

EVALUATION OF BIOCHEMICAL PARAMETERS OF MOXOTÓ AND CANINDÉ GOAT IN THE DRY AND WET PERIODS IN NORTHEASTERN BRAZIL

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Abstract / Resumo:

This work had as objective to evaluate the biochemical parameters of Canindé and Moxotó goats breed in the dry and wet periods in Northeastern Brazil. The experiment was conducted at Embrapa Goats and Sheep where it was used 15 Moxotó and 15 Canindé goats race. The blood sampling occurred in the months of April and September 2007 and 2008. It was observed statistical difference ($P < 0.05$) for total protein and globulin values between Canindé (7.14 ± 0.88 ; 3.26 ± 0.86) and Moxotó (6.70 ± 0.54 ; 3.26 ± 0.05) races, respectively, during the rainy season, this difference was not observed ($P > 0.05$) for albumin. Upon analyzing the dry period, there was no difference ($P > 0.05$) for the variables between the races. The values found in this study for total protein, albumin and globulin were similar to those observed by other authors in the same region and its are therefore within the averages. These results show, probably, that the total protein and globulin are susceptible to periods of the year. However, further studies should be performed on the blood chemistry in this region with the same races.