

Changes of body condition of cows, daily milk yield and its composition during the course of lactation

S u m m a r y

The influence of successive month of lactation, number and season of calving of cows on the changes of body condition, daily milk yield and its composition during the course of lactation were analyzed. The evaluation covered 240 of cows maintained in 3 farms. Body condition on a 5-point scale once a month was scored. The data concerning daily milk yield and its composition were determined from breeding record-books. It was found that the successive month after calving influenced the level of fat reserves, daily milk yield and content of protein. Body condition of cows during the course of lactation differed by the age of cows and calving season. Primiparas and cows calved in autumn-winter season decreased body condition at the beginning of lactation to a less degree and regained slower the reserves in further period. The analysis of daily milk yield changes in successive months of lactation shows better persistency of lactation of primiparas and cows calved in spring-summer months.