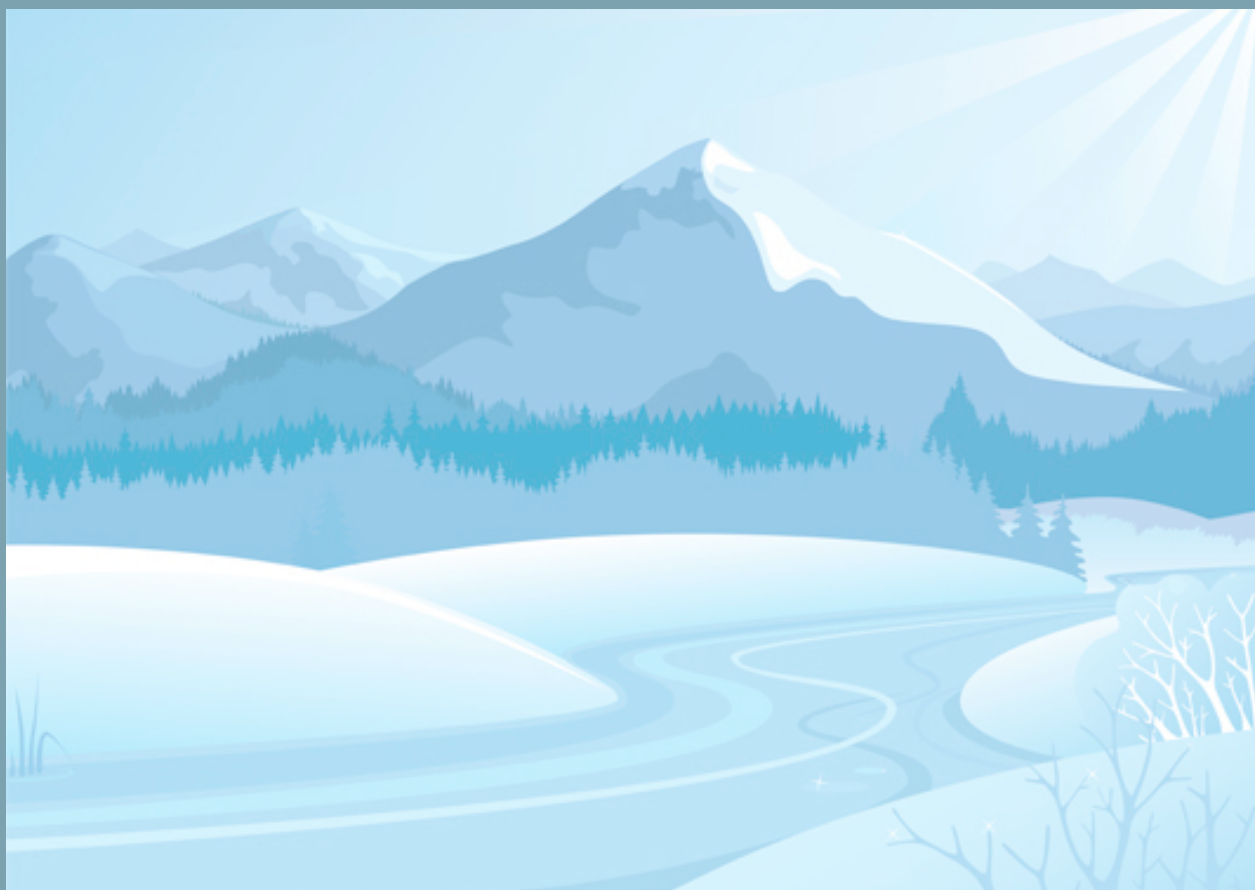


**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

29.01 – 04.02.2024



THREE MAIN TOPICS

- **Chinese Scientists Clone Endangered Tibetan Bulls for First Time**
- **Russian Scientists Found a Way to Protect Potatoes from Black Scab**
- **FAO Forecasts Record Grain Production in 2023/24**



EDUCATION

EDUCATION / 01.02.2024

Don State Agrarian University Begins Training Specialists in the Program “Aquatic Bioresources and Aquaculture”

Don State Agrarian University received a license from Rosobrnadzor for the right to carry out educational activities under the undergraduate program “Aquatic Bioresources and Aquaculture”. The first enrollment of students for budget and commercial places in the new direction will be held in the summer of 2024. The duration of mastering the educational program for full-time study will be 4 years, for part-time and part-time forms — 4.5-5 years, respectively. [Russian Ministry of Agriculture](#)



EDUCATION / 01.02.2024

Kazakhstan and China Cooperate in the Field of Agricultural Science

The Shandong Academy of Agricultural Sciences of the People's Republic of China and the National Agrarian Scientific and Educational Center of the Ministry of Agriculture of the Republic of Kazakhstan signed a memorandum of cooperation in the field of agricultural sciences and technology, reports Svetich news agency with reference to the press service of the Ministry of Agriculture of the Republic of Kazakhstan. This step is aimed at strengthening cooperation between China and Central Asian countries, as well as promoting exchanges within the framework of the Belt and Road Initiative. The parties plan to develop specific programs and projects for joint research and exchange of experience in the field of agricultural sciences and technology. They also intend to actively use their scientific resources to conduct joint research. [gov.kz](#)

 SCIENCE

SCIENCE / 29.01.2024

Chinese Scientists Clone Endangered Tibetan Bulls for First Time

Chinese scientists have successfully cloned Tibetan bulls, China Daily reports. In the southwest of the country, four male calves each of the Zhangmu and Apeijaza breeds appeared. Previously, representatives of these endangered breeds were discovered in the Tibet Autonomous Region. Four males of each breed were born in Yunyang County, Chongqing Municipality. This event marked the world's first successful cloning of cattle from the Xizang region, the agency reports. [RBC](#)

SCIENCE / 31.01.2024

Russian Scientists Found a Way to Protect Potatoes from Black Scab

A method of protecting potatoes with the help of bacteria from one of the most common and harmful diseases — black scab — was developed by scientists from Tomsk State University (TSU), Novosibirsk State Agrarian University (GAU) and the Institute of Chemical Biology and Fundamental Medicine SB RAS, the press service told TASS Tomsk university. The study was supported by the national project “Science and Universities”. In addition to potatoes, TSU scientists are now developing methods to protect other popular agricultural crops — corn, barley, wheat, rapeseed and others. [TASS](#)



SCIENCE / 01.01.2024

Saransk Scientists Developed a Drug that Will Reduce the Use of Pesticides by 40%

The innovative drug, created in the biotechnological cluster of the Center for Nanotechnologies and Nanomaterials of the Republic of Mordovia, makes it possible to reduce the use of chemicals for processing agricultural crops by 40%. This is stated in the message of the Fund for Infrastructure and Educational Programs (FIEP). According to FIEP, the uniqueness of the drug lies in the combination of various bacteria, due to which plants receive a growth-stimulating additive, nitrogen and additional amino acids, as well as preventive protection against fungal and bacterial diseases. [TASS](#)



SCIENCE / 01.02.2024

Kuban Scientists Elaborated Medicinal Capsules for Fish

Scientists from the Innovation and Technology Center for Aquaculture of the Kuban State Agrarian University, together with technologists from the Murom Pipeline Fittings Plant, produced and tested the first medicinal capsules for fish. As scientists note, the use of medicinal feed in the form of capsules in diets will create a generation of stress- and infection-resistant fish with greater possibilities for changing the physiological state, and will also help resolve the issue of bacterial diseases that lead to the death of fish in fish farms. [Russian Ministry of Agriculture](#)



INNOVATION

INNOVATION / 29.01.2024

Indian Scientists Begun Experiments on Creating Meat from Fish Cells

Scientists from the Indian Central Marine Fisheries Research Institute (CMFRI) have begun work on producing meat in the laboratory from living fish cells, The Economic Times newspaper reported on January 29. According to the report, the scientists said the lab-grown fish meat would be "produced by isolating certain cells from the fish and culturing them in the laboratory using media that do not contain animal components." Experts hope to obtain a final product that has the same taste, texture and nutritional properties as the original fish. [IA Krasnaya Vesna](#)

INNOVATION / 29.01.2024

A Plant for Robot Milkers Production Will Be Built in the Moscow Region

Import-substituting production of robotic milkers is planned to be launched in the Solnechnogorsk urban district, reports the press service of the Ministry of Investment, Industry and Science of the Moscow Region. According to the Minister of Investment, Industry and Science of the Moscow Region Ekaterina Zinovieva, the company plans to begin construction of the plant in Solnechnogorsk in the fourth quarter of 2024, the launch of the enterprise is scheduled for the second quarter of 2026. At the first stage, the production capacity will be 20 robots per year. [Interfax](#)



INNOVATION / 31.01.2024

SevSU Scientists Developed a Technology that Lengthens the Shelf Life of Meat Semi-Finished Products

SevGU have completed the development of an innovative technology for processing semi-finished meat products with high hydrostatic pressure, which will significantly extend their shelf life. This food processing technology is known in the world, but now it is used for preserving finished products such as sausages. In turn, SevSU researchers tried to change the process parameters, increasing the pressure and duration. As a result, the raw meat obtained after such processing will be almost ready for consumption. [IA Krasnaya Vesna](#)



INNOVATION / 31.01.2024

31 Belarusian Tractors Put into Operation in Zimbabwe

The mayor of the capital of Zimbabwe, Harare, Jacob Mafume put into operation 31 tractors purchased in Belarus, the Zimbabwe Broadcasting Corporation ZBC reports. The official said tractors will be immediately deployed to all areas of the city to help in garbage collection and any other tasks in which they may be required. It is noted that previously the government of the country contributed to the purchase of more than 50 tractors in Belarus. [BelTA](#)



WORLD MARKET

WORLD MARKET / 29.01.2024

Egypt Intends to Stop Hedging Wheat Imports in 2024/25

On January 28 of this year, the Minister of Supply and Internal Trade of Egypt stated that due to the fall in world prices for wheat due to abundant production in Russia and Australia, the Government does not intend to continue hedging imports of this commodity category in 2024/25 (purchase of futures for the purpose of insurance against possible price increases in the future). Previously, in the face of rising grain prices, the North African state used this tool to reduce the cost of its purchases in the segment. According to official data, Egypt's current strategic wheat reserves can meet local demand for the next 4 months.

[Agence Ecofin](#)



WORLD MARKET / 01.02.2024

Vietnam Aims to Boost Seafood Exports in 2024

Vietnam plans to export aquatic biological resources worth \$9.5 billion in 2024, which is more than in 2023 (8.97 billion dollars). According to the Vietnam Association of Seafood Exporters and Producers (VASEP), the 2024 target was set in anticipation of a sharp increase in global demand in the second half of 2024.

In the structure of export revenue at the end of the current year, it is expected that 4 billion dollars will come from sales of shrimp, 1.9 billion dollars from pangasius, and 3.6 billion dollars from other types of fish and seafood.

[SeafoodSource](#)



WORLD MARKET / 31.01.2024

Bangladesh Will Reduce Import Duties on Several Food Categories

In order to provide the country's population with affordable prices for basic food products on the eve of the holy month of Ramadan, the Government of Bangladesh intends to reduce taxes on the import of rice — from 62% to 15%, dates — from 58% to 15%, while customs duties on the import of sugar and refined edible oil may be reduced from Taka 1,500 and Taka 3,000 per tonne (13.65 and 27.31 dollars) to Taka 500 and Taka 2,000 (4.55 and 18.20 dollars) respectively. [The Financial Express](#)

WORLD MARKET / 04.02.2024

Turkey Intends to Discuss with Russia a New Mechanism for Grain Transactions

Turkish President Recep Tayyip Erdogan, during the visit of Russian President Vladimir Putin, plans to discuss a “new mechanism” that will allow Ukraine to export grain through the Black Sea. This was announced by Turkish Foreign Minister Hakan Fidan . “The previous grain deal worked within a certain mechanism, now there is an opportunity to use a different mechanism, and efforts are currently being made to flesh out this opportunity,” Fidan said. [Nasdaq](#)



ANALYTICS

ANALYTICS / 29.01.2024

Over 10 years, Cod Catches in the World Decreased by a Third

Over the past decade, global cod catches have decreased by 33% to 1.12 million tonnes in 2023, with the downward trend accelerating over the past 3 years. This was announced at the Global Seafood Market Conference 2024 by director of industry relations, partners and fisheries analysis Ron Rogness . In particular, the Atlantic cod catch has fallen by 42% over the past 8 years and is projected to decline by a further 15% from 2023 to 2024. According to Rogness, in 2024, Pacific cod catches are expected to be relatively stable at about 330 thousand tonnes. Most Atlantic cod is caught in the Barents Sea by Norwegian and Russian producers, who together caught 761 thousand tonnes in 2023. According to Ground forecasts Fish Forum, Norwegian production will decrease from 296 thousand tonnes to 216 thousand tonnes in 2024.

[SeafoodSource](#)

ANALYTICS / 31.01.2024

The Global Grozen Seafood Market Will Grow 1.5 times

According to Allied Market Research, the global frozen seafood market will grow from 82.5 billion dollars in 2022 and will reach 137.3 billion dollars by 2032 at a CAGR of 5.3%. The drivers of sales growth in the segment will be innovative deep-freezing technologies, which help preserve the taste and benefits of seafood during storage and transportation. In addition, this technique helps reduce food waste by increasing the shelf life of frozen foods. [VASEP](#)



ANALYTICS / 02.02.2024

FAO Forecasts Record Grain Production in 2023/24

In 2023/24, global grain production will reach a record 2.84 billion tonnes, up 1.2% from the 2022/23 season, FAO predicted in a February review. Compared to January, the estimate for the world grain harvest was increased by 13.2 million tonnes. The revision is primarily due to the release of new statistics from Canada, China, Turkey and the United States reporting higher harvested areas and corn yields than previously expected. According to the FAO forecast, the volume of world trade in grain crops in 2023/24 will reach 480 million tonnes, which is 0.8% more than 2022/23. [World Grain](#)



ANALYTICS / 04.02.2024

China Set a Target to Stimulate Agricultural Production in 2024

The PRC has published “Document No. 1” — a plan published annually that sets out the priority tasks of agricultural policy for the current year. According to the document, in 2024, China will strive to stabilize the country's grain crop area and focus on “significantly increasing yields per unit of output.” China is the world's largest producer and consumer of grain, and its production in the country has not fallen below 650 million tonnes since 2015. The same goal has been set for this year. At the same time, in 2024 it is planned to expand the area under soybeans and other oilseeds. [South China Morning Post](#)