

EXPERIMENTAL ANALYSIS OF OPTOSEPTAS DESIGNATED FOR DESINFECTION OF COW UDDER TEATS AFTER MILKING

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Summary. A preparation Optoseptas containing phosphoric acid, zinc sulphate, carbamide, glycerol methylene blue and distilled water was prepared for disinfection of cow udder teats. It was established that Optoseptas possesses disinfective properties. After steeping the teats in Optoseptas solution the content of micro-organisms on the skin surface of teats diminishes by 87,5-90,9 %. Optoseptas does not irritate the teat skin and exerts no negative influence on the udder tissues. The preparation covers the teat skin with a film forming a drop at the end of the teat which prevents microflora from getting into the teat canal, protects the udder skin from overdrying and cracking. Treating the teats with Optoseptas after milking diminished the mastitis cases by 57,2 % in comparison with the control group.