

EXPERIMENTAL TESTS OF SUPERMASTAS DESIGNATED FOR PROPHYLAXIS AND TREATMENT OF MASTITIS IN COWS DURING DRYING OFF PERIOD

V. Špakauskas, A. Stundžienė, G. Baltušnikienė

Summary. An antibacterial preparation of extended effect Supermastas was developed for prophylaxis and treatment of mastitis in cows during the period of drying off. It was established that Supermastas is of low toxicity. Its LD₅₀ when administered to abdominal cavity of mice is 15,4 ml/kg, that of guineapigs -16,0 ml/kg.

Treatment of udder quarters during drying off period with the given preparation of extended effect Supermastas diminishes the number of mastitis cases during drying off and lactation periods. Newly calved cows more rarely fall ill with mastitis, thus milk loss is prevented.