

**INSTITUTE OF WORLD  
AGRICULTURAL MARKETS**

# **MEDIA DIGEST**

**03.07 – 09.07.2023**



## THREE MAIN TOPICS

- **Graduates of the World Agricultural Markets Program Were Awarded Diplomas**
- **Scientists Crossed a Pig with Beans**
- **FAO: Production Growth to Slow in the Next 10 Years**



### EDUCATION

EDUCATION / 05.07.2023

#### **SSAU Rector: Recruitment for Agricultural Programs Is up by 3.5 Thousand People in Russia**

In an interview with TASS, SSAU Rector Vladimir Sitnikov said that current priorities in Russian education were training personnel who were critical for everyday life. In particular, he noted that enrollment in higher education programs in agriculture increased by 3.5 thousand people across the country. "We are launching joint training programs and mirror laboratories with MGIMO, IBCh RAS, Moscow Institute of Physics and Technology and a number of other top scientific institutions," he added. [TASS](#)

EDUCATION / 06.07.2023

#### **Graduates of the World Agricultural Markets Program Were Awarded Diplomas**

On July 6 was held a solemn ceremony of awarding diplomas to graduates of the MGIMO School of Business and International Competences. Among the masters who received diplomas were graduates of the World Agricultural Markets program. The award ceremony began with a speech by MGIMO Rector Anatoly Torkunov. Honorary guests of the university presented diplomas to graduates. Dmitry Krasnov, head of the Agroexport Federal Center, was invited to present master's degrees to graduates of the World Agricultural Markets program.

[MGIMO School of Business](#)

EDUCATION / 07.07.2023

#### **American Companies Expand Cooperation with Universities**

As Tyson Foods Inc. celebrated a full year of providing tuition-free education for all US employees, the company announced a new partnership with the University of Arkansas. The university will offer six new programs for Tyson workers that include degrees and certificates in general business, supply chain management, human resources management and other professional certifications. "We're investing in the future of our team members and providing the tools and resources they need to be successful, both personally and professionally," said Donnie King, president and chief executive officer of Tyson Foods. [Meat+Poultry](#)





## SCIENCE

SCIENCE / 03.07.2023

**Scientists Crossed a Pig with Beans**

Alternative protein company Moolec Science has created transgenic soya beans by ensuring that a quarter of the protein is pig rather than plant protein. The UK-based firm, which is also creating pea plants that contain beef protein, says its products will be able to provide similar nutritional value, taste and texture as meat but at a lower cost than cultured meat. The company has created the genetically modified soya plants, which have a pinky-red tinge inside them. According to the New Scientist, this means that it is likely one of the added genes is for a protein with an iron-containing haem group such as myoglobin. [All About Feed](#)

SCIENCE / 05.07.2023

**Drought-Resistant Shrub to Help Australian Farmers Survive Dry Winter**

Australia's national science agency is driving the adoption of a drought-resistant shrub to help farmers survive a dry winter. Under its Drought Resilience Mission, the Commonwealth Scientific and Industrial Research Organization (CSIRO) encourages livestock farmers across Australia's southeast to plant hundreds of thousands of Anameka Saltbushes. Developed over 15 years by the CSIRO, the elite variety of saltbush grows in all conditions and has higher nutritional value and improved palatability for livestock. [TASS](#)

SCIENCE / 06.07.2023

**Perm Scientists Developed a Growth Activator to Combat Crop Failure and Drought**

Scientists of Perm Polytechnic University have patented a fertilizer — a growth activator to combat crop failure and drought. Due to magnesium and phosphorus, it ensures the acceleration of growth and fruiting of agricultural crops, improves taste characteristics, and also makes plants less likely to suffer drought. The experiment showed that the growth of vegetables and seasonings with the use of fertilizer had boosted from 20 to 51%. [GlavAgronom](#)

SCIENCE / 06.07.2023

**Japanese Breeders Brought out Lemon Melon**

Hokkaido farmers have developed a new fruit, the Lemon Melon, combining the best of both. The new fruit is, fittingly, called the Lemon Melon, and is currently being cultivated in limited quantities by five farmers in the city of Furano, Hokkaido. While it has the same shape as a watermelon, the rind lacks the familiar stripes, and the inside is white. Suntory Flowers, the Japanese horticulture company that developed the Lemon Melon, said they bred it from a type of melon originally imported from overseas, which they have been working to improve over the last five years. [My planet](#)

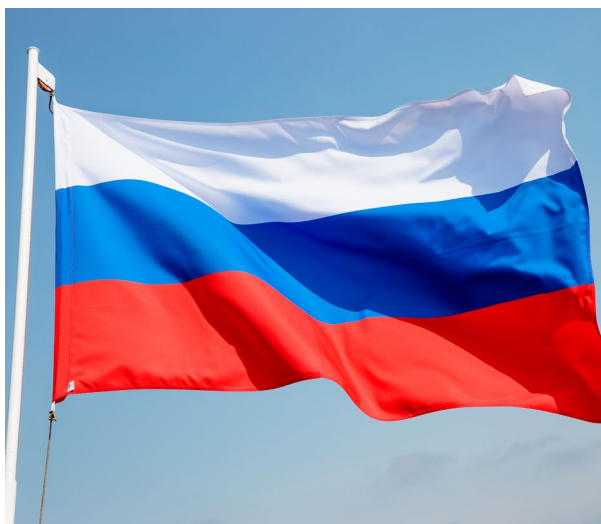


## INNOVATION

INNOVATION / 03.07.2023

**Russian Scientists Create Digital Agroecological Sensors**

Scientists of Timiryazev Academy are creating local digital agroecological sensors that allow farmers to quickly receive information from remote observation sites every half an hour. The devices are able to record detailed daily and seasonal dynamics of the height and agro-ecological state of crops, microclimatic indicators of air and soil, which are vital for the sustainable production of high-quality agricultural products with minimal environmental and economic risks. [Timiryazev Academy](#)





**INNOVATION / 04.07.2023**

### Drones Help Pick Fruit from Trees in Israel

Israeli startup Tevel Aerobotics Technologies has developed flying autonomous robots (FARs) that take off from a base station, pick only the ripe fruit off the tree and gently lower it for collection. Each FAR is equipped with advanced artificial intelligence (AI) that helps it determine whether a particular fruit is ready for picking; the best way to twist and turn the fruit off the branch with its one-meter-long mechanical arm; and whether it has blemishes that make it unmarketable and therefore should be discarded. FARs are already in use in Israel, the United States, Italy and Chile, and works with more than 40 different types of apples, peaches, nectarines, plums, apricots and pears, the company said. [MashTech](#)

**INNOVATION / 06.07.2023**

### Online Tool to Assess Habitat Scores on Farms

A new online tool that allows farmers to assess the level of space provided for nature on their farm has been developed by the College of Agriculture, Food and Rural Enterprise (CAFRE) in Northern Ireland. The CAFRE BIO-tool is an online resource that aims to assess the "intended or unintentional provision for nature on a farm", and will also provide farmers with some suggestions on how a farm can be developed further for biodiversity [Agriland](#)



**WORLD MARKET**

**WORLD MARKET / 06.07.2023**

### Argentina Declares Phytosanitary Alert over New Virus

Argentina's National Service for Agri-Food Health and Quality has issued a phytosanitary alert for the entire country due to tomato brown rugose fruit virus (ToBRFV), a new virus that damages tomato and pepper crops. This measure will be in effect until December 31, 2024 and aims to step up efforts to determine the situation of ToBRFV in the country, contain and eradicate outbreaks, and inform producers and citizens at large about the situation.

[IA Red Spring](#)

**WORLD MARKET / 07.07.2023**

### Brazil: Amazon Deforestation down by a Third in First Half of 2023

Brazil has said that deforestation in the Amazon is down by almost 34% in the first half of 2023 when compared to the same period last year. Government data released also shows that there was a 41% drop in deforestation in the Amazon last month on the June 2022 figure. Brazil's President Lula da Silva has pledged to end deforestation by 2030. The left-wing politician who came to power at the start of this year has made the issue a central part of his government's environmental policy. [Agriland](#)





**WORLD MARKET / 08.07.2023**

### Egypt Begins Construction Works of Fishing Port

Egypt has started the construction works of the fishing port in the city of Rosette, soon to be the first integrated fishing port in the country. Occupying an area of 4.8 hectares, valued at 19.4 million dollars, will feature a quay whose capacity is 60 fishing boats per hour and another dedicated to maintenance. The quay will be equipped with a tugboat whose capacity is over 2,000 tonnes. The project also includes the construction of 3 factories. The first will be dedicated to the manufacture of ice cubes, the second to the production of fishing nets, and the third will be devoted to the processing and cooling of fish. [FoodBusinessAfrica](#)

**WORLD MARKET / 09.07.2023**

### EU and New Zealand Sign Free Trade Agreement

The EU and New Zealand have today signed their free trade agreement which aims to increase bilateral trade by 30% within a decade. The deal will cut some 140 million euro (153,35 million dollars) a year in duties for EU companies sending goods to New Zealand from the first year of the agreement coming into force. Brussels estimates that annual EU exports could grow by up to 4.5 billion euro (4,93 billion dollars), while EU investment into New Zealand has the potential to increase by up to 80%. [Agriland](#)

 **ANALYTICS**

**ANALYTICS / 05.07.2023**

### Kiel Trade Indicator: China Supports World Trade

The latest Kiel Trade Indicator update for June shows an increase of 0.3 percent in global trade compared with the previous month of May, supported primarily by China's trade (month-on-month comparison, price and seasonally adjusted). "China is increasingly recovering from the global low in demand last winter, especially with regard to exports, and is thus also supporting global trade in goods. Surprisingly, imports have not risen to the same extent and China has been running a significant goods surplus since last year. Weak domestic demand and less dependence on intermediate products from abroad could be the reasons," says experts. [Kiel](#)



**ANALYTICS / 06.07.2023**

### **Growth in Global Milk Production Slows to Lowest Level on Record**

Growth in global milk production has slowed to its lowest level on record, according to the International Farm Comparison Network. Milk production had been growing steadily at around 2.5% per year, but this fell to 0.4% in 2022, according to provisional results from typical farms around the world. Experts believe that farmers should aim to 'think global but act local' by considering where they fit in the global picture and seeking solutions that work in their own region. [Farming UK](#)

**ANALYTICS / 06.07.2023**

### **FAO: Production Growth to Slow in the Next 10 Years**

Global agricultural and food production are projected to continue to increase over the next ten years, but at a slower pace of growth than the previous decade due to demographic trends, according to a report released today by the Food and Agriculture Organization of the United Nations (FAO) and the Organisation for Economic Cooperation and Development (OECD). Total food consumption is expected to rise by 1.3% per annum by 2032, indicating an increase in the share of agricultural commodities used as food. [FAO](#)

**ANALYTICS / 07.07.2023**

### **USDA: Pakistan Expecting Record Wheat Crop**

In its first official assessment for 2023/24 (May-April), the government of Pakistan is forecasting the country's wheat production to grow 6% to a record 28 million tonnes, according to a Global Agricultural Information Network report from the Foreign Agricultural Service (FAS) of the US Department of Agriculture. "In recent years, abnormally hot and humid weather near harvest negatively affected output," FAS Post Islamabad said. "This year, however, the weather was favorable throughout the growing season, resulting in record output. Government policies ensured adequate supply of seeds and other inputs throughout the growing cycle." [World Grain](#)

