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## **«СТУДЕНЧЕСКИЙ ВЕСТНИК»**

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**SOCIAL AND ECONOMIC SCIENCE****SECTION 3.****ECONOMY****CONDITION AND SIGNIFICANCE OF GROWTH OF MELON PRODUCTS***Uchqun Alimov**Doctorant, Tashkent Institute of Irrigation and Agricultural Mechanization Engineers,  
Uzbekistan, Tashkent**Shoxrux Turdiqulov**Student, Tashkent Institute of Irrigation and Agricultural Mechanization Engineers,  
Uzbekistan, Tashkent***ABSTRACT**

The article provides information on opportunities and challenges in the cultivation and export of horticultural products in Uzbekistan. The role of the industry in ensuring food security and healthy eating has been explained based on the experience of foreign countries.

**Keywords:** melon growing, hidden hunger, food safety, organic product.

Ensuring food security and providing the population with quality food products is one of the main tasks of every state. Increasing the production of quality and nutritious consumer goods in line with the growing needs of the population is one of the most pressing issues for many countries today. The presence of nutrients for the human body in food is one of the main students. According to FAO, 340 million children under the age of 5 in the world, or one in two children, suffer from “hidden hunger” due to micronutrient deficiencies.

Resolution of the President of the Republic of Uzbekistan dated May 11, 2020 No PP-4749 "On additional measures to specialize the regions of the Republic in the cultivation of agricultural products " serves as a basis for solving problems in the field over the years. In particular, it is known that the specialization of the regions in the cultivation of competitive agricultural products that can meet the requirements of world markets is the right way to provide the domestic market with quality products and increase the export potential of the country. The resolution pays special attention to this issue. "Transfer of 20 hectares of land in Karamazor area of Zaamin district, where water supply and infrastructure are available at an altitude of 1-1.5 thousand meters above sea level, to the balance of the Research Institute of Vegetables, Melons and Potatoes ..." several farmers and the total area of each not exceeding 35 hectares 120 million soums per 35 hectares in accordance with the relevant permits issued by the competent authorities for the special use of water or special consumption of water for the construction of wells for the extraction of water, as well as pumping stations from rivers, canals and other water bodies on the basis of mutual agreement of agricultural enterprises Allocation of subsidies in the amount not exceeding ... " is intended to solve the existing scientific, technical and material problems in the development of the industry and production . In 2020-2022, 6566 hectares of land in Jizzakh region will be specialized for the cultivation of horticultural products.

Growing and exporting melons and gourds on the world market is a lucrative activity. In 2019, the global melon market revenue was \$ 27.4 billion, up 2.2 percent from 2017. The global melon market grew by an average of 2.1 percent annually from 2007 to 2019. This means that melons are becoming one of the main consumer goods of the world's population. In 2019, the highest

per capita melon consumption was recorded in Kazakhstan (50 kg per capita), followed by Turkey (22 kg per capita), Iran (19 kg per capita) and Morocco. (15 kg per person). The average per capita consumption of melons in the world was 4.25 kg per person. In 2019, 1.2 million hectares of melons and gourds will be grown to provide the world's population with quality melons and increase economic interest in the industry. China, Turkey and Iran are world leaders in melon production.

Spain and Guatemala lead in exports of melons with 34% of total exports. It is followed by Honduras (11%), Brazil (10%), the United States (8.7%), the Netherlands (6.8%), Costa Rica (5.7%) and Mexico (5.7%).

The observations show that Uzbekistan has ample opportunities for growing and exporting melons and gourds. The rational use of these opportunities will serve to increase the economic efficiency of the network. The following options can be listed:

- natural climatic conditions;
- has long been used in the cultivation of melons experience;
- existing attention paid by the state to the development of the sector.

*Table 1.*

**Despite the above opportunities, the cultivation of melons in Uzbekistan did not maintain the growth trend in 2017-2019**

Economic categories	Arrows	2017 year	2018 year	2019 year	Growth in 2019 compared to 2017
Farms	A thousand tons	999,0	728,7	753,5	-245,5
	Growth rate, %	98,6	3,8	39,2	75,4
Dehkan (household) farms	A thousand tons	1061,0	1158,7	1149,5	+88,5
	Growth rate, %	106,2	109,4	100,1	108,3
Organizations engaged in agricultural activities	A thousand tons	34,8	17,5	19,2	-15,6
	Growth rate, %	108,4	95,0	1,0	55,2
Farms of all categories	A thousand tons	2094,8	1904,9	1922,2	-172,6
	Growth rate, %	102,4	93,8	104,6	91,8

In 2017, all categories of farms produced a total of 2,094.8 thousand tons of melons, an increase of 102.4% compared to 2016. Of this, 999.0 thousand tons or 47.7% of total melons were grown by farms. Dehkan (personal assistant) farms grew 1061.0 thousand tons or 50.6% of melons, while agricultural organizations grew 34.8 thousand tons or 1.7% of melons. In 2018, a total of 1904.9 thousand tons of melons were grown, of which 728.7 thousand tons (38.3%) were farms, 1158.7 thousand tons (60.8%) were farms (personal assistants) and 17.5 thousand tons (9.1%) were grown by agricultural organizations. The total volume of melons grown in 2019 amounted to 1922.2 thousand tons, of which 753.5 thousand tons (39.2%) were farms, 1149.5 thousand tons (59.8%) were farms (personal assistants) and 19, 2,000 tons (1%) were grown by organizations engaged in agricultural activities. The data show that while the production of melons in 2019 decreased by 8.2% compared to 2017, in the corresponding period by farmers (personal assistant) farms increased by 8.3%. In 2020, a total of 87,000 hectares will be planted with melons and 2504,000 tons are planned to be grown.

At a time when the world's melon production is on the rise, production in Uzbekistan continues to decline. This determines the urgency of the problems to be solved in the network. The observations revealed the following problems in the horticultural network:

- low score quality of melons;
- high prices for melons and gourds;
- lack of cultivation of varieties and species that are competitive in the world market;
- lack of a large-scale market for melons and gourds;

- scattered activity of melon growers conduct

In conclusion, the development of the horticultural sector is not only economically but also socially important. Focus on issues such as improving the quality of arable land to bring melon production in line with global growth trends and competitiveness, establishing horizontal and vertical cooperatives of producers, developing varieties and species with long and high-quality storage capacity in demand in the world market, creating a system of organic production should.

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