

عنوان مقاله:

Effect of adding different levels of Lemon grass leaves *Cymbopogon citratus* to the diet and its extract in drinking water on productive performance of broiler Chickens (Ross ۳۰۸)

محل انتشار:

فصلنامه علم و فناوری اوراسیا, دوره 1, شماره 1 (سال: 1400)

تعداد صفحات اصل مقاله: 10

نویسندگان:

Department of Animal Production, College of Agriculture, Al-Qasim Green University, Iraq - - -

Department of Animal Production, College of Agriculture, Al-Qasim Green University, Iraq - - -

خلاصه مقاله:

This experiment was conducted at the poultry farm of the college of Agriculture, Al-Qasim Green University for the period from ۱۸/۹/۲۰۱۹ to ۲۳/۱۰/۲۰۱۹. The study was aimed to the effect of adding different levels of lemongrass leaves (*Cymbopogon citratus*) to the diet and its extract to drinking water on Productive performance for broiler chickens (Ross ۳۰۸). In the experiment, ۲۲۵ unsexed broiler chicks (Ross), which obtained from Al-Anwar hatchery, it the were randomly distributed on ۱۵ pen, with ۵ experimental treatments, ۴۵ birds for each treatment. Each treatment included three replicates per ۱۵ birds. The treatments of the experiment were as follows: First treatment: control group free from any addition. The second treatment: a basic feed added to ۱۰ g of lemon grass / kg feed, the third treatment: a basic feed added with ۲۰ g of lemon grass / kg feed, The fourth treatment: adding ۱۰۰ ml of the aqueous extract of the lemongrass / liter of drinking water, and the fifth treatment: adding ۲۰۰ ml of the aqueous extract of the lemongrass liter of drinking water. The experiment included studying the following characteristics: average body weight, weight gain, feed consumption, Feed conversion ratio, production index and average water consumption. Significant moral superiority ($p \leq 0.05$) for the fourth and fifth treatment (addition of ۱۰۰ and ۲۰۰ ml of aqueous extract of lemon grass / liter of drinking water) in the body weight of the body in the fifth week

کلمات کلیدی:

lemon grass, *Cymbopogon citratus*, productive performance, broiler

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