

The importance of algae in the national economy**R.N.Mominova,**

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Annotation: Livestock, piillage, farming, poultry farming and other. the role of green water grass - chlorellanng in the development of a number of succulents is benikhoya large. The article highlights the great importance of green water grass - chlorellanng in the national economy. It also indicates its distribution and chemical composition, methods of use.

The solution of a number of life problems in Uzbekistan is an urgent task. Of these, the most important are the cultivation of cotton and grain on the road. Without solving these problems, the economy and social life of the Republic cannot be developed. The development of chlorella biotechnology is the most important guideline of today. Livestock, piillage, farming, poultry farming and other. the role of green water grass - chlorellanng in the development of a number of succulents is benign. The inexhaustible deposit of chlorella in increasing soil fertility, free of toxic chemicals, protection from pests is an extremely necessary, characteristic resource for the benefit, service of the great, great grandfather.

Chlorella is a small, single-celled genus of green algae belonging to the class of chlorococci. The cell is round or elliptical in shape. The size is 5-12 μm , surrounded by a thin and strong shell. Inside the cell: chloroplast and pyrenoid are located. Multiplies asexual. In nature, chlorella is very common and is found in various water basins, in moist soils. More than 40 species of chlorella have been identified, of which there are 18 species in the CIS, including 5 in Central Asia. In nature, chlorella (*Chlorella vulgaris*) is the most common.

For the first time, chlorella was grown clean in 1890 year and its biology and ecology were studied. Chlorella food; - can be used in the food industry, pharmaceuticals, animal husbandry, biological cleaning of Dirty Waters, regeneration of air in closed ecological systems (spacecraft, submarines). Because it is rich in various substances, chlorella can be consumed in conditer products, adding to certain drink ingredients. It is added to the composition of various drugs. The healing properties of MAS and suppositories made with the addition of chlorella are better than those without the addition of chlorella. When cattle, sheep, goats and others are added 2-10 l of chlorella suspension per day to ration, their live weight increases by 15— 20 percent, and milk yield by 13-18 percent. When chlorella paste is added to the ration of chicks and chickens in the amount of 0.2—2.5 grams, their live weight is 13-20 percent, egg—making is 12 percent, and the vitamin A microns contained in the eggs are anicized by an increase of 1.5-2 times. The importance of chlorella in sericulture is also great. As a result of spraying the chlorella suspension on the mulberry leaf, the weight of the worms increases to 15-25 percent, and the weight of the cocoon increases to 13.1 -18 percent. The difference between chlorella and other crops in rural agriculture is that as its growing environment changes, the amount of protein, fat, and other nutrients it contains can also change. This will allow you to get protein, fats, vitamins, antibiotics and other substances on the basis of growing chlorella in the future. Studies have shown that chlorella grows well when there are salts of nitrogen, phosphorus, potassium, magnesium in the water, it turned out that it needs various microelements, including iron, as well as manure juice. As long as it grows well in 20-70 thousand lux light during this summer. Chlorella began to attract the attention of scientists more and more in later times. This water herb accelerates very quickly in favorable conditions. Chlorella is distinguished by a piquancy. Yashi algae has been found to contain iodine, radium, bromine, arsenic, cobalt, potassium, phosphorus and many other elments that are extremely necessary for life.

Useful chlorella contains up to 56 percent of total protein, 50 percent of pure protein 7-15 percent, and useful elements, the composition of this water herb contains 23 types of amino acids, including raw materials of the necessary amino acids: lysine - 10.2 percent, methionine - 1.4 tryptophan-2.2 arginine-15.8 histidine-3.3 leucine-6.1 isoleucine 3-4 phenylalans-2.8 threonine-2.9 and valine-5.5 percent.

Chlorella is high in various vitamins. One hundred grams of dry biomass contains 78.0 mg of carotene, vitamin V6 - 2.30; vitamin V2 - 3.5; vitamin V12 - 25.0; 302-choline, 145 mg of nicotinic acid.

This algae is rich in protein, vitamins and other nutrients, sources, it is advisable to use it as food and fodder insects. In Uzbekistan, there are natural climatic conditions for the use of chlorella.

Meanwhile, in a number of foreign countries, chlorella and Baska algae are used as raw materials for food. Chlorella and other water in Japan, China, Korea and other Western countries

when herbs are used in the preparation of condiments and dairy products, delicacies, dishes, various drinks.

Grain production also plays a role in the conditions of Uzbekistan. This crop is planted in our farm in two ways: the first in lalmi Khol and the second in irrigation. When the spike crops are planted in the land of Lalmi, it is injected into the suspension of the seedchlorella to obtain a greater harvest than usual. Chlorella suspension in special lothocks costs 10-15 million. in ml/ l cell thickness / ivitiib is planted for 4-5 hours. In this case, the seedless sprouts, the soil retains moisture well in itself. Spraying a suspension of chlorella with the help of a spraying apparatus 2-3 times over the sprouted green mass will lead to the fact that the sprouts will develop, the roots will progress, the spikes will do. Dressing is plentiful.

Chlorella suspension will need to be brought in special containers and placed in ditches where water flows. In doing so, chlorella spreads with water to the crop, and in the upper layer of the soil, the water grass increases moisture well stored. With this, a crop is added to the crop, the composition of the soil is enriched and the structure is improved.

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