

SELECTION OF BLACK-AND-WHITE COWS BY SOMATIC CELLS AMOUNT IN MILK

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Summary. It was established that somatic cells count in cow milk increases in accordance with age. The variability of this trait is greatly influenced by the sire. For milk production traits and somatic cells count low positive and negative coefficient of phenotypic correlation were found. To increase milk production and to improve milk quality in Lithuania it is necessary to develop cows selection by somatic cells count in milk.

Keywords: milk production, somatic cells count, correlation analysis, dispersion analysis.