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Milk performance of Holstein-Friesian cows of domestic and foreign origin

S u m m a r y

The aim of the study was to compare the milk performance (daily yield, composition and cytological quality of milk) of Holstein-Friesian cows of domestic and foreign (German, French) origin, with consideration of factors such as season of the year, lactation period and age of cows. The highest daily milk yield was found in cows of French origin (32.7 kg vs. 27.1 kg in cows of domestic origin). The highest fat percentage was found in the milk of Polish Holstein-Friesian cows (4.38%) and the lowest in French Holstein-Friesians (4.13%). Protein content was the lowest (3.31%) in the milk of Polish cows and the highest (3.39%) in the milk of French cows. The highest cytological quality was characteristic of the milk of German Holstein-Friesians.