

## QUALITY OF RAPE PRODUCTS AND USING FOR BROILER-CHICKEN NUTRITION

M.Kapocius, S.Danius, R.Gruzauskas, V.Sasyte

**Summary.** During the feeding experiment it was estimated, that after supplementing the feeds with 5 % rape cake and mixture of enzym preparations „Bio Feed Wheat" and „Energex CT" broiler chickens' weight increased 1.9 % and feed consumption decreased 1.2 %. By feeding the birds with feed, in which rape cake made 10 % and the above mentioned enzyme preparations' mixture was added, the weight gain increased 3.3 % and feed consumption decreased 1.2 % in comparison with the control group. During the experiment of nutrients digestibility organic matter and fat were digested better (4.3 % and 15 % respectively) in the second experimental group for which rape cake made 5 % of feed and it was supplemented with mixture of enzyme preparations „Bio Feed Wheat" and „Energex CT". By using 10 % and mentioned enzyme preparations' mixture in fourth experimental group's feeds, digestability of organic substance, crude protein and fat was larger than control group's 3.7 %, 3.1 % and 16 %, respectively.

**Keywords:** rape products, chicken-broiler, weight gain, feed conversion, digestability