Abstract

The present experiment was designed to detect the response of laying hens receiving diet supplemented with feed acidifier.

One hundred and ninety two laying hen of (39) weeks of age were distributed randomly into two groups each group with (sixteen) replicates contained ninety six laying hens (six hens / replicate). They were reared for ten weeks from 5\textsuperscript{th} December 2005 – to – 12\textsuperscript{th} February 2006 at Kuku Poultry Research Farm - Animal production Research Center. In this experiment, Group (A) were fed on control diet while group (B) (treatment) were fed on diet supplemented with Organic acids (Premacid) at rate of 0.3 % Ton feed. All diets were similar in crude protein, energy with the same level of essential amino acids according to the recommendation of (N.R.C 1984)

Results obtained in the present study indicated that group fed on diet (treatment diet) showed no significant difference (P > 0.05) for the data of
feed intake, egg production, egg mass, egg weight, egg shell thickness, shell weight, yolk index, yolk weight, haugh unit and albumen PH.

The present study concluded that supplemental of organic acids to the diets of laying pullets did not improve egg production and egg quality characteristics.