

Effects of adding (*Cinnamomum cassia*) to the diet of laying hens on egg quality traits inventory

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Abstract

This experiment was carried out by used of (300) eggs , (60) eggs each treatment (15 eggs each replicate) the eggs were collection from hens fed cinnamon powder for five months in levels 0, 0.15, 0.2, 0.25%, 0.3% treatment T1,T2,T3,T4,and T5 respectively. Eggs quality characteristics were measured after storage for a period (1,2,3,4,5,6) weeks. The results of the experiment showed:

1- T2 showed to moral superiority in the rate of egg weight in the first five weeks while did not show significant differences in yolk diameter rate in the first four weeks

2- T3 showed the highest rate in the fifth and sixth week to the rate of the weight of the yolk while T4 achieved the highest rate in the fifth week of the high rate of yolk.

3-T1 superior moral ($P < 0.05$) on the rest of the transactions to rate weight and high while observed a significant decrease in the rate of crust weight when treatment T2 in the four week has also been noted from the results outweigh the T4 treatment in the rate of weight and thickness of the crust. the conclude from this study for a significant improvement in the quality of some of the qualities of the eggs genitive cinnamon stock.

Key words: laying hens, and cinnamon, and storage of eggs.