

## PIG SELECTION ACCORDING TO THE EXPENDITURE OF FODDER

Arūnas Juozaitis, Vida Juozaitienė

**Summary.** In 1997-2001 in the State pig pure-stain stockbreeding station were collected information according to progeny of the boars and sows control feeding characteristics. The data estimated applying the method analysis of variance (ANOVA). Determined, that pig feeding inciter characteristics in the Lithuania improved from 3,4 to 7,1 % within five late years. Determined a slight positive correlation coefficient ( $r=0,19$ ) between, the expenditure of fodder and lifetime to the 100 kg mass and comparison of make-weight – slight negative correlation coefficient ( $r=-0,32$ ). For the phenotype variability of the expenditure of fodder the significant influence have genetic factors – breed (24,9%), breeding method (7,7%), boars' line (7,1%) and sows' family (5,7%). The influence of non-genetic factors for the expenditure of fodder fluctuated in the control Feeding Station from 0,7% (sex) to 6,5 % (farm) and 8,7 % (year).

**Keywords.** Control feeding, expenditure of fodder, genetic factors, non-genetic factors, phenotype correlation coefficient.