



# THE GLOBAL ECONOMIC DEVELOPMENT OF RICE IN UZBEKISTAN

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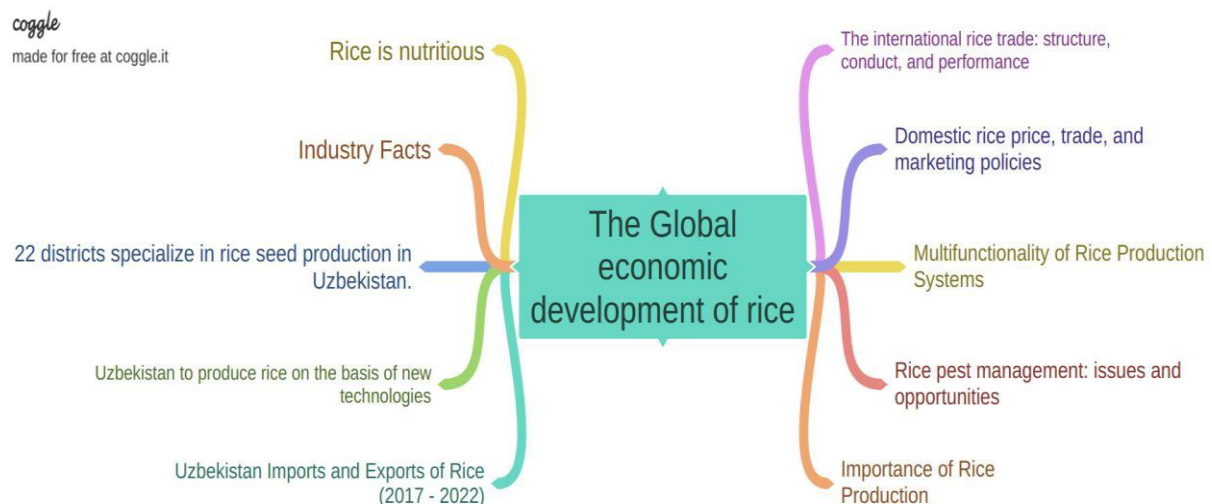
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## Abstract

### The global economic development of rice in Uzbekistan

One of the most conspicuous trends in the 21st century is the global economic development of rice. There is widespread worry that this will lead to the gradual depletion of rice in the countries. Some of the reasons are rice pest control, multifunctionality of the rice production system, local rice price, trade and marketing policies, etc. These are common problems in almost all countries but can be a minor problem in today's era of globalization. will have negative consequences in the future, so it is important to know about the scarcity of rice and how important it is. There is no shortage of rice in Uzbekistan, but this does not mean that it will not happen in the future. That is why the government is taking several measures.





Rice Pest Control: Challenges and Opportunities and rice is a nutritious crop. Rice contains several nutrients and vitamins that are beneficial for human health. Moisture and favorable climatic conditions are important for the complete ripening of rice. At the same time, rice is affected by a number of pests and diseases, such as rice yellowing virus (RYMV), brown spot, rice blast, and other diseases. The following pictures show the appearance of crops affected by this disease. Rice yellowing virus (RYMV) has been reported to affect immature rice mainly in Africa, with yellowing or spotting of the leaves and slow growth or death of the crop if the rice is affected by early blight and these effects are being reported.



**Figure 1. Rice cultivation handbook page (39–40).**

Prickly disease of rice. This pest is found in Uzbekistan and has a negative effect on rice; that is, it reduces its growth by 20–25% and causes the leaves to dry up. This disease can be combated, and nowadays the demand for rice in Uzbekistan is very high because rice is one of the most nutritious and cheap products. According to information, rice is grown from seedlings in Uzbekistan using the modern techniques of the South Korean company "Tong Yang Moolsang," and with the help of this new technology, it is possible to increase productivity, shorten the growing season, save up to 70–75% of the seed, and save up to 20–25% of the water. allows effective use. With these new



technologies, rice yields are expected to be even higher. Basically, rice is a plant that requires a lot of water, but it is nutritious and very useful for human health. According to statistics, China, India, and Bangladesh show the highest rice production rates in the world. These countries have the largest indicators of rice production, and the reason for this is the development of their agriculture, their proximity to the sea, and, most importantly, the suitability of the climate (USDA.org). Uzbekistan has long been a region adapted to agriculture; almost all crops are grown for consumption, and the country's climate, soil fertility, and water supply are sufficient for this. Currently, the following regions in Uzbekistan are the leaders in rice cultivation: Khorezm, Andijan, and Fergana regions.

**Table 1. Statistics of rice production in Uzbekistan on October 1, 2021**

1.Khorezm region	58.2 thousand tons
2.Andijan region	25.3 thousand tons
3.Fergana region	14.5 thousand tons
4.Syrdarya region	5.6 thousand tons
5.Tashkent region	5.5 thousand tons
6.Namangan region	5.3 thousand tons

As Adam Smith said, "Little else is requisite to carry a state to the highest degree of opulence from the lowest barbarism but peace, easy taxes, and a tolerable administration of justice (Adam Smith, n.d.). The global economic development of rice includes the international trade in rice, the multi-functionality of rice production, and the importance and production of rice, all of which are part of the global economy.

Based on the above-mentioned facts, one can draw the conclusion that rice is important for global economics and will greatly impact the distant future, although its effects are not apparent for the time being. But I tried to explain above how important it is; in fact, you can get a lot more things from rice than it seems, and the fact that some countries are currently exporting large amounts of rice is a clear example of this. Of course, including Uzbekistan, this way is being used, and the importance of rice in the global economy is being tried to find its place, just like cotton and wheat, because now Uzbekistan is the world leader in the cultivation of cotton and wheat. because Uzbekistan grows and exports only



cotton and wheat in large quantities. In conclusion, rice is very important for Uzbekistan, and we hope that in the future, rice will play a big role in the economy, like cotton and wheat.

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