



Improving possibilities of dairy cow diets in some small dairy farms from Pașcani rural zone

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This study was developed in small farms from Pașcani rural zone, Iasi County, Moțca village which aimed at demonstrating that can be obtained a superior milk production as well as fat milk content with a rational feeding diet. The optimisation feeding research was carried out during November 2004- October 2007. The traditional cow feeding in this type of farm does not take into account the cows's need for nutrients and energy. The fodders are not used properly. A big amount of roughage is used in the diet and the mixed concentrate fails to balance the diet in energy and protein. The nutrients are thus wasted since fodders are not totally consumed by cows a fact that accounts for an increased milk production price. Hence, the quantity of rough fodders (straw, corn cobs) was reduced in average to 12 % and increased the succulent fodders (fodder beet) up to 52 % in the diet. Consequently, the milk yield increased with 27% from 3184 kg milk/ cow to 4048 kg milk/ cow and milk fat content with 4 % from 3.46% to 3.60 %.