EVALUATION OF HOMEOPATHIC PRODUCTS IN THE SANITARY AND PRODUCTIVITY ASPECTS OF COWS IN LACTATION

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Introduction: The dairy cattle production faces many challenges in the tropical areas, demanding new alternatives for the treatment of the main diseases and to increase the productivity.

Objective: An experiment was carried out in a Brazilian farm to evaluate the use of homeopathic medicines in dairy cattle, its performance in the control of external parasites and MASTITIS and the effect over the production of milk.

Material and methods: A group of 40 crossbred Holstein-Gir cows in lactation was selected based on their production level, weight and kept in an rotational grazing area of Tanzania grass (pancium maximum), and receiving ensilage and concentrated feed daily. The homeopathic medicines FATOR PRO™, FATOR STRESS™, FATOR M&P™ and FATOR C&MC™ were added to the concentrated feed in a dose of 5 grams/animal/day, administered in the morning and afternoon. Eight of the 40 cows were randomly selected to be monitored for infestation of ticks, horn-flies, worms, subclinical MASTITIS (CMT), and variation of weight, production and quality of the milk during ten months and also the score of physical condition, counting of somatic cells (CCS) and global bacterial (CBG)).

Results and discussion: There was a significant reduction of 523 % in the average number of adult ticks in the body of the 8 monitored cows, after the supply of the homeopathic medicines. Comparing the results of the average counting of total ticks before and after the homeopathic treatment, there was an increase of 193 % of larvae, and a reduction of 62.7 % and 179 %, of nymphs and adults respectively. The counting of eggs of worms showed a reduction of 197.75 %. There was a reduction in the CCS and CBG, of the order of 70.60 % and 92.70 %, respectively and the average live weight of the animals increased in 5.0 % with increase of 14.40 % in the physical condition, reflecting increase of the physical reserves while approaching the end of the lactation cycle.

Conclusions: The infestation of ecto and endo parasites after the supply of homeopathic medicines in the concentrated feed for cows in lactation was significantly reduced and also the CCS and CBG, important factors for the producer who receives bonus for the best quality of the milk. The weight and physical condition were improved in the treated animals. During the ten months of the experiment the animals were not subjected to any allopathic treatment.™ Fauna & Flora Vet. Homeopathic Lab.

Keywords: Homeopathy, Parasites