

The invention relates to pisciculture, in particular to a process for reproduction of grass carp.

The process includes placement of reproducers in the basin and their stimulation by controlling the environmental conditions in the basin: increase of water temperature up to 22...24°C a day prior to the beginning of reproduction, creation therein of the zone of turbulent water flows at a rate of 0.3...0.5 m/s, carrying out of periodic oscillations of water level with an amplitude of 0.5...0.6 m and by introducing exohormonal preparations depending on the magnitude of displacement from the centre of nucleus in the eggs. When shifting the nucleus from the centre by 60...70% are stimulated the producers in the first decade of the reproductive period with normative doses of exohormonal preparations or in the second decade of the reproductive period are stimulated the females by 50% of the normative dose and the males with a normative dose, when shifting the nucleus from the centre by 80...90% are stimulated the producers only in the first decade of the reproductive period by 15...20% of the normative doses of exohormonal preparations. The spawn and sperm are obtained by manual straining into the cells, and the obtained spawn is fecundated and placed in the incubation apparatuses.

Claims: 1