

STUDY ON THE INFLUENCE OF COMPOUND FEED SUPPLEMENTATION WITH FISHMEAL ON EGG PRODUCTION IN JUMBO MEAT QUAILS DURING 1-8 MONTHS OF EGG LAYING

L. Ioniță^{1*}, E. Popescu-Micloșanu², C.O. Pană², M. Tudorache²,
I. Custură²

¹Ioniță T. Lucian Individual Enterprise Gherghița, Prahova, Romania

²Faculty of Animal Productions and Engineering Management,

University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania

*e-mail: ionita_luc@yahoo.com

Abstract

In order to determine the effect of supplementing the compound feed for Jumbo laying meat quails with fishmeal, an experiment was organized on a number of 400 laying quails, for an eight-month laying period. The quails were divided into two equal batches (experimental and control). The average percentage of eggs was 80.75 ± 1.42 %, higher by 11.88 % in quails from the experimental group compared to quails in the control group. The average weight of egg was of 12.20 ± 0.15 g, higher in quails in the experimental group by 5.27 % compared to that recorded in the control group.

The average consumption of compound feeds was lower in the experimental group with 9.37 % compared to that registered in the control group.

Specific consumption of compound feeds, lower in the experimental group by 28.52 % compared to the control group, was of 47.61 ± 0.95 g.

Research shows that the supplementation of combined fodder with fishmeal leads to superior results in the production of eggs in Jumbo meat quails. Thus, it may be recommended to use a percentage of 4% in compound feed intended for laying quail, especially breeding quail, where the requirements for egg production are higher.

Key words: quail, production, compound feed, fishmeal