

## COMPARISON OF PRODUCTIVITY INDICES FOR DIFFERENT GENOTYPE AND LINE LITHUANIAN RED COWS

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**Summary.** The productivity, mass and age of Danish red, Anglere, Holstein red-and-white and Schviz genotype cows has been compared during their first calving.

It has been stated that Holstein genotype cows as well as Anglere genotype bulls Vorlo, Lithuanian red cattle of line 2830, Aksomas, Lithuanian red cattle of line 2575 and Star cattle of line 20137 are the most productive first-calf heifers.

First-calf heifers of different genotypes correlate the main indices of productivity in different ways. Thus it is essential to take this fact into consideration while selecting the cattle for breeding.

**Keywords:** Lithuanian red cattle, Danish red cattle, Angleres, Holstein red-and-white, Schviz, milk yielding capacity, milk fat, milk albumen, mass, breed, genotype, line, coefficient of correlation.