Abstract

At Universidad de Los Llanos, was made a research with the objective to evaluate the effect of the inclusion of grain whole soybean Toasted on the parameters productive of Japanese quails during 24 weeks, in six periods of 28 days. The quails were in a completely randomized experimental design with five treatments of grain whole Soybean Toasted (SIT), five repetitions for treatment and 10 birds for repetition, the experimental unit was the cage. Were formulated five diets experimental with increasing levels of soybean (0%, 5%, 10%, 15% and 20%). The grain of soybean was toasted to 120° C, for two minutes. Experimental diets were composed by corn, rice, soybean meal, vitamin, mineral and grain of soybean. The quail were allotted in cage and submitted ad libitum fed and water. The results of egg production were 63,02; 62.9; 60,09; 62,22 and 59,75%; egg weight 10,45; 10,45; 10,48; 10,53 and 10,42 g; feed intake 24,63; 23,91; 24,12; 23,52 and 24,65 g; feed to egg dozen ratio 0,46; 0,46; 0,48 and 0,49; feed to egg mass ratio 3,74; 3,64; 4,12; 3,67 and 4,13; eggs with shell broken 0,46; 0,80; 0,52; 0,56 and 0,66%; eggs without shell 1,50; 1,72; 1,40; 1,56 y 2,28 for treatments with 0 (control), 5; 10; 15 and 20% of grain de soybean toasted. It was concluded that the grain of soybean toasted in the diet had not different significant (P>0,05) in intake of food, ratio kg of diet/ dozen of eggs, eggs production, eggs weight, eggs with shell broken. The treatment with 15% of grain de soybean was the best feed conversion (kg of diet/dozen of eggs)

Keywords
Conversion, Quail, Fed, Soybean toasted

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