
RIPE EGGS AND FECUNDITY OF FIRST TIME MATURED RAINBOW TROUT (ONCORHYNCHUS MYKISS) UNDER CONDITIONS OF CHIRCHIK RIVER, UZBEKISTAN

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ABSTRACT

The parameters of the female rainbow trout (Oncorhynchus mykiss) reproductive biology, grown from imported eyed eggs in the conditions of the Tashkent region of Uzbekistan were studied. Females reached firstmaturation at the 3-years-old age; females were 40-66 (mean-55.2) cm of total body length, 1370 - 5450 (2963.6) g of total body weight. Gonad weight at stage IV varied 300-900 (532.4) g, the absolute fecundity - 2520-15660 (5981.4) eggs. The ripe eggs size varied 3.6-6.0 mm, the individual average size of ripe eggs varied 4.43 - 5 (4.86) mm.

KEYWORDS: *Rainbow trout, Oncorhynchus mykiss, ripe oocytes size, absolute fecundity, Uzbekistan*

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