IMMUNOCORRECTION ORGANISM CHICKEN VITH PROBIOTIC CULTURE BAC. SUBTILIS BI-12, AS AN ALTERNATIVE TO PREVENTIVE ANTIBIOTICS

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In comparative aspect it was studied the effect on the body of growing broiler chickens action of probiotic Bac. subtilis strain BI-12 and conventional antibiotics with the conventional method of cultivation. The experiment was conducted in four replications, each cycle lasted 41 hours, using 200 chickens in the experiment and control. On the basis of reproducible experiments we have established a positive multifaceted effect on the body chicken using probiotic culture. Chickens of experimental group was significantly superior to chickens in the control group in the most important physiological, hematological and immunological parameters, and they did not receive antibiotics, which allows to obtain clean product that meets all veterinary and sanitary standards of quality and biosafety. It has been clearly demonstrated the ability to grow broiler chickens without antibiotics. Bacillary probiotic had a marked protective effect on the chickens body, stimulated immunoreactivity, increased the number of immune cells, had no physiologically negative or toxic effect, well get accustomed and had eubiotic properties

Probiotic culture, Bac. subtilis strain BI-12, immunotherapy, immunoreactivity, resistance to antibiotics, broilers, environment and sanitation