## QUALITY PARAMETERS OF LAYING HENS FED DRIED TOMATO MEAL IN DIET

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## Abstract

seperiment with one hundred MB 402 laying hens (36 weeks of age), select of dried tomato meal in diet on egg quality was determined. The allocated into five dietary treatments, being: R0 = 100% based == 50) + 0% tomato meal (TM); R1 = 98% BD + 2% TM; R2 = 96% BD + R3 = 94% BD + 6% TM; and R4 = 92% BD + 8% TM of 20 birds and received a diet ad libitum. The control diet (based diet) was lated to contain 51% corn, 14% rice bran, 7% fish meal, 6% CaCO3, z2% commercial diet. Chemical composition of tomato meal were: E73% crude protein, 1.53% fat, 30.94% crude fiber, 0.98% Ca, 1.20% P, 2416 Kcal/kg ME. The study was conducted over a period of 8 weeks. were collected on eggs quality: egg weight, egg shell weight, and egg sel thickness. Data were analyzed by one-way analysis of variance NOVA). The treatment means were compared using Duncan's multiple range test. The results showed that no differences (P>0.05) in hen egg weight, egg shell weight and egg shell thickness between treatments R1, R2, and R4 compared to treatment R0 (control). It can be concluded that meato meal can be used as an alternative feedstuff in laying hen diets at impusion levels up to 8% without negative effects on egg quality.

Maywords: Dried tomato meal, egg quality, laying hens