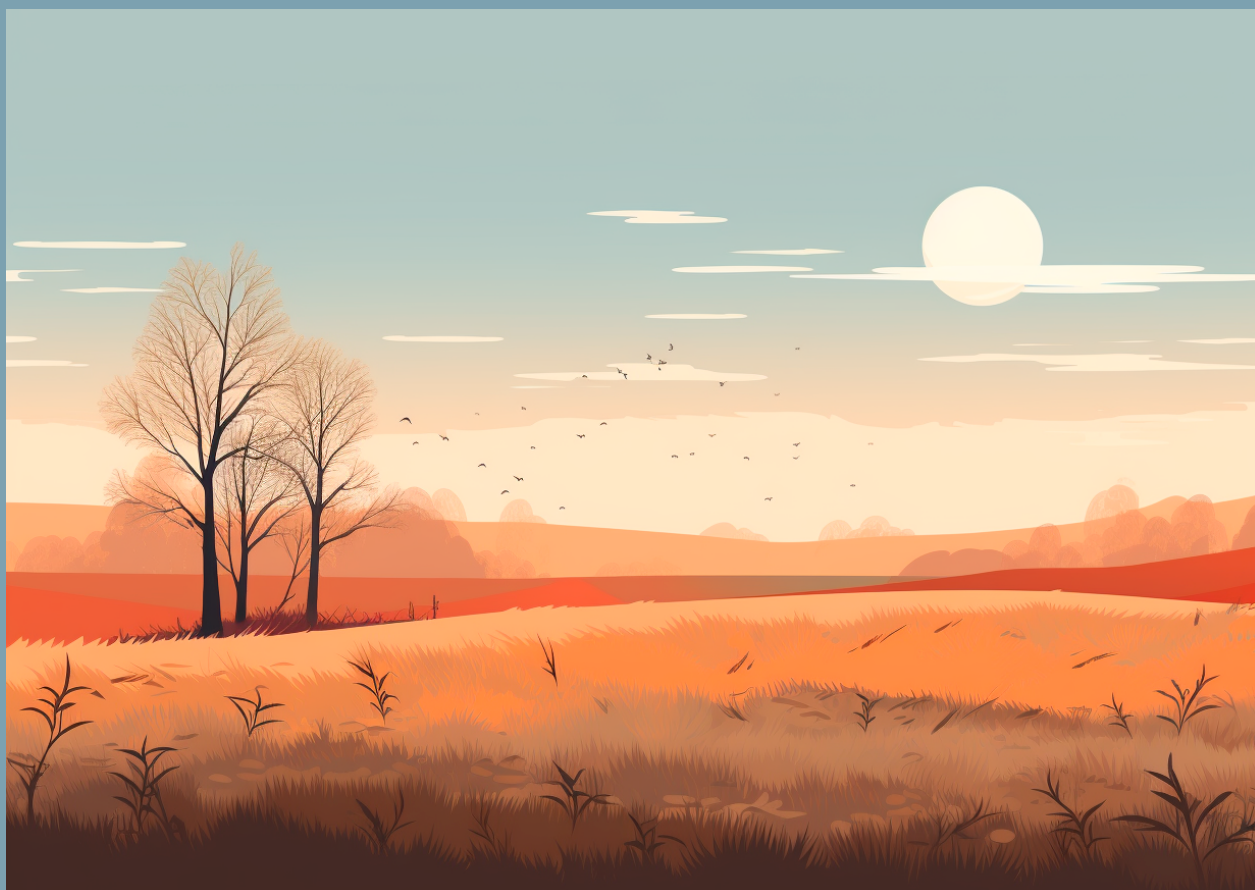


**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

02.10 – 08.10.2023



THREE MAIN TOPICS

- [MGIMO Took Part in the Exhibition “Golden Autumn 2023”](#)
- [Poland, Ukraine Reach Deal on Grain Transit](#)
- [FAO: World Cereal Production to Reach Record Levels in 2023](#)



EDUCATION

EDUCATION / 03.10.2023

Bashkir State Agrarian University Conducts Training for Gardeners

A conference of gardeners was held on the basis of the Bashkir State Agrarian University. During the meeting, participants discussed government support for horticultural non-profit partnerships, as well as issues of grants, legal and advisory assistance, fire safety and digitalization of the activities of horticultural partnerships. The practical part of the project started on September 28 as a part of the advanced training program "Management of a horticultural non-profit association". [Russian Ministry of Agriculture](#)

EDUCATION / 03.10.2023

Pig Progress Published a Webinar on the Health of Domestic Pigs

The Pig Progress portal has posted a free webinar on the immunity and health of domestic pigs. It was attended by experts from the animal nutrition company Evonik Animal Nutrition. They explained how feed additives should be used when raising pigs and also highlighted various feeding strategies that can improve litter quality. [Pig Progress](#)



EDUCATION / 07.10.2023

MGIMO Took Part in the Exhibition “Golden Autumn 2023”

On October 4–7, MGIMO took part in the XXV Russian Agro-Industrial Exhibition “Golden Autumn 2023”, organized by the Russian Ministry of Agriculture. As part of the “Priority 2030” program, a strategic session “Approaches to assessing export-oriented investment projects in the field of agroexport” was held, organized by the university and the Federal Center “Agroexport”. The session ended with a training seminar for employees of export-oriented agricultural enterprises. [MGIMO](#)



SCIENCE

SCIENCE / 02.10.2023

Israeli Researchers Found Green Method to Control Disease in Cotton Crops

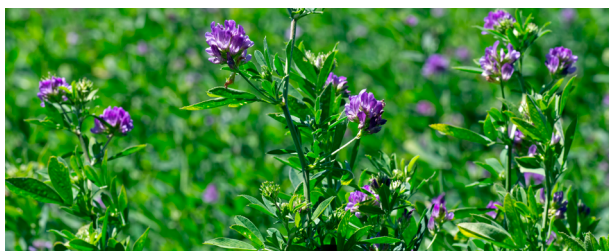
Israeli researchers have found a biological agent to control charcoal rot disease that affects cotton crops, the MIGAL Galilee Research Institute in northern Israel said on Sunday. Charcoal rot symptoms develop in the late stages of growth and include drying of the leaves and stems, wilting, and death of the plant. In a study led by the MIGAL Galilee Research Institute and Tel Hai Academic College, and published in the journal *Frontiers in Plant Science*, the researchers developed a biological pesticide based on *Trichoderma fungi*. [The Star](#)



SCIENCE / 05.10.2023

Russian Scientists Developed a Variety of Alfalfa to Boost Cow Productivity

Employees of the Ural Federal Agrarian Research Center of the Ural Branch of the Russian Academy of Sciences have developed a new highly nutritious variety of alfalfa, thanks to which cows will produce more milk. A new variety of this legume plant can become the basis of feed for cows, birds and pigs, since it contains 20% more protein, carotene, fiber, as well as vitamins and amino acids. In addition, the new product is distinguished by high seed productivity, which is 41.5% higher than in the standard alfalfa variety "Sarga". [Rossiyskaya Gazeta](#)



SCIENCE / 06.10.2023

Bumblebees Have an Effective Defense Mechanism Against Asian Hornets

Scientists from the University of Exeter observed more than 120 of these confrontations and were amazed to find that the bumblebees successfully repelled the hornets in every instance. However, it is important to note that the researchers observed a decrease in the growth rates of bumblebee colonies in regions with a high population of Asian hornets. This indicates that Asian hornets still have an adverse effect on bumblebee colonies, even when their attempts to breach the colony entrances are typically unsuccessful.

[AZO Lifes Sciences](#)



SCIENCE / 07.10.2023

Russian Scientists Conducted a Study of Oilseeds

A team of scientists from Skoltech, the All-Russian Research Institute of Oilseeds named after V.S. Pustovoit, based on Skoltech, the Oil Gin startup and other organizations have found new markers that will help speed up the selection of sunflowers with a high content of oleic acid. The discovery will simplify the production of healthy high-oleic sunflower oil, the Skoltech press service reported.

[GlavAgronom](#)



INNOVATION

INNOVATION / 02.10.2023

Machine Learning Uses Feeding Data to Detect Illness in Pigs

Researchers from Finland used machine learning methods applied on feeding behaviour data to detect pigs that may be ill. That became clear in a recent publication by researchers from the University of Helsinki and Finland's Natural Resources Institute, which was shared in the peer-reviewed journal Biosystems Engineering. However, in a commercial farm, there is a limited time to observe and detect the individual behavioural changes to avoid delayed treatment of sick animals, economic losses, and impaired welfare.

[Pig Progress](#)



INNOVATION / 04.10.2023

Skolkovo Residents Will Bring Advanced Developments in the Food Industry to Innofood 2023

Resident companies of the Skolkovo innovation center (VEB.RF group) plan to present promising solutions at the International Forum of Innovative Technologies in the Food Industry and Agriculture Innofood 2023, which will be held on October 9-10 in Sochi. According to the foundation's press service, the new products include ingredients for a healthy diet, casings for meat products, dietary fiber with inulin and new varieties of rice. [TASS](#)



INNOVATION / 06.10.2023

Stavropol Scientists Reduced the Cost of Plant Cloning

Stavropol scientists modified the nutrient medium for plant cloning. The new method reduced the cost of technology and accelerated the development of the plants themselves. The university notes that the development has been tested in specialized enterprises of the Mineralovodsky District of Stavropol Territory and has shown its effectiveness. The companies participating in the research began to use a modified nutritional composition in their work.

[TASS](#)



WORLD MARKET

WORLD MARKET / 02.10.2023

NHK: Japan Has not Agreed with Russia on Fishing off the Southern Kuril Islands

Japanese fishermen were unable to begin mackerel fishing off the southern Kuril Islands this season. This happened due to the fact that Japan was unable to coordinate the catch of this fish with the Russian side, NHK TV channel reports. The Japanese Fisheries Ministry said Russia "has shown no desire to resume negotiations". [Kommersant](#)



WORLD MARKET / 03.10.2023

Poland, Ukraine Reach Deal on Grain Transit

Poland, Ukraine and Lithuania have reached an agreement to facilitate the transit of Ukrainian agricultural products through Poland to third countries by transferring product inspections from the Polish border to a Lithuanian port. The three-nation agreement means that Ukrainian grain exports — destined for markets in Africa and the Middle East in particular — will be taken directly through Poland instead of first being checked at the Poland-Ukraine border. [World Grain](#)

WORLD MARKET / 03.10.2023

A Large-Scale Duck Vaccination Campaign Started in France

France has started vaccinating ducks. In this way, the authorities want to prevent mass culling of kept birds in the event of a new outbreak. Veterinarians expect about 60 million waterfowl to be vaccinated next year. The vaccine must be administered twice. France has ordered the first 80 million doses from pharmaceutical company Boehringer Ingelheim. [Bloomberg](#)

WORLD MARKET / 05.10.2023

European Commission Postpones Ban on Keeping Livestock in Cages

The European Commission has postponed a ban on caged livestock, slaughter directives and the introduction of new agricultural product labeling. This was announced by the Executive Vice President of the European Commission, Maros Sefcovic. During a hearing in the European Parliament, he indicated that animal welfare proposals remain a priority, but a review of all legislation requires further assessment and dialogue. [Vox](#)



ANALYTICS / 03.10.2023

Global Chocolate Prices May Continue to Rise

The world could see further increases in chocolate prices as concerns mount over a potential cocoa crop shortage in Ghana and Ivory Coast, the top cocoa-producing regions. Meanwhile, Cocoa prices have surged approximately 47% in the past year, driven by concerns over adverse weather conditions and crop diseases affecting Ivory Coast and Ghana, which together constitute two-thirds of the world's cocoa supply. Major chocolate manufacturers like Hershey Co. and Lindt & Spruengli AG previously cautioned about potential price hikes indicating that increased prices are affecting demand in both Europe and the vital growth market of Asia. [Food Business Africa](#)



ANALYTICS / 04.10.2023

USDA: Japan's Rice Production Expected to Dip

Production of rice in Japan is expected to dip to 7.3 million tonnes in marketing year 2023-24, down from 7.48 million the previous year, as extremely high temperatures and little rain are expected to lower yield and quality, according to a Global Agricultural Information Network report from the Foreign Agricultural Service (FAS) of the US Department of Agriculture. [World Grain](#)

ANALYTICS / 06.10.2023

FAO: World Cereal Production to Reach Record Levels in 2023

FAO's current forecast for global cereal production in 2023 has been increased by 3.8 million tonnes from the previous forecast and now stands at 2,819 million tonnes, up 0.9% (26.5 million tonnes) from last year. This increase is due to improved prospects for the wheat harvest, the forecast for global production in September was increased by 3.7 million tons to 785 million tonnes. The main reason for this was new, more optimistic than previously, harvest estimates in Russia and Ukraine against the backdrop of continued favorable weather conditions. [FAO](#)

ANALYTICS / 06.10.2023

USDA: Brazil Pork Export to Rise 7% in 2024

The USDA Foreign Agricultural Service (FAS) forecasts pork production to increase 7% in 2023 and 5% in 2024, according to a recent US Department of Agriculture (USDA) Global Agricultural Information Network (GAIN) report. Pork consumption will increase as a result of increased availability. FAS forecasts exports to increase 8% in 2023 and 7% in 2024. The forecast considers high external demand, new market accessed throughout the year, improved economic conditions locally, record corn and soybean crops leading to improved availability and a reduction in feed prices, and increased swine production.

[The Pig Site](#)