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## Efficiency of milk production on farms of the Sub-Carpathian region in regard to the cow's feeding system

### Summary

High yield of milk per individual cow is one of essential factors determining the profitability of milk production. However, it imposes high nutritional requirements of dairy cows. In the present study the gross income was investigated for 28 farms maintaining at least 10 dairy cows. The analyzed farms were divided into two groups. All farms were using fodder obtained from pasture; cows from group I were also fed with maize silage. A slightly higher production cost of 1 kg of milk was recorded for farms using only fodder from pasture. The received donations increased the income by approximately 900-1000 PLN per individual cow, and their share in the gross income with the donations was from 28% for group I to 37% in group II, i.e. for farms characterized mainly by grassland management (accounting for 95% of agricultural lands).

**KEY WORDS:** Simmental cattle / feeding system / efficiency of milk production