

## Comparison of selected breeding parameters of Montbeliarde and Polish Holstein-Frisian cows of Black-and-White variety kept at the same environment conditions

### S u m m a r y

The aim of the study was to evaluate influence of the breed on the length of calving interval, age of the first calving, longevity and milk somatic cell counts. The studies were carried out on 170 Polish Holstein-Frisian cows of Black-and-White variety and 200 Montbeliarde cows. All cows were housed at the same environment condition in four feeding groups (2 groups for milking cows and 2 groups for dry cows). The results indicate the significant influence of the breed on longevity and amount of somatic cells as well as calving rate. It was observed that milk somatic cell counts in Montbeliarde were lower than in PHF cows. The age of Montbeliarde culled cows was significantly longer than Polish Holstein-Frisian ones. There were no differences between those two breeds in age at first parturition, length of calving interval and days open.