FEED ADDITIVE «KREMNEVIT-PRO» IN FEEDING OF LAYING HENS

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An important prerequisite for the successful conduct of the industrial poultry farming is providing the maximum biological needs of poultry and prevention of diseases. In this case important are the mineral supplements, which use a prophylactic measure has a positive impact on different body systems of birds and provides a high quality poultry products. Special place given to preparations of natural origin, which is a unique modification of the formula "Kremnevit" that can perform the function as sorbent and simultaneously provide the minerals.

Article includes the results of research of the efficiency of feeding hens egg productive direction feed additive «Kremnevit-Pro». Analysis of productivity poultry for the period of the experiment shows that the optimum amount of introduction additives to the diet of laying hens is 20 kg / t mixed fodder. Egg production hens was higher by 3.9% compared with the control and peak of productivity remained high during the three months and was longer than the other poultry groups (control group that consumed forage with limestone and of research groups that received «Kremnevit-Pro» in an amount 2, 10 and 30 kg / t feed).

In case feeding additive laying hens in an amount 2% mixed fodder proteolytic activity increased by 32.6% and amylolytic activity - increase by 24.7% of duodenal and positively affects the composition of microflora of the cecum. The positive impact was manifested in reducing coccal forms of microorganisms and staphylococci in the total number of cecum microbocenosis. Decreased number of strains of E. coli of low enzymatic properties and increased the number of strains by normal enzymatic activity by 3.93%.

The use of the feed additive "Kremnevit-Pro" in feeding laying hens is justified. This is confirmed by increased activity of proteolytic and amylolytic enzymes that promotes the efficient absorption of nutrients feed a positive impact on the composition of the cecum microflora poultry, as manifested by growth inhibition of pathogenic bacteria, raising laying hens egg productive direction.

Keywords: LAYING HENS, EGG PRODUCTION, ACTIVITY OF HYDROLYTIC ENZYMES, CECUM MICROBOCENOSIS, «KREMNEVIT-PRO».