



DEVELOPMENT OF PRODUCTION OF ORGANIC PRODUCTS IN THE REPUBLIC

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Abstract

Today, it is considered an effective alternative to organic production, and helping to develop it helps to produce high-quality specific products that are beneficial for human health, but also helps to produce the environment. . The theoretical aspects of the production of organic products and products produced in our republic are presented in the article.

Keywords: Organic agriculture, public health, ecological products, organic food products.

Introduction

Today, the production of organic clean products and the demand for them are increasing all over the world. For example, in European countries, the annual increase in demand for environmentally friendly products has increased by 5-15% in Germany, by 30-40% in Denmark, Sweden, and Switzerland. In 2019, the turnover of organic agriculture in international markets amounted to 96.7 billion euros, and 2.8 million producers were engaged in this type of activity on an area of 71.5 million hectares.

Therefore, during the last 4-5 years, the President of our Republic and the leadership of our country have paid more attention to the development of the field of organic agricultural production, and a number of measures aimed at the development of the field are being implemented. Including the Decree of the President of the Republic of Uzbekistan dated May 18, 2020 No. PF-5995 "On additional measures to ensure compliance of quality and safety indicators of agricultural products with international standards", the Concept of development of organic agriculture and organic food production and its Implementation "Road Map" was approved.

It is worth noting that in the resolutions PQ-3978 of October 17, 2018 "On additional measures to increase the efficiency of the export of fruit and vegetable products to foreign markets" improvement of the export system of fruit and vegetable products and "Global GAP", "Halal" and "Organic" " has been assigned a number of tasks to accelerate the introduction of quality standards. In order to ensure that the quality





and safety indicators of agricultural products comply with international standards, the Cabinet of Ministers adopted the decision No. 729 dated 18.11.2020 "On approval of certain legal documents on the safety of organic products and raw materials and organic-mineral fertilizers". The regulation on the formation and maintenance of the register of producers of organic products and raw materials was approved by the decision.

Today, in 187 countries of the planet, 1.5% of the agricultural land in the world, or a total of 72.3 million. organic agricultural products are grown on the area.

In the 2019 edition of the World Organic Agriculture Statistics of the Institute of Organic Agriculture Research (FiBL) and the International Federation of Organic Agriculture Movements (IFOAM), the Republic of Uzbekistan is included among the 10 countries in the world with favorable conditions for growing fruit, and our republic is the best for organic fruit production. It is noted that it has comfortable beds In the development strategy of the Republic of Uzbekistan, the tasks of developing mechanisms that help to introduce quality and compliance standards (Global G.A.P, Organic, HACCP, etc.) recognized in international markets for the development of organic agriculture are defined.

It is clear from this that the development of the production of "Organic Agriculture" products is considered one of the main directions in agriculture in order to increase the quality of production of agricultural products, to meet the demand for health and quality food products of the population, to preserve the structure of our lands, to promote economic growth, and to ensure the well-being of the next generation.

Literature Analysis

The concept of "organic agriculture" was first introduced in 1939 by Oxford University agronomist Lord Northbourne, and in 1940, in his book "Look to the Land" [24], the term "organic farming" was used, and it is a rural highlighted as a solution to the increasingly mechanized and chemical processes in the economy.

The International Federation of Organic Agriculture Movements (IFOAM - International Federation of Organic Agriculture Movements), established in 1972, is the world's recognized leading organization setting organic farming standards, and today its regulatory requirements are the basis for the international guarantee system of organic production. According to IFOAM, "Organic agriculture is a production system that supports soil, ecosystem and human health. This system relies on ecological processes, biodiversity and natural cycles specific to local conditions and avoids the use of resources that have a negative impact. Organic agriculture improves





the environment, combines tradition, innovation and science in order to develop fair relations and a decent quality of life for all participants of the system.

Results

Organic agriculture is a global trend today. In 2019, the turnover of organic agriculture in international markets amounted to 96.7 billion euros, and 2.8 million producers were engaged in this type of activity on an area of 71.5 million hectares. According to experts, the world market for organic products has grown by an average of 15 percent per year in the last five years, and the trade turnover in 2022 is estimated to be 212 billion dollars.

In particular, in our Republic, the total to date **5.3 thousand hectares** of **14 regions** were specialized in organic fruit and vegetable cultivation. In particular, **Nukus** district (Shortanboy region) has 52 ha of vegetables, **Khojaabad** district (Madiyorov massif) 240 ha of gardens, **Kitab** district (Varganza region) 189 ha of pomegranate, **Nurota** district (Istiqlal region) 157 ha of grapes, **Parkent** district (Zarkent and Navbahor regions) 3445 ha of grapes, **Mirzaabad** district (Dehqonabad area) 7 ha of pomegranates, **Yangigurgan** district (Tiklanish Nanay garden and Ko'kyor Ong'or Waterfall areas) 386 ha of fruit and vegetables and Kuvasoy city (A. Rahmonaliev area) 400 ha of garden **Bakhmal** district (Koshchinor, Bakhmal springs) and A. Usanov regions) 250 hectares of apple orchards, 165 hectares of tomato orchards were carried out in **Kyziriq** district.

Discussion

In order to ensure the implementation of paragraph 1 b) of the decision of the President of the Republic of Uzbekistan dated February 26, 2021 "On measures to implement the tasks set in the strategy for the development of agriculture of the Republic of Uzbekistan for 2020-2030 in 2021" PQ-5009 in order to increase the export of vegetable products, measures are being taken to specialize in the cultivation of organic agricultural products in at least one district. As we mentioned above, according to the 2019 IFOAM World Organic Agriculture Statistics, the Republic of Uzbekistan was included among the 10 countries in the world with favorable conditions for growing fruit, and it was noted that our republic has favorable conditions for organic fruit production. However, despite the existence of favorable conditions and opportunities, insufficient attention is paid to the development of organic agriculture in our republic, which has a negative impact not only on the environment, human health, the production of high-quality products, but also on increasing the export potential of the regions and expanding their geography.





In the production of organic products following the existing legislation on the development of organic agriculture in our country, it is necessary to pay attention to the following:

- Proper placement of crops depending on soil and climate conditions;
- To introduce the system of alternating and alternate planting in order to increase soil fertility;
- Minimal tillage and use of resource-saving technologies;
- Wide use of organic fertilizers (manure, straw, composts, siderate crops and other organic products);
- Mainly use of biological control measures in the fight against weeds, crop pests, diseases;
- Cultivation of companion crops among the main crops;
- Wide use of water-saving methods and technologies in crop irrigation;
- Apply measures to prevent salinization, contamination and waterlogging, soil erosion, soil contamination, soil contamination with various wastes in order to increase soil productivity;
- Ensuring that the seeds of each cultivated crop are of high grade and quality;
- In organic animal husbandry, animals are raised mainly on ecologically clean pastures, use of natural breeding methods, minimization of all types of stress, active prevention of diseases, abandoning the use of chemical allopathic veterinary drugs such as antibiotics and hormones, etc.

Summary

It can be concluded that organic agriculture is the only production management system that preserves biological diversity, improves the sanitary condition of the agro-ecosystem, increases soil fertility, and protects human health without using chemicals that harm the environment. Through the development of this system, it is possible to solve many problems related to protecting the health of the population, establishing a quality food system, developing agriculture, maintaining and improving the composition of our lands in cultivated areas.





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