

COMPARISON OF SOME EGG QUALITY CHARACTERISTICS IN LOCAL STRAINS IN IRAQ .

Samawal .Sadi Abdullah

Department of Animal Resources - College of Agriculture - University of Tikrit

ABSTRACT

The aim of this study is to compare some egg characteristics among three local strains chickens in Iraq (broiler dam line Fawbro (CD) and strains of brown (BR) and Barred (BA)) . The eggs were collected from 75 chickens of each strain at 28 weeks age. The study included assessment of recipes egg quality as following: Egg weight (g), yolk weight(g) , yolk height (ml.) , Albumen weight (g) , Albumen height (ml.) , Shell weight , shell thickness , and from this parameters the yolk index .

The result indicated that there were a significant ($p<0.01$) effect for the genotype of the strain (CD) in compare with strain (BR) and strain (BA) in egg weight , yolk weight , albumen height , yolk ratio , albumen ratio and shell weight . while there were no significant differences among the three strains in yolk height , shell thickness and yolk index.