

## EFFICIENCY OF HOMEOPATHIC PREPARATION COMBINATIONS FOR PROPHYLAXIS OF METABOLIC DISORDERS IN COWS

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**Summary.** The present study was designed to assess the efficiency of homeopathic preparation combinations for prophylaxis of metabolic disorders in cows. Forty cows (n=40) from a high productivity farm were randomly divided into two groups, of twenty animals each. Cows in Group A (experimental) were injected with a triple injection each of 5 ml (during the calving, one month before and one month after calving) of homeopathic preparations – intramuscularly with Traumeel LT, Lachesis comp. and Carduus comp., and subcutaneously with Coenzyme comp., respectively. Cows in Group B (control) were injected with saline. Both groups of animals were fed normal diet twice daily and kept under comparable conditions. Blood samples were collected from the jugular vein the day before injection and one month thereafter. Cows were weighed and daily milk production was measured on days 7, 30 and 90 after injection. In both groups, the average weight of cows increased gradually and was comparable. The total amount of proteins, magnesium, concentration of urea in experimental cows blood and daily milk production (Group A) was significantly higher ( $p<0.01$ ) compared to the controls (Group B). The results from this study indicate that homeopathic preparations such as Traumeel LT, Lachesis comp., Carduus comp. and Coenzyme comp. can have a potential value for prophylaxis of metabolic disorders and stimulation of milk production in a high productivity cows.

**Key words:** homeopathic preparations, protein, magnesium, urea, milk, cow.