

Effects of feeding dietary Palm Kernel Cake on egg production and egg quality of Khaki Campbell duck

ABSTRACT

The study examined the effects of graded levels of Palm Kernel Cake (PKC) on the laying performance and egg quality in Khaki Campbell ducks. Twenty-seven female Khaki Campbell ducks were randomly assigned to three dietary treatments viz T1 (0% PKC; control), T2 (15% PKC) and T3 (35% PKC) and the performance characteristics and egg quality traits were examined for 4 weeks. Ducks fed T2 and T3 had higher ($P < 0.05$) on the feed conversion ratio in ducks. Similarly, dietary PKC did not affect ($P > 0.05$) the weekly egg production and the percentage of hen-day production. Ducks fed T2 and T3 had greater ($P < 0.05$) by dietary PKC. Results indicated that Khaki Campbell ducks could tolerate up to 35% PKC in their diets without detrimental effects on egg production and egg quality.

Keyword: Palm Kernel cake; Intake; Egg quality; Egg production