

NUTRITIVE VALUE OF PEAS AND POSSIBILITIES OF THEIR USE IN *IZA VEDETE* FEEDS FOR CROSS *BRED HISEX* BROWN HENS BROILER-CHICKS

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Summary. Chemical composition of peas and possibilities to use them in feeds for broiler chicks and laying hens has been investigated. Peas nutritive value was being improved using thermal processing and enzyme preparations. Research of 23 pea species revealed protein average - 24.9 %, fat - 2.2 %, fibre - 6.4 %, of dry matter (DM). Trial results indicated that pea thermal processing intensified broiler chicks' growth and reduced feed consumption for 1 kg of weight gain. The best chick raising results have been obtained adding 30 % thermally processed peas into feeds. The use of enzyme preparations in feeds for laying hens was proved to be efficient as well. Hen day egg production using enzyme preparations increased on average by 2 %. The influence on other parameters such as feed consumption, egg mass, hen preserving has not been determined.

Keywords: peas, chemical composition, enzyme, broiler-chicken, laying hens, productivity