

## PROBIOTIC PACIFLOR INFLUENCE ON CALF VISCERA DEVELOPMENT

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**Summary.** The experiment was performed with 3 groups of calves at the age of one month at the centre of Practical training and experiments of Lithuanian Veterinary Academy. The influence of probiotic preparation PACIFLOR on the viscera development of calves was studied. All groups were fed the same forage, only the test group got probiotic PACIFLOR mixed into the flour mix (barley, oat, wheat corn mix) as follows: I test group – 200 g/t, II test group – 300 g/t. Experimental calves were grown up to 6 months of age. Three calves, which were in character with calves of the group average, were selected for the control slaughter from each group to estimate the influence of probiotic PACIFLOR on their viscera development. The weight of heart, lungs, liver, pancreas, kidney, craw and its parts, and the weight and length of small and big intestine were estimated. The percentage of viscera and intestine in the pre-slaughter weight was calculated. The results showed an influence of probiotic PACIFLOR and its dosage on the relative weight decrease of liver, kidney, pancreas and craw (with and without content), and also on the relative weight increase of big intestine (with and without content), lungs and heart.

**Keywords:** calves, probiotic, viscera, relative weight.