

## PROBIOTIC INFLUENCE ON GROWTH AND DEVELOPMENT OF CALVES

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**Summary.** The supplement of the probiotic preparation "Paciflor" to the calves of 2-6 month's age had an influence on their growth rate. The experiments were made with Lithuanian black and white calves strain at the Lithuanian veterinary academy Practical training and experimental centre. Three groups of calves were made up (completed): the control group, the first and the second experimental groups. Probiotic "Paciflor" was used feeding on the concentrated forage. This probiotic in dose of 200 grams was mixed into one tone of concentrated product to the calves of the first experimental group, and 300 grams - to the calves of the second experimental group. It has been determined that at the end of the experiment, the mass of the first experimental group calves was 7.5 kg, or 5.5 %, and the mass of the second experimental group calves was 15.8 kg, or 11.7 %, bigger than the mass of the calves in the control group. Probiotic didn't have great influence on the blood index.

**Keywords:** probiotic, ration, calves, rennet bag (abomasum), microorganisms, rumen, blood.