

EFFECT OF STOCKING DENSITIES ON THE GROWTH AND SURVIVAL RATE OF CZECH SCALE COMMON CARP

**Nguyen Thi Ha, Vu Thi Trang, Pham Duc Luong,
Nguyen Xuan Tien, Pham Thai Giang**

Summary

Common Carp is an important freshwater fish for aquaculture in Vietnam. The reduction of seed quality recently requires new studies to solve this issue. In this study, grow-out culture technique of Czech Scale Common Carp (ROPxTAT) in Vietnam condition was investigated from 9/2017 – 9/2018. The success of this study contributes to diversify the farming species in freshwater. Two stocking densities, including 1.0 fish/m² and 1.5 fish/m² were studied. The initial average length of fish was 9.97 ± 0.47 cm, and average body weight was 10.34 ± 0.63 g. Fish were fed by the floating pellet with 30% protein content. The feeding ration 3-7% body weight was daily provided, depending on developmental stages. After 12 months culture period, the average of 2427 ± 139 g/individual, 94.4 ± 5.8% survival rate, and 2.2 ± 0.21 FCR were obtained at the stocking density 1fish/m². These results will provide useful information for production practices.

Keywords: *Czech Scale Common Carp, stocking densities, growth rate.*