

ANALYSIS OF FISH PRODUCTION IN CAGE DEVICES UNDER THE CONDITIONS OF THE GOLDIN FISH FISHING CLUSTER

Zikriyoyev Alixon Islom o'g'li

Tashkent State Agrarian University Stage 2 Master of Fisheries

E-mail: Alixonzikriyoyev30@gmail.com

Candidate of Agricultural Sciences Associate Professor **Qaxramonov. B. A**

b.kaxramanov@mail.ru

Elmurodov Amirshoh Aslonovich

Tashkent State Agrarian University Stage 2 Master of Fisheries

E-mail: lion95257@gmail.com

ANNOTATION

The role of fish products in satisfying the body's demand for useful elements is incomparable. It is gratifying that in today's era, when the issue of healthy eating was on the agenda, the demand of our people for this product is growing. The scale of work carried out in our country to meet the current demand is also not small. For 9 months of this year alone, 82.8 thousand tons of fish were grown in the Republic, which indicates an increase of 23 thousand tons compared to the same period last year.

Importantly, the choice of the buyer is expanding due to the increase in the number and quality of fish species, industrially produced domestic finished fish products in the stalls of markets and shops. While in the past, mainly white and chipor dungpeshona, carp fish were grown by the farms, in recent years, the breeding of such species as forel`, osyotr, salmon and African larch imported from abroad has been developing on our own.

-As a result of the allocation of subsidies from the state budget in order to support entrepreneurs growing such valuable cold water fish, 7 farms were launched, the number of farms in this direction was increased to 20, the annual production capacity was increased to 3.5 thousand tons, — said Maqsud Ostonov, deputy chairman of the Uzbek balik sanoat Association. — 2 feed producers and 3 fish processing enterprises were launched in order to provide high-quality feed to

the grown fish. Now there are 67 feed producers and 63 fish processing enterprises operating in the Republic. The number of fish species produced industrially increased from 5 to 9.

It is possible to talk about the beneficial aspects of fish as desired. It has long been loved and eaten as a healing dish that cleans the human body, strengthens bones and teeth. In particular, rapid digestion and dieteism further increase the value of fish.

Fishing, on the other hand, is one of the most productive sectors of Agriculture and has great economic importance. According to data, several tens of million tons of fish are caught annually from the seas and oceans around the world. While some of them are used directly to the dish, the rest is processed and eaten salted, smoked, frozen or canned. It is also popular to make products from fish such as valuable fish oil and fish flour.

Fishing in our country is developing, especially in the following years. Artificial lakes are growing in the regions and the number of fish farms is increasing. New technologies are entering the network. In particular, intensive fish production is effective. The high yield from this is difficult to achieve in ordinary lakes. On top of that, large areas are not required to grow fish in an intensive way. Even better yields can be obtained from an artificial pond, which can be installed in a small, compact place.

Therefore, our farmers widely use the intensive method of growing fish. It is also recognized that fish grown in the methods of a closed water circulation system, intensive small ponds, cages and “rice+fish” are beneficial for human health.

This accessibility has been particularly helpful in providing employment and increasing income for people in rural areas. In particular, in the intensive method of growing fish in the population's households, as well as in the cooperative method, a “chamber — cooperative — cluster” chain was created, bringing the number of fish-growing families to 800 this year. The cultivation of forelfish has been established in 134 households in the districts of Bostonians, towns, Karshi,

Kitab and Sariasiya. The employment of 800 unemployed residents was ensured, bringing the volume of fish grown to 1,000 tons.

The number of entrepreneurs engaged in fishing in the regions is also increasing. 6 artificial lakes for fish farming have been established on the farm “Iftikhor Zahro” in Mingbulok District of Namangan region. 5 different types of fish stumps are thrown into these lakes on an area of 55 hectares in early spring, and 400 tons of fish are grown per year. The estate employed 13 people.

128 fish farms in the district are also satisfied with the harvest they are getting. In the current year, more than 6,400 tons of fish are intended for the 2,050 hectare basins belonging to them.

In the limited liability company “Octams fish” in the kashkadarya region, fish species such as carp, African larch, White amur are grown. Recently, osyotr and V'etnam carp have also been added between them. The cultivation of this type of fish was the first to be established in the province. The osyotranfish, which is mainly raised to obtain caviar, is now being localized here.

Created in 2018, this fishery has created 6 artificial basins, 8 and 4 building complexes for intensive fish production. At the same time, 8 permanent and 5 seasonal workers work. In the future, training courses for young people will be organized here and the development of chavoq in the laboratory will be established.

Fishing is gaining popularity in apartments

Another of the important lines of the network — fishing clusters-is of great importance in this regard. According to the” uzbekbaliksanoat " association, 9 such clusters were established this year, bringing the number to 35. 29 thousand tons of Fish and 14 thousand tons of fish products have been produced by them so far.

Gold fish agro export LLC of Sharaf Rashidov District of Jizzakh region continues its activities in a cluster style since the current year. Valued at ₹ 30 billion, the project covered the production of fish, processing, feed, ranging from the preparation of whiskers. In general, the cluster has a capacity of 500 tons of

fish per year. There is also a fish processing workshop, modern refrigerators with a capacity of 800 tons.

The cluster included a large-scale space and large plans. In 4 hectares of a total area of 43 hectares, fish is grown in an intensive and semi-intensive way. Abror Narziyev, the founder of the cluster, has established intensive fishing in a new way, based on modern Chinese technology. In this case, the artificial pond does not require constant water, but processes the water in it. Up to a thousand carp are now fed in every artificial pond. And in artificial lakes, which cover an area of 2 hectares, fish is being cared for in a semi-intensive way.

— Everyone is interested in fishing, has a chance at home, but her husband, there are no 10 thousand cubic water flowing, - explains the entrepreneur. — I set up a technology for obtaining a harvest of 2 March in a year in 100 cubes of water. 5 artificial ponds are installed in only 3 places. 20 cubes of water are poured into each of them. The water is pulled out with special aggregates, passed through a filter, biofilter and again poured back into an artificial pond. Since fish fed in this way is in constant motion, the taste is also delicious.

In the cluster, only carp fish are multiplied. In each artificial pond there are a thousand fish, and from 5 pools 6 tons are harvested in 6 months. The entrepreneur's harvest last year was 70 tons. Delicious fish grown here have a large number of buyers from Khorezm to Karakalpakstan, even in neighboring Tajikistan.

It is even more surprising that artificial water bodies are installed inside the greenhouse. Abror brother says that the average temperature kept inside the greenhouse causes a harvest of 2 March per year. The fact is that in the winter cold, fish do not eat, sleep. At warm temperatures, however, there is no need for this process. Fish do not kanda feeding, continuing to swim under the influence of warm temperatures. In addition, cleanliness is always maintained in the reservoir due to the fact that the technology provides up to 14 percent oxygen.

As an experiment by the cluster from the current year, Sh. In the districts of Rashidov, Zarbdor and Zomin, the “house-cluster” cooperative method of fish farming was organized and work was started on ensuring employment of the population. In the process, a small-scale artificial pond, which is being created on the basis of Chinese technology, is installed by the entrepreneur in the household of the population, and fish stacks are laid out. 22 apartments have now been fitted with such pools.

— In the way we propose, in half a dozen places, you can get 1 ton and 200 kilograms in 6 months, in 1 year — 2-2.5 tons of Fish, - says Abror Narziev. — This means an income of 35 million. The applicants are being taken to their homes and installed the pools. A thousand chavoks are fed in them. Anyone can start this work in their apartment, at the expense of obtaining a loan of 33 million from the bank. However, if you study less first and then start working, there will be a good result. There should not be an opinion that I know that I can do it myself. As far as possible, we recommend that young people, those interested in this work, first study in our training courses for free and then start working.

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