

WILL FOOD SECURITY BE AFFECTED BY RICE PRICE RISE

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Abstract: The article analyzes the importance of ensuring food security today and the reasons for the increase in the price of rice in the world based on international statistical data.

Keywords: Rice, Consumption, Production, Prices, Global Market.



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Introduction

Today, almost more than half of the world's population loves to consume this product. The main consumption of the Uzbek people is food products made from rice. In particular, it is worth saying that in our country "Pilov", which is prepared from rice for daily consumption and special events, has become a favorite dish of our people. It is no exaggeration to say that the "Brand" that introduced Uzbek cuisine to the world as this wonderful dish made of rice has become a food dish.

Methods

In this study, the method used involves several approaches to analyze data related to rice consumption, production, and prices globally and regionally. The research relies on statistical data from various international sources to obtain information on rice consumption in major countries such as China and India, the land area used for rice cultivation, and the amount of rice production and exports from various countries. The analysis was conducted by examining the trend of rice consumption and production from previous years to the present, such as data from 2010 to 2021 on the area of rice cultivation and the amount of production. In addition, international data comparisons were made to analyze the differences in rice prices in various countries, including Tunisia, Serbia, and Uzbekistan.

This study also considers factors affecting rice prices, such as global population growth, climate change, water shortages, farmland degradation, and natural disasters, to explain the causes of rising rice prices. In addition, policies and regulations affecting rice production and trade, such as additional taxes imposed by India to limit rice exports, are also noted to provide additional context on rice market dynamics. With this method, this study provides a comprehensive picture of the current situation in the global rice market and the factors affecting rice production and prices.

Result and Discussion

Rice is one of the most consumed food sources in the world. By the end of 2022, China, which is distinguished by the consumption of rice by its people, consumed 155 million metric tons of rice products compared to other countries. In 2022, the country's rice consumption was 108.5 million tons, with India occupying the second place in terms of rice consumption after China.[3].

As the world's main producer and consumer of rice products, the Indian state introduced a 20

percent additional tax, limiting rice exports to 80 percent, and imposed restrictions on rice supply in early September 2023 in order to ensure food security across the country.

Rice is distinguished as a rice crop by being grown in a field filled with several inches of water. Ironically, China and India are also the largest producers of rice in the world tops the list as Rice has such a neutral taste that it can be eaten as an addition to almost any dish and is valued as a flavor addition to any dish. In China, rice is often steamed and served with stir-fried meat and vegetables.

Looking at historical sources, it is recorded in history that rice was consumed as a food product in 2500 BC. According to historical sources, rice cultivation spread widely from China and its surrounding areas to Sri Lanka and India. It also later moved to Greece and the Mediterranean region.

The world rice today provides 21 percent of global energy per capita and 15 percent of protein per capita. at the same time, although rice protein has the highest nutritional value among cereals, mainly rice, the protein content is modest. Rice provides various minerals, vitamins and fiber as a food product.

According to the sources of international statistics, it is indicated that the size of the world's rice cultivation areas is increasing in the crop years of 2010-2021. In particular, in 2010, 161.7 million hectares of rice were cultivated, and in 2021, 165.25 million hectares of rice were planted around the world. also India is the world leader in rice cultivation and about 45 million hectares of land were harvested.

In terms of food security, milled rice production was about 55 million metric tons worldwide in 2008, and the global production of rice products reached 510 million metric tons by the beginning of 2023.[3].

Traditionally, Asian countries have the largest share of world rice production. According to the latest official data, in 2021, with a production volume of more than 212 million metric tons, China is the world's leading producer of a leader in rice cultivation India and Bangladesh took the next places while maintaining their position.

The United States also has a unique place among the world's rice producers. In the country cost of rice cultivation In 2021, it was just over three billion US dollars. The leading rice-growing states of the United States Arkansas, California and Louisiana are leading. The United States is also one of the world's top five rice exporters. first of all this product Delivers to Mexico, Haiti and Japan.

Main rice exporting countries including India, Vietnam and Thailand. India is the world's leading exporter of rice at 18.75 million tonnes as of 2021/2022. Vietnam is the second largest exporter of rice, producing approximately 6.5 million metric tons of rice worldwide. The largest rice importers mainly the Philippines and China.

In recent years in the world market retail price of white rice there was a significant change in and led to an increase in price. In 2022, the average price of long-grain white rice in the US is projected to nearly double from 2004 to 92 cents per pound.

According to data, as of June 2023, the average price of rice in the world market is \$1.93 (22,364 soums), the lowest price is \$0.52 (6,25 soums) in Tunisia, and the highest price is \$4.84 in Serbia (56 thousand 86 soums).

Currently, the price of 1 kilogram of rice varies from 11,500 to 25,000 soums in the farmers' markets of Uzbekistan, depending on the rice variety. This shows a 35.2% increase in price compared to the same period last year. Also, we all witness that "Avangard" variety of rice is sold from 11,500 to 17,500 soums, "Alanga" variety from 16,000 to 18,500 soums, and "Lazer" variety from 19,500 to 25,000 soums.

Conclusion

At this point, it is worth saying that year by year the increase in world population, global climate changes, water shortage and degradation of agricultural lands, and the increase in the volume of natural disasters have their effect on rice cultivation, which naturally leads to an increase in the price of rice

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