

The Effects of Coriogram Sativum Extract on Performance, Blood Parameters, Microbial Floor and Immunity Parameters of Broiler Chicks

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Abstract: This study was conducted to investigate the effects of different levels of coriogram sativum essence on performance, carcass yield, blood parameters, immune system and intestine microbial floor of broiler chickens. A total of 200 one-day old broiler chicken (ROSS308) were randomly allocated to 4 treatment groups containing coriogram sativum (0, 150, 300, 400 ppm) with 5 replicates in 11 m² experimental units. The results showed that using the essence affects on performance traits, blood parameters and intestine microbial floor, but does not have much effects on immune system and carcass traits. Using coriogram sativum essence in broiler chickens diet improves feed conversion efficiency and beneficial blood parameters traits and reduces harmful blood parameters. The essence also can improve the intestine microbial floor performance. It reduces harmful bacteria and leads to a better feed conversion efficiency. Considering the beneficial effects of the level 150 ppm, it is recommended as the best level to be used. **Keyword:** coriogram sativum, microbacterial floor, broiler chickens, blood parameters

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