

CHARACTERISTICS OF THE COLOSTRUM COMPOSITION OF HONAMLI GOATS

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Abstract

Honamlı goat, which is new officially registered goat breed of Turkey, has been studied for its various production and reproduction traits. In this study colostrum composition of Honamlı goat, which was the first study related on this subject. It has been investigated according to changes in the first 4 days after parturition. Samples were collected from Honamlı goats in second lactation. Composition of colostrum were evaluated in terms of fat, protein, lactose and total solids content according to successive days. Mean values of fat, protein, lactose and total solids in the first and the last days were determined as 8.39%, 10.52%, 3.74%, 22.41% and 3.27%, 6.80%, 4.93%, 15.99% respectively. While fat, protein and total solid were showing a significant decrease from the first day to the last day, lactose demonstrated a significant decrease in same period ($P < 0.05$).

Key words: Colostrum composition, Honamlı goat