

REPORT FROM THE TRIALS CARRIED OUT WITH THE NATURAL FOOD ADDITIVES „PANAMIN ANIMAL“ AND „DETOX“ IN BROILER PARENTS AND TURKEYS

The trials experiments were carried out in the period 03.04.2017-21.06.2017 simultaneously for both categories of birds. The hens were represented by the line „L“, which is the maternal form in the production of broilers, and the turkeys were represented by line „ЯЛ“, which is the female side in the production of commodity turkeys. During the controlled 80-day period, the age of the birds was from 41 weeks to 53 weeks. The trials were carried out with 150 hens and 90 turkeys, divided into 6 boxes of 25 hens, of which 2 trial with „Panamin Amimal“, 2 boxes trial with Detox and 2 control boxes. In turkeys, the division was similar to the above, but the number of birds was 15 in box. Both categories of birds were fed with mixtures balanced according to their age requirements for nutritional value and quantity, while the daily rate for hens was 160 grams and for turkeys – 300 grams. Additionally to this fodder, the trial groups received daily 2 g „Panamin Animal“ or „Detox“ for the hens and 4 g for the turkeys, respectively.

The indicators for fertility, survival and quantity of fodder were controlled daily. Before the end of the trial, the weight of the eggs at age 52 weeks was controlled. The results were as follows:

Indicators	Panamin Animal	Detox	Control
Hens			
Fertility, number of eggs	48,37	47,68	44,28
Intensity of laying, %	60,47	59,61	55,36
Weight of the egg, g	60,57	60,50	60,19
Survival rate, %	97,83	95,48	95,65
Turkeys			
Fertility, number of eggs	43,58	42,66	40,40
Intensity of laying, %	54,48	53,33	50,51
Weight of the egg, g	87,39	87,73	87,03
Survival rate, %	100	96,67	96,67

The analysis of the obtained results leads to the conclusion that the food additive „Panamin Animal” has the highest positive effect on the indicator fertility in both hens and turkeys. The percentage of this increase is as follows:

Hens - 1,43 % higher compared to Detox

- 8.46 % higher compared to the control group

Turkeys - 2.12 % higher compared to Detox

- 7.30 % higher compared to the control group

No significant differences were determined for the egg weight indicator, probably due to the fact that it was determined during the 7th productive month when the eggs are equal.

The effect of „Panamin Animal” on the survival of the birds in both categories is also obvious.

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