

# **ANALYSIS OF AVERAGE VALUES AND VARIABILITY OF LACTATION PRODUCTION INDICES IN THE BROWN BREED POPULATION FROM THE AREA OF BOTOSANI COUNTY**

**R.G. Mihalache, I. Gîlcă, R.N. Rațu**

*Iasi University of Life Science „Ion Ionescu de la Brad”, Romania*

## **Abstract**

*The Brown breed is mostly found in hilly and submontane areas, especially in the counties of Neamț, Bacău, Vrancea, Buzău, Prahova, Argeș, Vâlcea, and Mehedinți. This distribution area follows the path of the Carpathian Mountains and starts at the N-V of Maramures. One of the main goals of the field researchers was to raise, through development, both milk output and its quality.*

*For these reasons, the research was carried out in accordance with the Brown breed's household exploitation system, one of the most common breeds raised in the Moldovan region. The study used a total of 404 animals that were officially recorded in the production control inside the Botosani county selection facilities.*

**Key words:** *quantity, production, fat*