

## REPEATABILITY OF MILK PRODUCTIVITY TRAITS

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**Abstract.** The milk content of 77 cows was tested for milk yield, fat, protein, lactose content and somatic cell count (SCC) every day during one month from 12 July until 11 August, 2001. The final data included 2203 test day samples.

Repeatability of milk yield, protein and somatic cell count was high ranging: from 0.71 to 0.84; repeatability for fat and lactose was moderate (0.49, 0.30, respectively). Moderate phenotypic correlation existed between the protein and fat contents. Negative phenotypic correlation was found between milk yield and fat content, between milk yield and protein content and between lactose content and somatic cell count.

**Keywords:** dairy cows, milk productivity traits.