

ISOLATION OF MYCOPLASMA FROM COWS WITH CLINICAL AND SUBCLINICAL MASTITIS

J. Šiugždaitė, S. Kunickis

Summary. The paper deals with Mycoplasma isolation from milk samples. The 396 samples were taken from 99 healthy and mastitis cows. The Mycoplasma culture was isolated from 17 milk samples (4,2%). Four cultures of Mycoplasma were isolated from the milk samples of cows with clinical mastitis (1,0%) and 13 cultures of Mycoplasma were isolated from the milk samples of cows affected by subclinical mastitis (3,2%). Of all the samples tested 86 contained increased numbers of somatic cells (over 800 000 -5 000 000/ml of milk). According to the cultural and biochemical characteristics *Mycoplasma bovis* was identified in 11 milk samples (2,7%).

Keywords: mastitis, cows, Mycoplasma, *Mycoplasma bovis*.