

EVALUATION OF GROWTH ABILITY AND MEAT PRODUCTION OF HYBRI COMBINATION ♂ CAY CUM CHICKEN WITH ♀ CHICKEN (♂ RI X ♀ LUONG PHUONG) IN THAI NGUYEN

Bui Thi Thom, Tran Van Phung, Duong Duc Hoan

Summary

Cay Cum chicken is the local poultry that is purebred with no pope's nose and lower tail, achieved through the process of selective breeding. This kind of fowls is a rare genetic source that needs to be researched to create and evaluate the growth, productivity, meat quality, economic efficiency of crossbreds and meet the market's demand. The experiment was carried out to study about the hybrids [♂Cáy Cùm x ♀ (F1 (♂ Ri x ♀Lương Phương))] (CCRP) with 300 chickens, to compare the caged group with grazing one, which is repeatedly 3 times with a number of 150 chickens each group. The results showed that the growth of CCRP tested (16 weeks) had the average weight of 1978.8 grams and 1850.5 grams in caged and grazing flocks, respectively. Feed Conversion Ratio (FCR) reached 3.35 kg and 3.73 kg in the caged and grazing groups, respectively. The yield and quality of CCRP hybrids were good, consistent with practical demands; the results between caged group and semi-grazing one are nearly the same. Only VCK figure in the semi-grazing flock is higher than that in caged one. Economic efficiency of semi-grazing group is 3.538.000 VND higher than caged one in the same experimental conditions. For hybrid CCRP, semi-grazing is the most suitable and effective method.

Keywords: *Cay Cum, Cay Cum chicken crossbreed, growth, meat production.*