

Monoculture of Pikeperch (*Sander lucioperca*) in Intensive system
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Abstract

Pike perch is valuable, endemic and economical species of the Caspian Sea. Since the 1986, it has only been considered for stock enhancement. So, in this research has been tried to reach of biotechnical production. The weaning of pike perch was taken manually for 12 days, which was first used for chironomid larvae, and gradually the concentrate and half-immersed plate were used. The appropriate breeding temperature is 23 degrees, Suitable light period is 12L: 12. In this study, the growth parameters of pike perch were calculated over 14 months, the average weight of fishes reached from 2.8 gr to 203 gr (max=600 gr). The highest survival rate occurred in the third phase with 91% and SGR was 0.7.

Key words: pike perch, growth, weaning to artificial food, Iran