MECHANICAL MILKING WITH MOBILE EQUIPMENT’S IN SMALL FARMS FROM SALAJ COUNTY

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Key words: milking equipment, milk flow speed

SUMMARY

The study is based on observations made up to Romanian spotted dairy cows breaded in two small farms from Salaj county, Șieuț village, belongs to Dedean Gheorghe, with 10 cows and Vârtic Claudiu, with 12 cows. First farm uses “De Laval” mobile milking equipment and second one use Romanian mobile milking equipment made by “Banat” company from Timisoara.

The observations were made during five weeks for each cow were measured milk quantity in clear buckets with graduations, milking duration with a chronometer for estimate milk flow speed. The level of milk yield of the cows from each farm is between 3500 – 5000 kg/lactation, cows were milked three times per day in the morning between 5:30 to 6:00, afternoon between 13:30 to 14:00 and in the evening between 20:30 to 21:00. The results are presented in figure 1.

Milk flow speed in Dedean farm is close to normal limits showed by other authors for Romanian Spotted cows, but in Vârtic farm is very low, because of malfunctions of “Banat” equipment. As a recommendation when the number of the cows increase in the farm, we suggest free accommodation system, where is possible to use tandem parlors or even robotic milking system and other modern equipment’s for diary farms.
BIBLIOGRAPHY
