

**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

14.08 – 20.08.2023



THREE MAIN TOPICS

- **Danish Scientists Created a Sourdough Starter that Accelerates the Maturation of Cheese Twice**
- **Egypt Commences Sugar Trading on Commodities Exchange**
- **Rabobank Expects Growth in Demand for Grain in East Africa**



EDUCATION

EDUCATION / 18.08.2023

EDUCATION / 14.08.2023

IFF Offers Feed Technologies Course

Registration is still available for the International Research Association of Feed Technology (IFF) "Essentials of Feed Compounding Technologies" practical course September 5–7 at the IFF Research Institute of Feed Technology. This course is intended for advisers, technical staff and other interested personnel working in the feed industry. It is also recommended to employees of the supplying industry, nutritionists and policymakers. Lectures will be presented in English. [World Grain](#)

EDUCATION / 14.08.2023

In Stavropol, Agricultural Classes Will Be Launched in Schools

A new education project is going to be implemented in the Stavropol Territory, said the Governor of the region Vladimir Vladimirov. "Together with Stavropol State Agrarian University, we are planning to launch a new educational project — agricultural classes in schools. The project is aimed at providing early career guidance," Vladimirov wrote in his Telegram channel. He noted that specialties will be different in each district of the region and will be determined based on the requests of local enterprises. [Interfax](#)



Chuvashia Will Train IT Personnel for Agriculture

Chuvashia is launching the "Code of the Future" program, which supposes training of IT personnel for agriculture. A quadripartite cooperation agreement was concluded between the Ministry of Agriculture of Chuvashia, the company Mobile Electronic Education LLC, the Ministry of Education of Chuvashia and JSC Rosselkhozbank. The document approved the cooperation of the parties on the modernization and digital development of educational programs for training personnel working in agriculture. The measure will affect all levels of education, including preschool, general and vocational. [GTRK Chuvashia](#)



 SCIENCE

SCIENCE / 14.08.2023

Dead Flies Could Be Used to Make Biodegradable Plastic, Scientists Say

A group of researchers from Texas A&M University have found that a polymer sourced from dead flies left over from fly farming could prove a suitable and sustainable starting material to make functional bioplastics. Scientists are working on elaborating a bioplastic from flies that would be as good as polycarbonates or polyurethane (traditionally made from petrochemicals). They hope that their development will help fight the problem of plastic pollution. [The Guardian](#)



SCIENCE / 15.08.2023

Scientists Found a Way to Measure Antibiotic Resistance Genes in the Environment

An international research team led by Professor Tong Zhang from the Center for Environmental Engineering at the University of Hong Kong has developed a universal unit for biological measurements of antibiotic resistance. According to the scientists, this will allow them to compare different studies and make it possible to carry out more effective and coordinated surveillance. The results of the study were published in the journal Environmental Science & Technology. [ViZh](#)

SCIENCE / 16.08.2023

Danish Scientists Created a Sourdough Starter that Accelerates the Maturation of Cheese Twice

Researchers at the Technical University of Denmark (DTU) have grown a new strain of mesophilic bacteria from scratch that releases enzymes for cheese maturation faster. Scientists say a newly developed sourdough starter could help cheeses like cheddar and gouda ripen almost twice as fast. The new sourdough has been tested on semi-hard Danbo cheese and has reduced maturation time from 25 to 13 weeks.

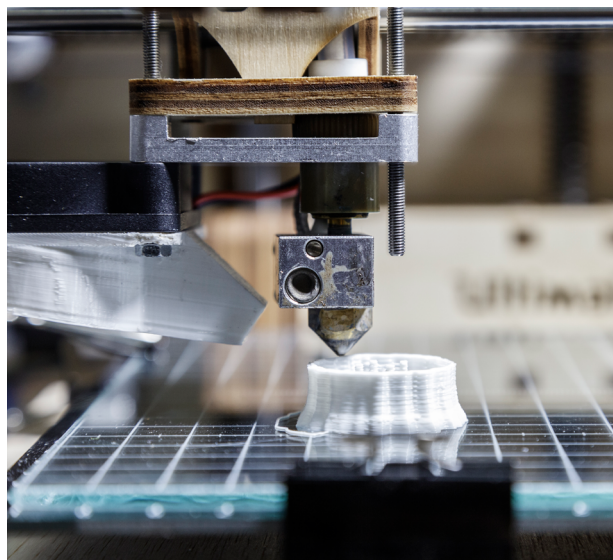
[Milknews](#)

 INNOVATION

INNOVATION / 14.08.2023

Singapore Scientists Develop 3D-Printed Calamari Rings

Researchers at the National University of Singapore have developed vegan calamari rings using microalgae, mung bean proteins, and 3D printing technology. They claim that the new vegan calamari rings are tasty, high in protein, and have the potential for commercialization. The team, which aims to create alternative proteins to address overfishing and food security, unveiled their NPD at the American Chemical Society (ACS) Fall 2023. [Science](#)



INNOVATION / 15.08.2023

Scientists Propose to Use AI in the Selection of Highly Productive Animals

The use of artificial intelligence in breeding will accelerate the breeding of high-yielding plants and animals and contribute to the sustainability and profitability of agricultural production. This is written by the Australian agricultural portal Beef Central, citing scientists from the University of Queensland. According to the researchers, there is an enormous amount of data that could be used to make the most intelligent decisions in the process of selective breeding of animals and plants. [ViZh](#)

INNOVATION / 15.08.2023

Brazil: at the Forefront of Cultured Meat Development

Embrapa Swine and Poultry has led a pioneering study in Brazil to develop chicken meat that is grown under controlled laboratory conditions. The new product, which resembles sasami, in the form of prototypes of boneless chicken breast fillets, should be ready for nutritional and sensory analyses by the end of 2023. Characterized as an alternative protein, the technology recreates animal tissue in laboratory from animal cells, providing meats that are analogous to natural ones. It is an innovation that meets current consumer and value-adding trends. [The Pig Site](#)



WORLD MARKET

WORLD MARKET / 14.08.2023

Namibia Bans Poultry Imports from Denmark, Netherlands due to Bird Flu

Namibia has suspended imports of live poultry, birds, and poultry products from Denmark and the Netherlands following the outbreak of highly pathogenic avian influenza in the two European countries, according to Reuters. The suspension will affect poultry products packaged in Denmark on or after June 28 and poultry products from the Netherlands packaged on or after July 11, Namibia's veterinary services directorate said in a statement. Consignments of affected poultry products will be sent back to their country of origin or destroyed at the importer's cost, it said, adding cooked poultry meat products for commercial purposes may still be imported under a veterinary permit. [Euromeat](#)



WORLD MARKET / 17.08.2023

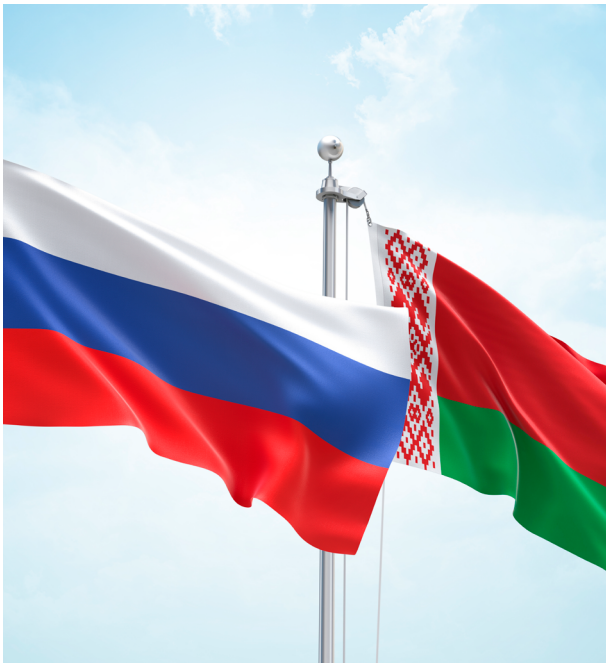
Egypt Commences Sugar Trading on Commodities Exchange

Sugar will now be part of the commodities traded at the Egyptian Commodities Exchange, Daily News Egypt has reported citing the head of the platform Ibrahim Ashmawy. He said that the offering aligns with the Egyptian state's policy that leans towards the regulation of strategic and basic commodity markets. Sugar trading also supports the government's efforts to provide commodities in equal and transparent competition, and control commodity markets. It will also stabilize their prices by establishing a direct trading relationship between each of the producers of commodities, manufacturers, and all elements of supply chains, Ashmaw explained. [Food Business Africa](#)

WORLD MARKET / 17.08.2023

Mutual Agricultural Trade between Russia, Belarus Is up by 5%

The volume of mutual trade in agricultural products between Russia and Belarus gained by 5% in the first half of 2023 against the like period of 2022, the press service of the Russian Ministry of Agriculture said after the working meeting between Russian Minister of Agriculture Dmitry Patrushev and Deputy Prime Minister of Belarus Leonid Zayats and Minister of Agriculture of Belarus Sergey Bartosh. According to the Ministry, the volume confirms the high level of cooperation between countries in the field of agriculture. [TASS](#)



WORLD MARKET / 20.08.2023

India Headed for Driest August in the Last 100 Years

India is heading for its driest August in more than a century, with scant rainfall likely to persist across large areas, partly because of the El Niño weather pattern, two weather department officials told Reuters. August rainfall, expected to be the lowest since records began in 1901, could dent yields of summer-sown crops, from rice to soybeans, boosting prices and overall food inflation, which jumped in July to the highest since January 2020.

[Deccan Herald](#)



ANALYTICS

ANALYTICS / 14.08.2023

USDA Sees Global Wheat Stocks Falling

Global wheat ending stocks in the marketing year 2023/24 are estimated to decline to their lowest level in eight years, according to the US Department of Agriculture's World Agriculture Supply and Demand Estimates report released on Aug. 11. In its monthly report, USDA lowered its estimate by 900 thousand tonnes to 265.6 million, the lowest since 2015/16. The record high for wheat ending stocks was 297.9 million tonnes in 2019/20. This year's projected total is still well above the lowest level this century, which was 129.1 million tonnes in 2007/08. [World Grain](#)

ANALYTICS / 15.08.2023

EU Pigmeat Prices Now 25% Higher than Last Year

EU pigmeat prices have declined by 1.4% to an average price of 248 euro (268,39 dollars) per 100 kg carcass weight, compared to last month, according to the latest EU pigmeat dashboard. Piglet prices in the EU were down by 3.9% last month at an average price of 84.4 euro (91,34 dollars) per head. However, average pigmeat and piglet prices were 25% and 72.5% higher respectively than last year. [Agriland](#)



ANALYTICS / 16.08.2023

Global Water Demand Will Grow by 25% by 2050

A quarter of the world population living in twenty-five countries uses 80% of their available water each year and experiences extreme water stress, according to new research by the World Resources Institute (WRI). The demand for water is rising globally and has increased more than twice since 1960, according to the institute's Aqueduct water risk map. The projected increase in global water demand by 2050 ranges from 20% to 25%.

[The Guardian](#)



ANALYTICS / 16.08.2023

Rabobank Expects Growth in Demand for Grain in East Africa

A recent report by Rabobank notes that growing populations, urbanization and dietary changes in eastern sub-Saharan Africa will boost grain consumption, especially wheat, in the next decade. The demand for grain is expected to grow from 6 million tonnes to 9 million tonnes in the region by 2035. The report also states that this will provide significant opportunities for the development of trade and business on the continent.

[Feed Strategy](#)

