

畜牧兽医科学

辣椒粉、大蒜素和维生素C对嘉积鸭生产性能的影响

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摘要:

摘要: 为研究辣椒粉、大蒜素和维生素C对生长前期嘉积鸭生长性能和屠宰性能的影响, 采用单因子试验设计, 将1日龄嘉积鸭, 在体重相近的原则下随机分成4个处理组, 对照组饲喂基础日粮, 试验组分别在基础日粮中添加0.4%辣椒粉, 0.01%大蒜素和0.1%维生素C。每个处理设3个重复, 每个重复16只试鸭, 进行为期70天的饲养试验。结果表明, 在基础日粮中添加0.4%辣椒粉、0.01%大蒜素和0.1%维生素C三种添加剂, 均提高了嘉积鸭试验各期的生长速度, 在一定程度上均能改善嘉积鸭的屠宰性能, 显著降低皮脂沉积。建议在嘉积鸭的早期饲养中添加辣椒粉、大蒜素和维生素, 以提高生产性能和增加经济效益。

关键词: 嘉积鸭; 生产性能; 辣椒粉; 大蒜素; 维生素C

Effects of Capsicum Allinin and Vitamin C on Jiaji Ducks Performance

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Abstract:

Abstract: One-factor experiment was designed to investigate the effect of capsicum, allinin and vitamin C on growth performance and slaughter characteristics in Jiaji ducks in the first growth stage, one-day-old Jiaji ducks were randomly divided into four groups by weight. Ducks were fed basal diet, basal diet+0.4% capsicum, basal diet +0.01% allinin, basal diet+0.1% vitamin c respectively. Every group included three replicates and each replicate with sixteen birds. The experiment conducted for 70 days. The result showed that all additives could improve growth rate in each stage of experiment, the three kinds of additives could improve slaughter characteristics to some extent, decrease significantly sebum deposition. It was recommended to add capsicum, allinin and vitamin c to improve performance and increase the economic efficiency of production in Jiaji ducks in the first growth stage.

Keywords: Key words: Jiaji ducks, production performance, capsicum, allinin, vitamin C

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