

## THE INFLUENCE OF PROBIOTIC *YEASTURE* ON PRODUCTIVITY AND MEAT QUALITY IN PIGS

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**Summary.** The experiment was carried out to study the influence of probiotic *YEASTURE* on growing, feed consumption and meat quality in pigs. Sixty four Landrace 120 days old pigs were randomly divided into two groups – experimental and control, each of 32 pigs. Control pigs were fed normal diet, and experimental pigs were fed the same diet with probiotic 2 kg/t supplementation. At day 179, eight pigs (4 pigs from control and 4 pigs from experimental group) were necropsied and their meat quality was estimated.

The results from this study indicate that probiotics had significant positive influence on daily weight gains which in experimental animals were on 27.7% higher compared to controls ( $p<0.001$ ), and significantly decreased feed consumption per kg weight gain by 24.4% compared to control group ( $p<0.001$ ). However, there were no significant differences in the meat characteristics of pigs between two diet groups.

**Keywords:** meat quality, probiotic, nutrition, pigs.