

## THE EFFECT OF PROBIOTIC YEASTURE ON CALVES' GROWTH, FORAGE DIGESTIBILITY AND HEALTH STATE

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**Summary.** The experiment was carried out at the center of Practical training and experiments of Lithuanian Veterinary academy with 2 groups of calves. The effect of probiotic preparation *YEASTURE*, produced by "Censone" firm on calves growth was studied. 2 kg of the probiotic preparation were mixed with 1 t of the concentrates for experimental animals. An average weight gain of the calves, given preparation *YEASTURE* was in 9,2 % better than in the control group, ration organic matter digestibility improved as follows: dry matter – in 0,95%, organic matter – 0,85%, fat – 0,55 %, protein – 1,86%, fiber – 2,0%. This probiotic preparation and the dosis studied had no negative effect on the physiological state of the calves. Morphological parameters of blood fluctuated in the range of physiological norm and characterized good physiological state of the calves. The probiotic *YEASTURE* enhanced the immune system of the calves.

**Keywords:** probiotics, calves, digestibility, weight gain, preparation *YEASTURE*.