

COMPARATIVE EVALUATION OF NUTRITIONAL VALUE OF COMPOUND FEEDS FOR CHICKEN BROILERS USING THERMAL TREATED PEAS AND SUPPLEMENT OF ENZYME PREPARATION *ROVABIO EXCEL AP*

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Summary. By analysing the influence of heat-treated peas and supplement of enzyme preparation on broiler chickens productivity and digestibility of nutrients, 1 feeding and 1 nutrients digestibility experiments were performed. Using 20 % of thermal-treated peas in feed mixtures, during all feeding experiment the average weight of birds increased 2 % ($P>0.05$) and feed conversion ratio decreased 2 % ($P>0.05$). The supplementation of feed mixtures with enzyme preparation increased the average weight of broilers 7 % ($P<0.001$) and decreased feed conversion ratio 3 % ($P>0.05$), in comparison with control group. The using of 20 % thermally treated peas and addition of enzyme preparation with xylanase, β -glucanase and cellulase activities statistically non significant improved the digestibility of organic mater, crude protein and crude fat.

Keywords: thermally treated peas, non-treated peas, enzyme preparation, chicken broilers, productivity, digestibility.