

**Effect of adding vinegar to drinking water on production
performance of Broiler during summer**

Ammar K. Al-awsy Majid H. Rasheed Raed I. Kalil

Department of Animal Source / College of Agriculture

Diala University

Abstract

This study was conducted at poultry farm of the college of agriculture- university of Baghdad during the period from the 21st of July to 26th of August 2000 to determine the effects of adding vinegar in drinking water on broiler performance during summer season.

The study used 120 Fawbro broilers chicks divided randomly into two groups (including 3 replicates for each) and they exposed to one of the following treatments:-

- Treatment 1: tap water during the period 7 to 8 weeks of age.
- Treatment 2: water + vinegar (0.1 %) for the same period.

The results show that there were significant effect ($p < 0.05$) of treatment 2 on body weight which it were 1500 gm for treatment 1 which it 1400 gm, There were significant differences ($P < 0.05$) between treatments in food consumption , feed conversion and mortality percentage.