

## INFLUENCE OF MULTIENZYME COMPOSITIONS ON THE MORFOLOGICAL AND QUALITY INDICES OF LAYING HENS

V.Sirvydis, D.Gudavičiūtė, R.Bobinienė

**Summary.** The influence of enzyme preparations on the eggs quality of Hisex brown laying hens was studied, when they were fed on diet based on the local cereal. Multienzyme compositions increased the weight of an egg yolk, weight of albumen and also dry matter content in the yolk. The multienzyme composition Vilzim-F (dose 0.05 % of the feed weight) increased the egg weight by 5,3 %. Enzyme preparations Vilzim-F (dose 0.05 %) and Vilzim-K (dose 0.1 %) affected the increase of the egg shell weight by 8 %, compared with the control group. The multienzyme composition Vilzim-FK (dose 0.1 %) had the greatest effect on the thickness of an egg shell. This enzyme supplementation increased the thickness of an egg shell by 12.0 % , compared with the control group.

**Keywords:** multienzyme compositions, laying hens, eggs quality.