

RESEARCH ON MILK PRODUCTION IN SAANEN GOATS UNDER DIFFERENT FARMING CONDITIONS

L. Marinică^{1,3}, D. Nadolu^{1,2}, A. Anghel Hortanse^{1,2}, C. Pascal^{3*}

¹National Association of Goat Breeders of Romania, Constanța, Romania

²Institute of Research-Development for Sheep and Goat Breeding Palas-Constanța, Romania

³Faculty of Food and Animal Sciences, Iași University of Life Sciences, Romania

*e-mail: constantin.pascal@iuls.ro

Abstract

In the context of increasing consumer interest in goat milk products, more and more breeders have focused on improving milk production for the local goat breeds or have opted for raising specialized imported breeds. The present study aims to present the evolution of milk production in the case of 30 Saanen goats included in the purebred breeding studies of the Breed Genealogical Register. The milk production of the 30 goats from two far, whit different exploitation systems, traditional (lot 1- in Iași county) and permanently in stabulation (lot 2- in Constanta county), has been monitored for five years (2019-2023), revealing the productive potential under different exploitation and nutrition conditions. The average annual milk production in the two lots varied depending on the exploitation conditions, with values ranging from 797.7 kg/lactation to 907.03 kg/lactation in permanently stabulation condition compared to 542.27 kg/lactation and 626.05 kg/lactation in the traditional exploitation system. These values were higher than the milk production of local goat breeds, but lover than the production reported for Saanen goats in the other Genealogical Registries (France).

Key words: goat, milk, exploitation conditions, quantity