

# EFFICIENCY OF HERBIVOROUS FISH FARMING IN DENGIZKOL LAKE.

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**Annotation:** Today, the demand for food is growing and there is a shortage of foods rich in protein and vitamins. In our article we will talk about the effectiveness of fish farming in Lake Dengizkol.

**Keywords:** Fishing, aquaculture, efficiency, Dengizkol, whitefish.

Fishing and aquaculture are a major part of food production. Fish and fish products are rich in quality protein, vitamins A and D. World average fish consumption is 16.6 kg / year. In 1991, 27,000 tons of fish were caught in Uzbek waters, and in 2006, 7,300 tons of fish were caught. As a result, fish consumption fell to 5-6 kg / year per capita. But according to the medical staff of the republic, they should consume 12 kg of fish per year. In July 2007, the Ministry of Agriculture and Water Resources of Uzbekistan appealed to the Food and Agriculture Organization of the United Nations (FAO) to support the development of fishing and aquaculture in Uzbekistan. indicates In this regard, a draft program of technical cooperation FAO / TSP / UZB / 3103 (D) was developed, a program of sustainable development of the cooperation strategy - fishing and aquaculture in Uzbekistan was developed. The program was approved by the Institute of Water Problems under the Academy of Sciences of the Republic of Uzbekistan, the Institute of Plant and Animal Gene Pool. Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated August 13, 2003 №350. In accordance with the decision on measures to deepen demonopolization and privatization in the fisheries sector, all water bodies in Bukhara region have been privatized since November. In

Bukhara region, the area of Dengizkol - 35 thousand, Kara Kir - 27 thousand / ha. Oitma - 14.2 thousand / ha, Khadija - 10 thousand / ha, Zamonbobo - 8.2 thousand / ha, Devkhona - 1700 ha Zikri - 2000g Qumsulton 3.5 thousand / ha natural lakes and 1 Shurko 1 reservoir - the area is 2.5 thousand / ha. Their total area is more than 100 thousand / ha. Natural waters were handed over to fishing enterprises. 220 tons of barley oil or 2.2 kg / ha of fish products were obtained from natural waters. This figure is 18 kg / ha nationwide.

The only way to use food resources wisely in natural waters is through additional fishing. We know that herbivorous fish are used to improve the biomeliorative state of natural waters. Especially white amur canals improve the bio-ameliorative state of the water by cleaning the canals, natural waters from high algae (reeds, lux, coga, rdest, urut, hara, hornbeam). White clover, on the other hand, prevents the eutrophication of water by consuming microscopic algae in the water. The second positive aspect of herbivorous fish is that they have high fish productivity. Due to the reophilic nature of herbivores, the canal, which is stopped or slow-flowing, does not lay its eggs in ditches. There are huge barriers that prevent them from laying their eggs in lakes, reservoirs, ditches, canals and rivers. For this reason, an incubation workshop is used to breed natural grasses and breed from herbivorous fish. In the case of sex, it is necessary to use the method of inoculation of herbivores using the method of injection.

The herbivorous fish were studied in the fish farm "Dengizkol" in aquaculture. The obesity coefficient of the white amur segoletka was found to be 1.44, and the obesity coefficient of the white amur segoletka was found to be 1.99. So far, it has been determined that the white supremacy is in line with market economic policy. Its nutrient coefficient is 10 and consists mainly of phytoplankton and detritus. That is why mineral and organic fertilizers are the main food of white manure. White carp also eat a balanced diet like carp. The body price of a balanced diet in the market is much higher. Practical significance of the work: white amur and white-tailed deer mainly improve ameliorative condition by clearing canals of

ameliorative value from high algae, while white-tailed deer removes microorganisms from microscopic algae in water, while increasing fish productivity. The growth has a high degree of ser budding. In this regard, herbivorous fish are the main fish of the aquaculture of Bukhara region. In the future, pasture aquaculture will be the main fish.

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