

**INSTITUTE OF WORLD  
AGRICULTURAL MARKETS**

# **MEDIA DIGEST**

**25.12 – 31.12.2023**



## THREE MAIN TOPICS

- **Russia Postponed the Implementation of Digital Services for the Agro-Industrial Complex**
- **EAEU and Iran Sign Free Trade Agreement**
- **Global Food Supply Will Be Constrained by Dry Weather and Trade Restrictions in 2024**



### EDUCATION

EDUCATION / 26.12.2023

#### **Stavropol State Agrarian University Opened a Centre for Agro-Biotechnology**

The new research platform was created on the basis of the Institute of Agrarian Genetics and Breeding of the Stavropol State Agrarian University, it will allow scientists to perform a range of strategic tasks that contribute to the development of agro-biotechnology in the region, the press service of the university reports. The agro-biotechnology centre has seven laboratories, including a laboratory of PCR plant diagnostics, created jointly with the Institute of Biological Chemistry of the Russian Academy of Sciences, a laboratory of soil microbiology, as well as laboratories of agrochemical analysis and phytosanitary monitoring. [Interfax](#)



EDUCATION / 27.12.2023

#### **TOGU in Khabarovsk Will Train Agronomists for the First Time**

The Pacific State University (PSU) will start training students in the speciality "Agronomy" from 2024, the Ministry of Agriculture and Food of Khabarovsk Krai reports. The university also plans to start training students in the speciality "Veterinary" from 2025. Earlier it was reported that an interuniversity campus will be built on the basis of TOGU. The project includes the construction of 151 thousand square metres of new academic buildings, laboratories, congress centre and dormitories. More than 30 thousand students will study here. [Interfax](#)

EDUCATION / 28.12.2023

#### **A Testing Ground for Drones and Training Will Appear in Perm**

One of the industrial partners of the world-class inter-university campus "Parma's Future" ODK-Star JSC will create a site with stands for testing units of unmanned aircraft systems and training personnel for the flagship project of the Kama Region higher education system. Information about this appeared on the website of the Governor and Government of the Perm Region. The programme to form a network of world-class university campuses is implemented by the Ministry of Science and Higher Education of the Russian Federation within the framework of the national project "Science and Universities". [GlavPakhar](#)

 SCIENCE

SCIENCE / 27.12.2023

**Agrarians in the Chelyabinsk Region Are Grow Square-Shaped Apples**

Agrarians of the Kaslinsky district of the Chelyabinsk region will start growing square-shaped apples. The variety "Sverdlovchanin" was chosen to give this shape, said Olga Segal, manager of Grigorievsky Gardens. According to her, square apples will appear in the company's assortment in 2024. The fruit will reach the size of the container and take its shape. The size of the corex will be five by five centimetres and the weight of the apple will reach 180 grams. The product will be displayed at various exhibitions and events. [GlavAgronom](#)



SCIENCE / 27.12.2023

**Scientists Uncover New Mechanisms of Wheat Rust Resistance**

Researchers have cloned wheat rust resistance genes Lr9 and Sr43 and determined that they encode unusual kinase fusion proteins. This will open up new opportunities to address disease resistance in soft wheat. During the study, the scientists also found out that the Sr43 gene is sensitive to high temperatures, hence its mechanism of action is significantly reduced during abnormal heat. Now the task before the experts is to decipher the molecular mechanism of temperature sensitivity for the subsequent development of wheat varieties resistant to climate change. [GlavAgronom](#)

SCIENCE / 27.12.2023

**A Kazakh Scientist Developed a Perennial Wheat Variety**

Meruert Kurmanbayeva, dean of the Faculty of Biology and Biotechnology at Al-Farabi Kazakh National University, has developed a variety of perennial wheat that will protect the soil from erosion and will not require annual ploughing and sowing. This was reported on the portal BaigeNews.kz. The professor became the winner of the State Scientific Scholarship 2023, having submitted the project "Introduction of perennial wheat in farming to preserve biodiversity and soil fertility in the south and south-east of Kazakhstan. [BaigeNews.kz](#)



 INNOVATION

INNOVATION / 26.12.2023

**Russia Postponed the Implementation of Digital Services for the Agro-Industrial Complex**

Russian President Vladimir Putin has signed a law that postpones from 1 January 2025 to 1 March 2026 the creation of a state information system of digital services of the agro-industrial complex. The document was published on the official portal of legal information. The system will inform legal entities and individuals about possible measures of state support in the sphere of agro-industrial complex. The system will also make it possible to form and submit applications for state support in electronic form, determine the list of state support measures and collect related reports. [Milknews](#)



**INNOVATION / 27.12.2023**

**Ultraviolet Sed Treatment Technology Introduced in the US**

BioLumic and Gro Alliance LLC have established a strategic partnership to implement BioLumic's ultraviolet (UV) light treatment technology for corn and soybean seeds. Experts have already called the decision a breakthrough. In the future, the developers are planning full commercial implementation of the patented UV light technology in the global seed industry of row crops. [GlavAgronom](#)

**INNOVATION / 29.12.2023**

**A Farm that Will Absorb Waste Will Be Built in Dubai**

Food Tech Valley and ReFarm have signed an agreement to build a giant 900,000 square foot farm that will process up to 50,000 tonnes of food waste and grow two billion plants annually. The facility will be set up in Dubai's Food Technology Valley, a project aimed at developing new approaches to agriculture. Authorities expect the farm's produce to replace 1 per cent of the country's fresh produce imports. The facility will be commissioned in 2026. [Agronomika](#)



**WORLD MARKET**

**WORLD MARKET / 25.12.2023**

**The US Department of Agriculture Tightened Restrictions on Imports of Russian Fish Products**

On 22 December this year, the US Department of the Treasury imposed a ban on imports of Russian salmon, cod, pollock and crabs processed in third countries. According to the text of the document, these restrictions will apply to aquaculture and fishery products, the production of which is carried out on the territory of the Russian Federation, falling under Russian jurisdiction or by vessels flying the flag of Russia. The ban will come into force on 21 February 2024. In addition, the United States has announced its intention to apply similar rules to imports of Russian alcoholic beverages. [Food Partner Network](#)



**WORLD MARKET / 25.12.2023**

**EAEU and Iran Sign Free Trade Agreement**

At a ceremony in St Petersburg, the EAEU countries and the Islamic Republic of Iran signed a full-fledged free trade agreement, which will replace the temporary agreement in force since 2019. The signing of the document was preceded by more than two years of consultations and negotiations. According to an IRNA correspondent, the document envisages full cancellation of duties on 87 per cent of goods in mutual trade. According to EEC Trade Minister Andrei Slepnev, the entry into force of the new agreement will increase the volume of bilateral trade to \$18-20bn per year. The new agreement will increase the volume of bilateral trade to \$18-20bn per year over the next five to seven years.

[IRNA](#)



**WORLD MARKET / 26.12.2023****The President of Kazakhstan Urged the EAEU Countries to Develop Agro-Exports**

More than 800 million people on the planet are experiencing hunger and food shortages, at the same time the EAEU with its huge potential of agro-industrial complex occupies only a little more than 2% of the global agricultural export market. This was stated by the President of Kazakhstan Kassym-Jomart Tokayev, speaking at the meeting of the Supreme Eurasian Economic Council in St. Petersburg. He called for joint projects and bringing enterprises to international markets. "According to experts' estimates, the potential of the EAEU countries will allow to feed about 600 million people. Therefore, establishing close co-operation ties to produce competitive, environmentally friendly and export-oriented products that meet advanced international standards should be one of our priority tasks," Kassym-Jomart Tokayev said. [Eldala.kz](https://eldala.kz)

**WORLD MARKET / 27.12.2023****Indonesia Reached an Agreement to Import 3 Million Tonnes of Rice from India and Thailand in 2024**

The Indonesian President announced an agreement with India to import 1 million tonnes of rice in 2024 and to purchase 2 million tonnes of rice from Thailand. The Indonesian side expects the large-scale replenishment of food reserves to maintain a sustainable domestic supply and to be an effective measure to curb food inflation amid declining local self-sufficiency in grain.

[Food Partner Network](#)

**ANALYTICS****ANALYTICS / 25.12.2023****Rabobank: Global Poultry Meat Production Will Grow by 1.5-2% in 2024**

The forecast of the global poultry meat market for 2024 is moderately positive: by the end of next year is expected to increase production at the level of 1.5-2%. This is stated in the review "Global Poultry Quarterly Q1 2024", published by Rabobank. Despite the fact that such dynamics is below the average for recent years of 2.5%, it is higher than the expected result of 2023 (+1.1%). Given the decline in global pork and beef production, poultry meat is predicted to be the fastest growing animal protein. Reduced costs in the poultry sector and resulting price reductions will also drive chicken consumption in 2024.

[Rabobank](#)

**ANALYTICS / 26.12.2023****Canada's Oat Crop Drops 50 per Cent in 2023**

Statistics Canada estimates that the country will produce 2.6 million tonnes of oats in 2023, down 50% from 2022 and 9% below the drought-stricken 2021 crop. Canada, which is the world's largest exporter of oats, has seen the last few years characterised by sharp swings in the crop's production. Meanwhile, global demand for milk replacers and other oat-based products has been growing steadily. The global oats market, valued at 7.64 billion dollars in 2022, is projected to grow at a CAGR of 3.5% from the previous year. The global oats market, valued at 7.64 billion dollars in 2022, could reach 13.96 billion dollars by 2032. The global oatmeal market is projected to reach 13.96 billion dollars by 2032. [World Grain](#)

**ANALYTICS / 26.12.2023**

### **Brazil's Share of Soya Bean Trade Could Reach 60 per Cent by 2033**

By 2033, Brazil's share of global soya bean trade will rise to 60.6 per cent, according to the US Department of Agriculture's Economic Research Service. For many years, the United States was the largest exporter of soya beans, but Brazil overtook it in the 2012/13 season, and since then the South American country's position in world trade has been strengthening. According to the study, in 2021/22, the cost of growing Brazilian soya beans was 19.9 per cent lower than in the US. In addition, the development of transport infrastructure has enabled Brazil to significantly reduce shipping costs. [World Grain](#)



**ANALYTICS / 27.12.2023**

### **Global Food Supply Will Be Constrained by Dry Weather and Trade Restrictions in 2024**

Consumers around the world could face reduced food supply in 2024 amid unfavourable weather conditions caused by El Niño, current export restrictions and increased use of biofuels. The El Niño climate phenomenon is projected to last at least until April-May, jeopardising Asia's production of agricultural products such as rice, palm oil, wheat, etc. And wheat crop problems in Australia will force importers such as China and Indonesia to look for alternative suppliers. [Reuters](#)

