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Efficacy of Indigenous Herbal Preparation on Altered Milk pH, Somatic Cell Count and Electrolyte Profile in Subclinical Mastitis in Cows

A.Y. Kolte, S. P. Waghmare, S.G. Mode and Arun Handa

Department of Veterinary Medicine, PGIVAS, Akola (M.S.)-444001.

Abstract

Comparative efficacy of three different locally prepared indigenous herbal paste were evaluated in subclinical 24 mastitic cows with reference to restoring altered milk pH, somatic cell count and milk electrolyte profile. The study revealed that all the treatment were found effective in restoring the altered milk constituents in subclinical mastitis with increased in the milk production. T3 (oots of *Withania somnifera* (Ashwagandha), *Asparagus racemosus* (Shatavari), *Curcuma-amada* (Ambe Haldi) and fresh leaves of *Ocimum sanctum* (Tulsi) in equal quantities) was found more effective than T5 (T3 and T4 in combination in equal quantities) and T4 (fresh roots of *Glycerrhiza glabra* (Jeshathamadh), *Nardostachys jatamansi* (Jatamansi), leaves of *Riccinus communis* (Yerand), bark of *Ficus racemosa* (Umber) and rhizome of *Curcuma longa* (Haldi) in equal quantities).

Keywords: Herbal, Milk, Somatic Cell count, Subclinical Mastitis, Electrolyte.