SUBSTITUTION OF Distiller's Dried Grains with Solubles (DDGS) AT COMERCIAL FEED TO FEED CONSUMPTION AND QUAIL EGG PRODUCTION (Coturnix coturnix japonica)

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ABSTRACT

The purpose of this study was to know the effect of substituting DDGS to feed consumption and quail egg production. About 100 quails of Coturnix coturnix japonica at 10 weeks of age were randomized into four treatments, each treatment consisted of five replications and each replication consisted by five heads. The treatment are the levels substitution of DDGS to commercial feed, they are P0 with DDGS 0% while the P1, P2 and P3 containing DDGS 10, 20 and 30% respectively. The results showed that there was significantly different (p<0,05) to feed consumption and there was not significantly different (p>0,05) to egg production. It can be concluded that the substitution of 20% and 30% DDGS cause increase feed consumption and the substitution of DDGS until 30% not affect egg production.

Keywords: DDGS, feed consumption, egg production.