

**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

29.05 – 04.06.2023



THREE MAIN TOPICS

- **Russian Researchers Test a Hydrogen-Powered Drone**
- **MGIMO Opens Enrollment for Master's Program 'World Agricultural Markets'**
- **FAO: World Food Prices Fell to a Two-Year Low**



EDUCATION

EDUCATION / 30.05.2023

Cage-Free Model Egg Farm and Training Centre to Be Built in China

Shanxi Agricultural University, together with Global Food Partners, have announced that they will construct China's first cage-free training centre and model farm. The centre will aim to provide practical training in best practices in cage-free management, offer a research and development centre and serve farmers, auditors, veterinarians and other industry stakeholders regionwide, the partners announced. At the event, the partners also launched new Best practice guidelines for cage-free egg production in the country.

[Poultry World](#)



EDUCATION / 01.06.2023

Agricultural Drone Centre Will Be Launched in the Saratov Region

A cutting-edge Agricultural Drone Center aimed at training in managing agricultural drones, as well as solving problems of the agro-industrial complex using UAVs, will be created in the Saratov region. The concept was presented at the Strong Ideas for a New Time forum. According to the project's author, the center will reduce the outflow of the youth from the region by proposing a sought-after and innovative profession. The construction of the center is expected to require up to 12 million rubles.

[GlavPahar](#)

EDUCATION / 02.06.2023

MGIMO Opens Enrollment for Master's Program 'World Agricultural Markets'

The MGIMO School of Business and International Proficiency opens enrollment for the Master's program "World Agricultural Markets". The program has been implemented since 2019 with the support of the Ministry of Agriculture of the Russian Federation, JSC Rosselkhozbank in cooperation with the best agricultural universities — Stavropol State Agrarian University and Kuban State Agrarian University. Master's program "World Agricultural Markets" is focused on the training of specialists in the Agro-industrial complex. [SSAU](#)

 SCIENCE

SCIENCE / 30.05.2023

Timiryazev Academy Elaborated Bread for Medical Nutrition

Scientists of RGAU-MSHA named after K.A. Timiryazev have elaborated bread for medical nutrition based on lupine. "They have added lupine flour to a bread recipe. It is lupin that represents the source of proteins, vegetable fats and fiber balanced in amino acid composition," the press service said, emphasizing that in terms of quality characteristics, bread with lupine flour is not inferior to bakery products made from premium wheat flour.

[RIA News](#)

SCIENCE / 31.05.2023

Kuban Scientists Bred a Yellow-Seed Variety of Spring Rapeseed

Breeders of the Federal Scientific Center All-Russian Research Institute of Oilseeds named after V.S. Pustovoit have bred for the first time a yellow-seed variety of spring rapeseed, the press service of the Ministry of Agriculture of the region reported. According to the Ministry, the variety, which was called "kenar", was created for about 25 years. It is noted that rapeseed oil from yellow seeds has improved organoleptic properties. The variety is included in the State Register of Breeding Achievements in 2023 and is approved for cultivation throughout Russia. [Interfax](#)



SCIENCE / 01.06.2023

Russian Scientists Created a Fertilizer from Livestock and Poultry Waste

Fertilizer based on livestock and poultry waste was developed by the specialists of Ural Federal University named after the first Russian President B.N. Yeltsin and Ural Interregional Research Education Center in cooperation with an industrial partner. It contains the positive properties of both organic and mineral components, scientists explained. According to them, it is necessary to select the optimal concentrations, taking into account the state of the soil, the region of growth and other factors before using new fertilizer.

[RIA News](#)

 INNOVATION



INNOVATION / 31.05.2023

Russian Researchers Test a Hydrogen-Powered Drone

Russian scientists and engineers have completed testing a new innovative domestic drone based on hydrogen fuel cells. The tests were carried out at the training ground of the Federal Research Center of Problems of Chemical Physics and Medicinal Chemistry, Russian Academy of Sciences. Hydrogen UAV is able to stay in the air several times longer than with a conventional battery — 2.5 hours. The drone's speed can reach 50 km per hour, and the weight of the lifted load is 2 kg. [GlavPahar](#)



INNOVATION / 31.05.2023

Dutch Farmers Watching the Future of Agriculture

The second edition of the Dutch exhibition Future Farming & Food Experience (FF & FE) attracted about a thousand visitors. Double from last year. From laser weeding and human fertilizer to automatic planting, "just ask questions" and the data road-map. FF & FE was there precisely to give the farmer direction in the stormy weather in which agriculture lives. To show where the sector is going. To indicate something of a harbour. Lots of technology, lots of robots, but also dialogue about social issues in the Netherlands. [Future Farming](#)

INNOVATION / 01.06.2023

Robotic Platform for Farm Maintenance

The Polytech Voltage Machine team has launched an unmanned robotic platform designed to automatically clean areas from snow, dirt and dust. The machine can also be equipped with agricultural implements and used for processing plantings on small farms, for which bulky tractors are not suitable. According to experts, the invention will be in demand, but there is still a long road ahead before the platform enters mass production.

[Izvestia](#)



WORLD MARKET

WORLD MARKET / 30.05.2023

Sixth Showroom with Russian Agricultural Products Launched in Saudi Arabia

On May 30, Riyadh hosted the grand opening of a demonstration and tasting pavilion with Russian agricultural products Good Food Russia. There are Made in Russia food products, including sweets, sunflower oil, cereals, pasta and soft drinks. In total, it houses 199 types of products from 19 Russian exporters. The pavilion in Riyadh is the sixth showroom that the Russian Export Center has opened abroad. Russian showrooms are now operating in China, Vietnam, Egypt, UAE and Turkey. [Vedomosti](#)

WORLD MARKET / 01.06.2023

India Moves to Strengthen Grain Storage

The Union Cabinet chaired by Prime Minister Shri Narendra Modi approved an Inter Ministerial Committee to facilitate the World's Largest Grain Storage Plan in Cooperative Sector, program, which entails setting up a variety of agricultural infrastructure, including warehouse, custom hiring center and processing units at the level of Primary Agricultural Credit Societies, transforming them into multipurpose entities. The multipronged plan also foresees modernization of grain storage infrastructure at the PACS level reducing food grain waste by creating sufficient storage capacity, strengthening food security and enabling farmers to realize better prices for their crops. [World Grain](#)



WORLD MARKET / 01.06.2023

Bunge, Viterra Merger Would Create Global Agriculture Trading Giant

A merger of U.S. grains merchant Bunge Ltd with rival Viterra would grow the combined entity's businesses in the U.S., Brazil and Australia and may raise competition concerns in parts of Canada and Argentina, where key oilseed processing assets overlap, analysts said. Sources said Bunge and Glencore Plc-owned Viterra were in talks for a potential mega deal that would further consolidate global agriculture trading and bring Bunge closer in global scale to leading rivals Archer-Daniels-Midland Co and Cargill Inc. [Reuters](#)



WORLD MARKET / 02.06.2023

RCEP Enters into Full Force

The Regional Comprehensive Economic Partnership (RCEP) entered into force in the Philippines, signifying that the pact is now effective for all 15 members, a new stage of full implementation for the free trade area with the largest population, largest economic and trade volume in the world. "The full entry into force of RCEP fully demonstrates that the 15 member countries have taken practical actions to support an open, free, fair, inclusive and rules-based multilateral trading system, and they are committed to continuously promoting a comprehensive, mutually beneficial and high-level economic partnership," a spokesperson from the Ministry of Commerce said. [Global Times](#)

 **ANALYTICS**

ANALYTICS / 31.05.2023

Beef Outlook: North American Cattle Prices Diverge Upward

Cattle prices in North America continue to skyrocket to record highs even though global beef supplies are expected to remain steady for the next year, according to Rabobank's Global Beef Quarterly report for the second quarter of 2023. "While global supplies remain balanced, cattle prices in the US and Canada push into new record territories," said Angus Gidley-Baird, senior analyst of animal protein at Rabobank. "This is driven by declining production volumes and firm demand. It stands in contrast to other beef producing and exporting countries, which have declining or steady cattle prices. The spread between US cattle prices and those in other countries is the largest in the history of Rabobank's index." [Meat+poultry](#)



ANALYTICS / 02.06.2023

Global Warming to Wheat Crop Failure Every 6 to 16 Years in the US and China

European and American climatologists have found that global warming in the coming decades would cause major droughts and heatwaves to occur every 6 to 16 years in key wheat-producing regions of the US and China. "Scientists' calculations show that heatwaves, which happened about once every hundred years until the end of the 20th century, will now occur every six years in the US Midwest and every 16 years in the regions of China that produce wheat. Weather anomalies will have an extremely negative impact on cereal yields in these key agricultural regions of the world," the report says. [TASS](#)



ANALYTICS / 02.06.2023

FAO: World Food Prices Fell to a Two-Year Low

The benchmark index of international food commodity prices declined in May amid significant drops in quotations for most cereals, vegetable oils and dairy products, the Food and Agriculture Organization of the United Nations (FAO) reported. The FAO Food Price Index, which tracks monthly changes in the international prices of commonly-traded food commodities, averaged 124.3 points in May, down 2.6 percent from April and as much as 22.1 percent below the all-time high reached in March 2022. [FAO](#)