

The invention refers to pisciculture, in particular to a process for silver carp and bighead carp artificial reproduction. The process for silver carp and bighead carp artificial reproduction includes common placement of the males and females into a basin with medium controlled conditions. A day before the artificial reproduction the temperature in the basin is increased up to 22...24°C, it is created therein a zone of water turbulent flows with the velocity of 0,3...0,5 m/s and are carried out periodic oscillations of the water level with an amplitude of 0,5...0,6 m. The injection of exohormonal preparations is carried out depending on the value of displacement from the nucleus centre in the ovigerms, namely at the 55...70% displacement the reproducers of both fish species are injected normative doses of exohormonal preparations, at the 80...90% displacement the males and females of silver carp are injected 10% and, respectively, 50% from the normative doses, and the females of bighead carp are double injected 25% from the normative dose of exohormonal preparations and the males are singly injected 30% from the normative dose. The spawn and the sperm are obtained manually by straining off into dishes; the obtained spawn is fecundated and placed into the hatching apparatuses.

Claims: 3