

## THE USE OF GERMAN BLACK-AND-WHITE CATTLE OF DIFFERENT GENOTYPE IN LITHUANIA

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**Summary.** The data about analysis of milk production from all controlled Lithuanian and German Black-and-White cows in Lithuania and from 6 dairy farms, where balanced feeding of cows' herd is applicable are given. Furthermore, the data regarding the influence of Holsteins on the productivity of Lithuanian and German Black-and-White cow herds in analyzed farms is evaluated.

It was estimated that German Black-and-White cows are on 4-9% milker than Lithuanian Black-and-White cows from all controlled herds in the country. However, the fatness of milk and milk proteins from above mentioned cow breeds are comparable. In 6 dairy farms with balanced feeding the milk productivity of German Black-and-Whites was on 0,4-8,4 % higher and the fatness of milk and level of proteins slightly lower compared to Lithuanian Black-and-Whites. In addition, it was observed tendency, that growth of Holsteins cattle breed blood part increased milk productivity of German Black-and-White cows faster compared to Lithuanian Black-and-White cows.

**Keywords:** cattle, breed, German Black-and-White, Holsteins, Lithuanian Black-and-White, milk productivity.