

ECONOMIC LOSSES IN REPRODUCTIVE PARAMETERS CAUSED BY THE CAPRINE ARTHRITIS-ENCEPHALITIS

CARNEIRO, F.F.D.1,2, BRITO, R.L.L.2,1, GOMES, T.C.L.1, GUIMARÃES, V.P.2, ANDRIOLI, A.2,1, SIDER, L.H.2, PINHEIRO, R.R.2,1

1. UVA, State University Vale do Acaraú. 2. CNPC, Embrapa Goats and Sheep.

rizaldo@cnp.embrapa.br

Abstract / Resumo:

The objective of this study was determine the economic losses in reproductive parameters caused by caprine arthritis-encephalitis in dairy flocks in Brasil. Ninety female goats Nubian x Saanen crossbreed, four bucks from the same genetic group of females and four teaser without defined race were used. The animals were divided in two groups: seropositive and seronegative by Western Blot diagnostic test. The animals had the same management conditions and were kept in separate areas with similar characteristics in the same farm. To calculate the economic losses, the following parameters were evaluated: birth rate, number of kids born, mortality rate at weaning, number of young after weaning, body weight (BW) at weaning, total production in kilograms and dollar value of BW (US\$ in Kg.BW-1). Stastical analysis was performed using SAS, The results showed that the income obtained from the seronegative group was 1.52 times higher than that of seropositive. Was found that there are economic losses in reproductive parameters due to the caprine arthritis encephalitis in dairy goats in Brazil.