



## TO STUDY THE EFFECT OF LOCAL FEED ON THE MEAT YIELD OF BROILER CHICKENS

**Widespread use of modern leading meat crossbreeds in the poultry industry of broiler chickens – “Sibiryak”, “ROSS-308”, “ROSS-708”, “Hubbort”, “Cobb-500” broiler crosses**

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<b>Received:</b> September 8 <sup>th</sup> 2021 <b>Accepted:</b> October 10 <sup>th</sup> 2021 <b>Published:</b> December 7 <sup>th</sup> 2021	This article analyzes the widespread use of modern leading meat crosses in the poultry industry in the country in recent years - “Sibiryak”, “ROSS-308”, “ROSS-708”, “Hubbort”, “Cobb-500” broiler crosses.
<b>Keywords:</b> Zoogenic, incubation, microclimate, productivity, cross, ration, temperature, breed.	

### INTRODUCTION.

In our country, industrial poultry farming is carried out in large factories, state and public farms, which are part of independent or poultry production associations. The capacity of enterprises specializing in meat production is determined by the number of chickens raised for meat per year. In the production of broiler meat is to master the methodology of technological calculation of their production in different ways. One of the important indicators related to the efficiency of broiler meat production is their growing time. With age, the growth rate of broiler chicks decreases, while the coverage of feed consumption with live weight gain worsens. Therefore, in the broiler industry, there is a tendency to shorten the growing period of chickens in the meat direction.

In recent years, the leading broiler crosses in the meat industry (broiler) in the country are widely used “Sibiryak”, “ROSS-308”, “ROSS-708”, “Hubbort”, “Cobb-500” broiler crosses with 53,000 numbers of modern poultry.

The impact of broiler chickens on meat production is being studied at the poultry farm “Karakalpak Mahsulotlari” LLC, which specializes in the production of broiler meat, located in the Amudarya district of the Republic of Karakalpakstan. Due to the use of new technologies in increasing the average daily and obesity of broiler chickens, the characteristics of the order of storage of broiler chickens are being studied by conducting experiments on crosses “Sibiryak” and “ROSS-308”.

The purpose of the study. Studying the prospects of poultry farming in the conditions of the farm “Karakalpak Mahsulotlari” LLC, located in the Amudarya district of the Republic of Karakalpakstan. The research focused on methods of keeping broiler chickens, adherence to breeding and zoohygienic rules, feeding them on the basis of complete feed mix recipes using local feeds, preservation, growth and development of chickens, meat productivity and meat quality of broiler chickens.

Methods of the research. Recommendation on the basis of feed grown in the poultry farm “Karakalpak Mahsulotlari” LLC, located in Amudarya district of the Republic of Karakalpakstan, the organization of full-fledged feeding, breeding of environmentally friendly broiler meat, breeding of cross-breeding birds. To do this, before storing broiler chickens, it is advisable to use a 10–15 cm thick straw wood shavings, crushed poppy stalks as a disinfectant floor using a 5% farmolin solution and gaseous flame.

When grown in cages, the amount of broiler chickens raised per 1 sq. m of the room is more than when they are grown on the ground.

To determine the amount of broiler meat production per 1 sq. m area of the rooms, it is necessary to divide the total production of broiler meat by the production surface of the rooms in the breeding farm. The amount of meat of broiler chickens produced in a year is determined by multiplying their average live weight before slaughter by the number of heads.

Feeding broiler chickens should be done with a full-value thick mixed feed so that they are able to eat as much of the food as they want. The composition and full-value of mixed feeds depend on the growth period of broiler chicks.

Typically, 2 types of rations are used for broiler chickens: start – from 1 day to 4 weeks of age and indicated period, finish – rations from 4 weeks of age until slaughter.

**REFERENCES**

1. Fisinin G.A. Industrial poultry farming. Textbook. Moscow. Kolos, 1990
2. Boyko P.E. Production of eggs and meat on an industrial basis. Textbook. Moscow, Kolos, 1996
3. Bogolyusky S.I. "Selection of agricultural poultry". Study guides. M, Agropromizdat 1991
4. Lev I. Chiba. Animal Nutrition Handbook. Second Revision. New York. 2009.