 7,05%, serta kambing umur >1 tahun terinfestasi *Eimeria* 9,94% dan terinfestasi *Eimeria* dan cacing saluran pencernaan 12,21%.

Kata kunci: Kambing Saburai, Umur Kambing, Parasit Saluran Pencernaan, dan Bobot Tubuh.

ABSTRACT

EFFECT OF AGE ON DIGESTIVE TRACT PARASITES INVESTMENT AND BODY WEIGHT OF SABURAI GOATS IN THE TANI MAKMUR II FARMER GROUP AND MUTIARA TANI IN THE GISTING DISTRICT

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This study aims to determine the effect of age on gastrointestinal parasite infestation and body weight of Saburai goats in the Makmur II Farmers Group and Mutiara Tani in Gisting District. The material used in this study were 106 Saburai goats which were taken from feces samples and analyzed at the Lampung Veterinary Center and body weight was carried out. The method used in this research is a survey. The variables observed were gastrointestinal parasite infestation and body weight. The primary data obtained were then calculated using Anova with nested patterns, and the secondary data from the interviews were analyzed using descriptive analysis. Were 106 samples of Saburai goats, with details of 51 aged <1 year with negative data, 1 goat weighing 19 kg, positive for *Eimeria* 44 with an average body weight of 18.61 kg, and positive for *Eimeria* and intestinal tract. digestion of 6 tails with an average body weight of 17.66 kg, then as many as 55 goats aged >1 year with negative data for infestation of 5 tails having an average body weight of 59.70 kg, positive *Eimeria* 38 tails with an average body weight of body weight 53.76 kg, and positive for *Eimeria* and digestive tract worms as many as 12 tails with an average body weight of 52.41 kg. The results showed that the younger the age of the goat, the higher the level of parasite infestation in the digestive tract; age had a very significant effect ($P < 0.01$) on body weight of Saburai goat infested with digestive tract parasites; the older the age of the goat, the greater the decrease in body weight, the decrease in body weight that occurred in goats aged <1 year were infested with *Eimiria* 2.05% and infected with *Eimiria* and digestive tract worms 7.05%, and goats aged >1 year were infested with *Eimiria* 9.94 % and infected with *Eimiria* and intestinal worms 12.21%.

Keywords: Saburai Goat, Goat Age, Digestive Tract Parasites, and Body Weight.