

ABSTRACT

COMPARISON OF GROWTH OF CHILDREN GOATS BOERAWA PRE-WEANING PARITY 1, 2, AND 3 IN THE DISTRICT GISTING TANGGAMUS PROVINCE LAMPUNG

By

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One of the criteria for measuring the productivity of goats is the ability to produce a kid who has a high body weight gain which is usually strongly influenced by the age of the mother and birth weight. The properties include the growth in birth weight, pre-weaning growth and weaning weight is influenced by parity or birth period. The higher the parity, the higher the growth performance of the children were born. This study aimed to determine the effect of parity on birth weight, weaning weight and growth rate of goats Boerawa pre-weaning.

The research was carried out in March-June 2012 in District Gisting, Tanggamus District, Lampung province, the site of the development of goat Boerawa. This study used a survey method to obtain research materials such as goat nations recording, time of delivery, type of delivery, birth weight, elder, parent age, and parity of 90 breeding goats Boerawa each 30 tail parity 1, 2, and 3. Data were analyzed with analysis of variance, followed by Duncan's test Distance Regression real level of 5%.

The results of this study showed that birth weight and weaning goats Boerawa between parity 1, 2, and 3 respectively show the difference. Birth weight and weaning parity 3 (3.373 ± 0.292 kg and $17,429 \pm 1.092$ kg) significantly ($P < 0.05$) with parity 2 (3.247 ± 0.201 kg and 16.762 ± 1.243 kg) and parity of 1 (3.131 ± 0.152 kg and 15.875 ± 1.211). Similarly, birth weight and weaning parity 2 were significantly different ($P < 0.05$) with parity 1. Furthermore, PBT parity 3 (0.156 ± 0.012 kg / head / day) and parity 2 (0.150 ± 0.013 kg / head / day) each significantly different ($P < 0.05$) with PBT parity 1 (0.142 ± 0.013 kg / head / day). However, PBT parity 3 and 2 were not significantly different ($P > 0.05$). In general, the effect of parity 3 provides the best effect on birth weight, weaning weight, and PBT Goat Boerawa pre-weaning.