



## EGG PRODUCTIVITY AND EGG QUALITY IN EGG-LAYING CHICKENS FED WITH "PROBIOCORM"

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**Abstract.** *This in the article “ ProBioKorm ” probiotic feed of the suffix egg-maker in chickens egg number efficiency and egg quality indicators impact studied . 45 days experience during egg number , weight , shell thickness and structural quality such as parameters control and experience groups in the section by comparison analysis The research was conducted probiotics without antibiotics in poultry farming stable productivity in provision important importance based on gives .*

**Key words :** *Poultry , probiotic , ProBioKorm , diet , microorganisms , feed .*

**Subject relevance .** Today on the day poultry farming on the network healthy and high good quality food to their products was demand increasing Especially eggs in the direction of from chickens removable products population daily in the diet important place holds . With this together , antibiotics instead of safe and ecological clean alternatives current to grow necessity further Probiotics , especially “ ProBioKorm ” , are increasing . feed additives , eggs in the direction of in chickens egg number efficiency increase , egg quality improve and of birds general health in strengthening promising tool as is being considered . Therefore for this research topic not only scientific , maybe practical also relevant is considered .

**Research purpose and tasks .**



1." ProBioKorm" probiotic egg in the direction of of chickens egg number indicators study the impact .

2. Egg weight , shell thickness and other quality indicators to analyze .

3. Probiotic used of chickens general health and feed digestion to do assessing effectiveness .

4. From probiotics of use in poultry farming economic efficiency show .  
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Login . Current on the day population food to their products was demand to satisfy , especially ecological clean , healthy and nutritious poultry farming products with provision village farm in front of standing the most current from tasks is one . Egg in the direction of poultry farming — nutritional value high and cheap animal products working in the release leader network Eggs human organism for necessary was proteins , vitamins and rich in microelements , constantly need there is was food from sources is one.Last in years from antibiotics use reduce and biological safe livestock products to cultivate aimed at approaches wide apply In particular , probiotic preparations — animal and of poultry intestine microflora normalization , immune system strengthening , nourishment of substances digestion to be improve through productivity in increasing important importance profession This issue is being addressed by the state. policy at the same level on the contrary found . Uzbekistan Republic Presidential Decree No. PQ-120 of February 8, 2022 with approved “ Livestock field and his/her networks develop for 2022–2026 in the program healthy and productive thoroughbred poultry cultivation , their productivity in increasing modern , ecological safe technologies current to grow task specified .



**Work progress .** Experience 40 head for 20 weeks egg in the direction of chickens selectively taken and they equal two to the group divided : control group (20) and experience group (20). Each two to the group main feed one kind in quantity given , only experience of the group daily " ProBioKorm " probiotic in the amount of 2% of the diet adding was given . Experience The deadline is 45 days. organization This period during egg number weekly on account writing went . Observations as a result experience in the group egg number control to the group relatively by an average of 12% many happened record Also , the experience in the group of eggs average weight 3.1 per gram high It's over , the shell. thickness and strength and by 9% These results indicate that the probiotic " ProBioKorm " of food digestion to be improved and substance exchange activated shows .

Indicator	Control group	Experimental group	Difference (%)
Average number of eggs	240.0	269.0	+12%
Egg weight (g)	56.0	59.1	+5.5%
Shell thickness (mm)	0.33	0.36	+9%
Egg integrity (%)	78.0	92.0	+14%

**Conclusion.** Conducted experiments as a result It turns out that the egg in the direction of of chickens “ ProBioKorm ” probiotic for the diet feed addition add their productivity and egg to the quality positive impact In particular , experience shows in the group in chickens egg number growth , weight , shell strength and general physiological of the situation improvement was observed . This results ,



probiotic of additions intestine microflora improve , feed of the substances absorption strengthen and organism general status improve with It is also explained that without antibiotics poultry farming development , environmental clean and safe products working release Like “ ProBioKorm ” on the way probiotics promising tool that has been proven . This research results from probiotics in practice wide use opportunities open gives and poultry farming on the network economic efficiency to increase service does .

### Used literature .

1. Косимов С. Ж., Бахтиёров Ш. Б. СУБКЛИНИЧЕСКИЙ КЕТОЗ У ВЫСОКОПРОДУКТИВНЫХ КОРОВ //INNOVATIVE DEVELOPMENTS AND RESEARCH IN EDUCATION. – 2025. – Т. 4. – №. 38. – С. 4-8.
2. Касимов С. Ж., Мамацалаева З. ИНФЕКЦИОННЫЙ БРОНХИТ ПТИЦ //Global Science Review. – 2025. – Т. 2. – №. 1. – С. 80-83.
3. Qosimov S. J., Sh U. K. Hypovitaminosis A And D In Young Animals //American Journal of Advanced Scientific Research. – 2025. – Т. 2. – №. 10. – С. 79-84.
4. Qasimov S. J. et al. SPREAD OF DISEASES OF METABOLISM DISORDERS IN FISH //AGROBIOTEKNOLOGIYA VA VETERINARIYA TIBBIYOTI ILMIY JURNALI. – 2022. – С. 439-444.
5. Eshburiyev S. et al. ПРОФИЛАКТИКА НАРУШЕНИЯ БЕЛКОВОГО ОБМЕНА У РЫБ //Вестник ветеринарии и животноводства (ssuv. uz). – 2021. – Т. 1. – №. 1.
6. O'g'li E. Influence of herbaceous grain on Ferula assafoet on the quantitative and qualitative characteristics of snowflake rams sperm //Asian Journal of Multidimensional Research (AJMR). – 2019. – Т. 8. – №. 11. – С. 6-10.



7. Eshmatov G. E. Harmony of education and student development in the process of physical education. – 2022.
8. Eshmatov G. THE EFFECT OF FERULA ASSAFOETIDA GRAIN ON THE ORGANISM OF KARAKOL SHEEP //Ethiopian International Journal of Multidisciplinary Research. – 2023. – Т. 10. – №. 12. – С. 248-251.
9. Ниязов Х. Б. ДЕЙСТВИЕ СЕМЯН ФЕРУЛЫ НА МОРФОЛОГИЧЕСКИЕ ПОКАЗАТЕЛИ КРОВИ И ПЛОДОВИТОСТЬ КРОЛИКОВ //Zbiór artykułów naukowych recenzowanych. – С. 80.
10. Эшматов Г. Х., Маматсалаева З. О. ЗНАЧЕНИЕ СОВРЕМЕННОЙ ВЕТЕРИНАРНОЙ МЕДИЦИНЫ В ЛЕЧЕНИИ ЛАМИНИТА У ЛОШАДЕЙ //Global Science Review. – 2025. – Т. 2. – №. 1. – С. 84-86.