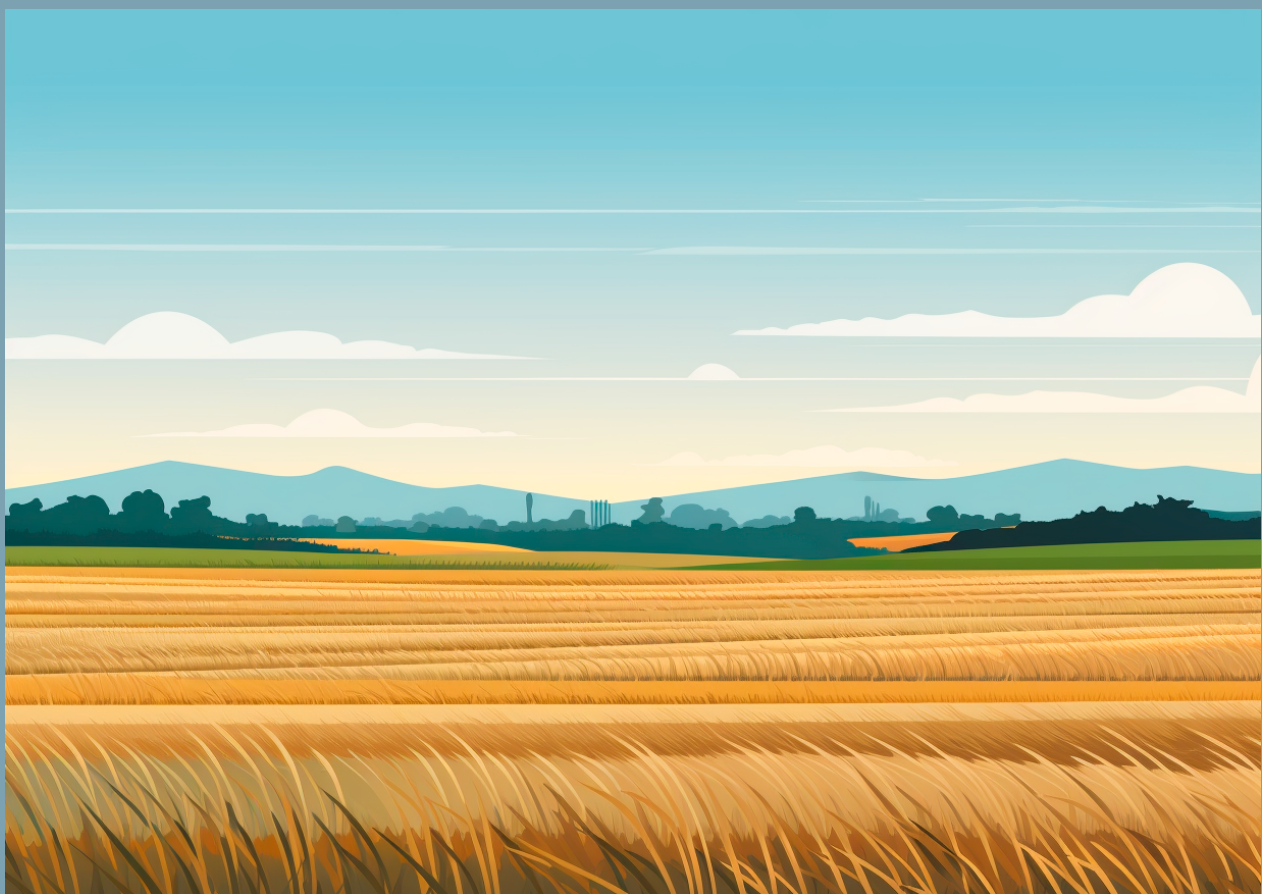


**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

04.09 – 10.09.2023



THREE MAIN TOPICS

- **Malaysia Resumes Live Cattle Exports from Australia**
- **International Conference on Food Security Opened in Uzbekistan**
- **Kiel: the Number of Container Ships Is Growing in Russian Ports**



EDUCATION

EDUCATION / 04.09.2023

An Educational Agricultural Cluster Is Opened in the Moscow Region

An educational and production cluster was launched on the basis of Kolomna Agrarian College named after N.T. Kozlov in the Moscow region. It will become a center for personnel training and new technologies in agriculture. The press service of the Ministry of Agriculture and Food of the Moscow Region explained that students would be trained according to educational programs developed by the agricultural college together with large agricultural producers. JSC Ozery became the flagship agricultural enterprise. [Interfax](#)



EDUCATION / 07.09.2023

A Film on UAVs Use Is Being Filmed in the Altai Territory

From September 5 to 8, an educational film about the use of unmanned aerial systems in agriculture is being filmed in the Altai Territory. Altai State Agrarian University and the University of the National Technology Initiative 20.35 are working on Russia's first educational film about agricultural drones. The project represents a series of episodes where experts will answer key questions related to the use of UAVs in agriculture. The film contains video material filmed in the field on agricultural crops. [GlavPahar](#)



EDUCATION / 08.09.2023

Germany Introduces Quota for Rural Veterinarians

The German government has announced the introduction of a university admission quota for future veterinarians specializing in the treatment of farm animals. This means that applicants who choose this specialty will be able to enroll even with lower scores on the certification exam (Abitur), if they commit to working in certain regions of Bavaria after graduation. [ViZh](#)



SCIENCE / 04.09.2023

Scientists Found that the Amount of Energy Fed to Hens Doesn't Affect

For 10 years, scientists at Virginia Tech's College of Agriculture and Life Sciences conducted an experiment to take a look at energy levels in poultry from a different standpoint. They put laying hens on a low-calorie diet and monitored how many eggs they produced. The results showed that at least over the short term, the amount of energy fed to hens doesn't affect the number of eggs produced. Hens will produce eggs as long as they have enough fatty tissue and mass in their reserves to supply the energy to produce them. The study was published in the Journal of Applied Poultry Research. [Phys.org](#)



SCIENCE / 04.09.2023

Aloe Vera Peel Can Help Fight Pests

A researcher from the University of Texas and his colleagues found that aloe vera can be used as a natural pesticide. Insects dislike aloe vera peels because they contain phytochemicals (chemicals generated by plants) that are poisonous to them. Pests destroy between 20 and 40% of agricultural yields globally, threatening food security and nutrition, according to CABI. [AZO Life Sciences](#)



SCIENCE / 05.09.2023

Scientists from Tyumen State University Are Studying Reindeer Pastures in Yamal

Researchers of the X-BIO Institute of Tyumen State University have completed a scientific expedition to study tundra soil in Yamal, the press service of the university reports. The expedition took place in the vicinity of Lake Yambuto, which is part of the group of Neitinsky lakes, the largest in Yamal. The expedition was aimed at studying the soils that appeared after the tundra fire in 2016 in Yambuto. Comprehensive research in the field of biosafety is carried out at Tyumen State University under the "Priority 2030" program.

[Interfax](#)



SCIENCE / 07.09.2023

A Technology for Producing Flour from Low-Grade Grain Was Created in Chelyabinsk

Scientists from South Ural State University have developed the first technology in Russia for producing whole-milled flour from sprouted wheat, oats, and low-grade barley. During the soaking stage the grain is exposed to ultrasound. Then it is germinated for 30 to 50 hours. The dried grain is ground into whole-ground flour and vacuum-packed and sent to manufacturers. The invention will allow bakers to completely abandon imported flour improvers and minimize losses in agriculture, the researchers believe. [TASS](#)



INNOVATION / 06.09.2023

Milk Made from Carbon Dioxide and Electricity

A four-year project aimed at developing whey protein from CO2 and electricity has been selected for investment of 5.5 million euro (5.9 million dollars) by the European Commission via its innovation program. The project is expected to last four years and will be researched by a consortium of companies led by Finnish Solar Foods. Researchers expect to learn how to artificially obtain milk protein. For these purposes, researchers plan to genetically engineer a special microbe that will convert carbon dioxide and hydrogen obtained from water using electricity into beta-lactoglobulin, the main component of milk. [Food Navigator](#)



INNOVATION / 07.09.2023

A Virtual Agronomist for Urban Farmers Appears in Russia

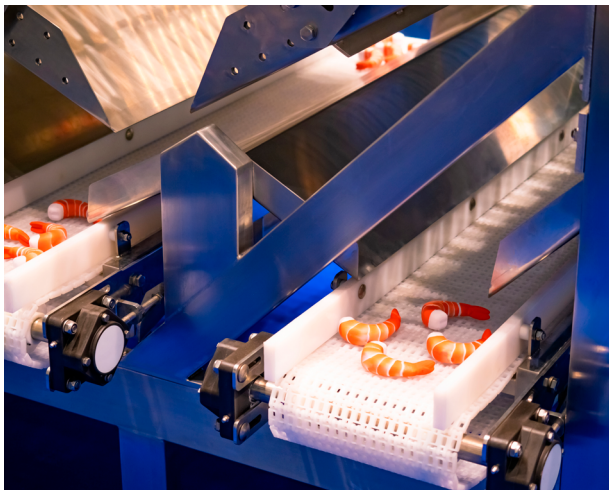
Scientists of Tyumen State University are working on creating a system for smart farms that could radically change the entire urban farming industry. "Using artificial intelligence neural network elements, our system will make smart farms even more intelligent. Now such a farm will be able not only to monitor and control the parameters of the production process, but also to give advice on how to act in case of equipment breakdowns, plant diseases and other emergency situations," comments Alexei Prokoshina, head of TSU's scientific agrobiotechnical complex. [RIA](#)



WORLD MARKET / 05.09.2023

Japanese Seafood Exports to China Fell 23.2%

The value of Japanese seafood exports to China fell in July as Beijing began tightening its customs controls in opposition to Japan's plan to release treated and diluted water from the Fukushima Daiichi nuclear power plant. Japan's fisheries ministry says seafood exports to China in July came to 7.7 billion yen, or roughly 52 million dollars. That was down 23.2% from a year earlier in yen terms. It was also the first year-on-year decline since January 2021, when people were eating out less frequently because of the coronavirus pandemic. [NHK](#)



WORLD MARKET / 07.09.2023

International Conference on Food Security Opened in Uzbekistan

The international conference on food security opened at the congress center in Samarkand. It is attended by the head of the government of Uzbekistan Abdulla Aripov, Ministers of Agriculture of several countries in Europe and Asia, diplomats, as well as representatives of international organizations and financial institutions. Participants will discuss international food safety standards, aspects of national security in the field of ecology and food.

[TASS](#)

WORLD MARKET / 08.09.2023

Malaysia Resumes Live Cattle Exports from Australia

The Australian Department of Agriculture, Fisheries and Forestry said it has been formally notified that Malaysian authorities intend to immediately begin issuing import permits to Australian businesses. The shipment of cattle and buffalo is due to leave the northern Australian port of Darwin for Malaysia in the next 48 hours. The trade freeze began in August when Kuala Lumpur raised concerns about lumpy skin disease after Indonesia suspended cattle imports from four export facilities in northern Australia. [Asian Agribiz](#)



WORLD MARKET / 08.09.2023

Sweden Records First Ever Case of African Swine Fever

Sweden's National Veterinary Institute has confirmed that a case of African swine fever has been detected in the country for the first time. The highly contagious viral disease of domestic and wild pigs was confirmed from a sample of a dead wild boar found southeast of Fagersta – 145km from Stockholm. The country's National Veterinary Institute said seven wild boars have been found dead in the Fagersta area since August 25, 2023. Samples from another wild boar are on their way to the veterinary institute for testing, it said. [Agriland](#)



ANALYTICS

ANALYTICS / 04.09.2023

Rabobank Named the Top 20 Dairy Producers

Rabobank has published its annual ranking of the largest players in the dairy industry. The first place is occupied by the French company Lactalis with a turnover of just under 30 billion dollars. American manufacturer Dairy Farmers of America (DFA) moved from fourth to second place, followed by Nestlé (Switzerland) and Danone (France) in third and fourth positions, respectively. The fifth place was taken by the Chinese manufacturer Yili.

[Dairy Global](#)

ANALYTICS / 08.09.2023

Argentina Anticipates Rebound in Soybean Crop

Argentina's soybean crop is expected to rebound in the 2023/24 crop year to an estimated 50 million tonnes, up from 21 million tonnes last season, according to a Sept. 7 report from the Buenos Aires grain exchange. The country is a top exporter of processed soybeans and also a major corn and wheat supplier. A historic drought sharply reduced production last season. Corn production is forecast at 55 million tonnes, up from 34 million tonnes in 2022/23 while wheat production is estimated at 16.5 million tonnes, up from 12.2 million tonnes.

[World Grain](#)



ANALYTICS / 07.09.2023

Kiel: the Number of Container Ships Is Growing in Russian Ports

In August, global trade shows a clear countermovement to the weak summer months. The values of the Kiel Trade Indicator for global trade and also for the trade of major economies are all positive and, in some cases, show significant increases compared with the previous month of July (adjusted for price and seasonal effects). In Russia's ports, the number of container ships arriving is surging and, despite sanctions and a weak ruble, is almost at the level seen before 2022. Thus, the volume of goods unloaded in August at the three largest ports — St. Petersburg, Vladivostok and Novorossiysk — approached the figures for 2022. [Kiel](#)



ANALYTICS / 08.09.2023

FAO Food Price Index Continued Declining

The decline in world food prices continued declining in August after an increase recorded in July. This is evidenced by the widespread Food Price Index of the UN Food and Agriculture Organization (FAO), which reflects monthly changes in international prices for major types of food. As indicated, in August the index averaged 121.4 points, which is 2.1% lower than in July and 24% lower than the peak value reached in March 2022. At the same time, the FAO grain price index decreased by 0.7% compared to July. [FAO](#)