

GROWTH RATE AND MEAT YIELD OF COMMERCIAL SEA DUCK 15 - DAI XUYEN

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Summary

The experiment was conducted on Sea Duck 15 - Dai Xuyen at Daixuyen Duck Research Center from 1/2017 to 3/2017. From HY1 and HY2 ducks, created HY12 commercial crossbred ducks. The experiment was to identify the growth rate, meat yield and economic efficiency for HY1, HY2 and HY12 ducks. The results shown that: The high survival rate of HY12 crossbred ducks was highest, at 10 weeks of age reached 100%, the heterosis for survival rate was 5.26% compared to HY1 and HY2 ducks. The body weight at 10 weeks of HY12 ducks was 2,741.90 g/duck, the heterosis for body weight was 5.38%, and the absolute growth rate was 6 weeks at 61.60 g/duck/day. The carcasses percentage of HY12 ducks was 71.85% at 10 weeks of age, lean meat percentage was 16.73%, feed consumption per kg was 2.62 kg. The heterosis for feed consumption ratio of HY12 ducks was -3.14%. The production index and economic index of HY12 ducks was 149.50 - 202.78 and 0.66 - 1.08, respectively. Economic efficiency of HY12 commercial crossbred ducks was highest, interest rate/100 duck was 2,196,044 VND, the interest rate on investment cost was 0.39.

Keywords: *Seaduck 15 - Dai Xuyen, HY12 commercial crossbred ducks, growth rate, meat yield, economic efficiency, heterosis.*