

## ANALYSIS OF UDDER QUARTERS MILKING PARAMETERS IN DAIRY COWS

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**Abstract.** Were analyzed data of 229 Lithuanian Black-and-White and Lithuanian red cows. The aim of our study was to analyze milking parameters (milk yield, milking duration, milk flow measures, electrical conductivity of milk) at udder quarters level by breed. In our study the data of milk yield (kg), milking time (min), milk electrical conductivity (mS/ cm), average milk flow (kg/ min) and peak milk flow (kg/ min) were analyzed. From Lithuanian Black-and-White cows' rear quarters were produced more milk, higher average milk flow rate was detected and therefore milking duration was shorter. Lithuanian Black-and-White cows left front quarter produced more milk but average milk flow rate fixed lower. The electrical conductivity in right side udder quarters was higher than in left side quarters in both breeds.

**Key words:** breed, cow, milk flow traits, milking robot, udder quarters.