

**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

19.06 – 25.06.2023



THREE MAIN TOPICS

- **Russian and Chinese Scientists Developed an Eco-Friendly Packaging Film Based on Birch**
- **Upside Foods Secures USDA Approval for its Cultivated Meat**
- **Russia Is at Record Levels of Buckwheat Production**



EDUCATION

EDUCATION / 19.06.2023

Timiryazev Academy and Sakhalin Started Cooperation

RGAU-MSHA named after K.A. Timiryazev and Sakhalin have signed a cooperation agreement. The document provides for the introduction of advanced methods and technologies in the agro-industrial complex of the region, the attraction of talented youth in the field of agriculture and agrobiotechnologies to Sakhalin, the development and implementation of educational programs to train and boost the skills of personnel in the agro-industrial complex of the region.

[Russian Ministry of Agriculture](#)

EDUCATION / 20.06.2023

Moscow State University and Uralchem Expand Cooperation

Fundamental Physical and Chemical Engineering Faculty of Moscow State University and one of the world's largest producers of mineral fertilizers Uralchem JSC have signed a new cooperation agreement at SPIEF-2023. The joint plans include cooperation in the scientific, educational and industrial fields: developing special training courses, disciplines and educational programs for training specialists in demand, as well as organizing practices and internships at Uralchem. [GlavAgronom](#)

EDUCATION / 21.06.2023

US and Morocco Conduct Joint Research on Wheat Diseases

The University of Nebraska at Lincoln (UNL) and Morocco are collaborating in the global effort to boost wheat disease research and strengthen prevention strategies against fungus-enabled wheat diseases as part of the Scientific Exchanges Program. The USDA-funded Program is intended to foster long-term academic collaborations between US scholars and scientists abroad.

[World Grain](#)

EDUCATION / 23.06.2023

American University Receives Funding for Swine, Cattle Research

Purdue University has received a four-year, 650 thousand dollars grant to study dietary nontherapeutic antibiotics on intestinal microbial populations and how the microbes impact cattle health. "This new project will allow me to dig more deeply into what makes current antibiotics so effective," said one of researchers. It's important because the use of nontherapeutic antibiotics in livestock nutrition contributes to antibiotic resistance. Livestock producers want to decrease this impact on human health but need effective replacements to continue efficient production". [Meat+poultry](#)

 SCIENCE



SCIENCE / 20.06.2023

Russian and Chinese Scientists Developed an Eco-Friendly Packaging Film Based on Birch

Scientists from the Federal Research Center "Krasnoyarsk Science Center of the Siberian Branch of the Russian Academy of Sciences" together with colleagues from the South China University of Technology (Guangzhou, China) have managed to obtain tear-resistant packaging film from xylan polysaccharide. It was isolated from the cell walls of birch wood. According to the center, the method of packaging film production is one of the most environmentally friendly today. In particular, it can be used for the packaging of food and medicines, as well as for the controlled release of pesticides and fertilizers. [TASS](#)

SCIENCE / 20.06.2023

Krasnodar Breeders Brought 11 Varieties of Peas

Scientists of the Crimean Experimental Breeding Station of the Krasnodar branch of the VIR named after N.I. Vavilov have bred 11 new varieties of peas. "Now we are developing new varieties of peas using genetic technologies that can double the speed of traditional breeding. For instance, ultra-early variety Izyuminka, that is the earliest variety in the climate of Kuban," the agency quotes a leading researcher at the VIR named after N.I. Vavilov Anatoly Besedin. [Interfax](#)

SCIENCE / 20.06.2023

Belgorod Scientists Developed a Reagent for Wastewater Treatment of Poultry and Meat Production

A complex action reagent for the purification of multicomponent wastewater from poultry and meat production was developed at the Department of Ecobiotechnology of Belgorod State Technological University named after V.G. Shukhov, the press service of the university reports. "The sediment formed as a result of water purification can be used in composts, fertilizers or as part of artificial soil mixtures for reclamation of quarries," the report says. [Interfax](#)

 INNOVATION

INNOVATION / 19.06.2023

Italian Researchers Presented Loaders for Harvesting Olives and Nuts

The Italian company Dieci has introduced two new loaders, adapted for harvesting olives and nuts. It comes with a specially inverted awning umbrella, where olives or other fruits fall. According to the developers, it takes only 10 seconds for new machines to pick olives from an olive tree. Testing of new systems takes place in Greece. [GlavPahar](#)



INNOVATION / 21.06.2023

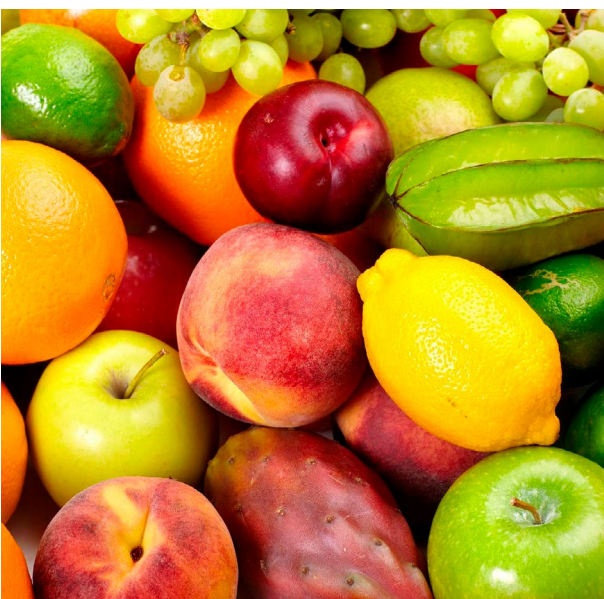
Indian Company Launches Chickpea Coffee

Bhookha Haathi Hospitality Limited of Bengaluru (India) has developed chickpea coffee under the Alt Health brand. The lineup includes five flavors: pure chickpeas, a mixture of chickpeas with chicory, dates, turmeric and cinnamon. An 8.8 ounce (about 250g) package costs between 14.99 and 17.39 dollars. In early May, the company introduced its product to the US market and now plans to make it another alternative to regular coffee. [Shopper's](#)

INNOVATION / 21.06.2023

Russian Fruit Sorting Systems Will Replace Foreign Analogues

Russian engineers have developed a sorting line for fruits and vegetables, which automatically selects fruits according to specified parameters, such as weight, size or color. This invention can replace foreign equipment, which have recently been used by our agricultural producers. According to experts, if the new system is really able to sort products with high accuracy without human assistance, new sorting lines will be in demand on the market. [Izvestia](#)



 **WORLD MARKET**

WORLD MARKET / 19.06.2023

Upside Foods Secures USDA Approval for its Cultivated Meat

California's Upside Foods said it received regulatory approval from the U.S. Department of Agriculture for the label on its cell-cultivated chicken, making it the second company in the United States to secure that approval. The approved label defines the product as cell-cultured chicken. Several companies are seeking approval from U.S. regulators for cultivated meat and fish products, hoping to appeal to consumers concerned about the environmental impact of raising livestock for food. [Genetic Literacy Project](#)



WORLD MARKET / 19.06.2023

Argentine Reached Quota for EU and UK

The Ministry of Agriculture celebrated that the quota of 29.5 thousand tonnes per year destined for the European Union and the United Kingdom was reached. The bad news is that less currency entered, as a result of a fall in prices. The average value of the high-quality boneless cuts that make up the fee ranged from 10 thousand to 13.5 thousand dollars, depending on the composition of the cuts. The main destinations were Germany and the Netherlands, followed by Italy and Spain. [Euromeat](#)

WORLD MARKET / 19.06.2023

UN Adopts World's First Treaty to Protect High Seas Biodiversity

The U.N. has adopted the world's first treaty to protect the high seas and preserve marine biodiversity in international waters, marking a milestone after nearly 20 years of effort, U.N. Secretary-General Antonio Guterres announced. The adoption followed an agreement reached in March by more than 100 countries on the text of the High Seas Treaty, also known as the Biodiversity Beyond National Jurisdiction treaty, after more than 15 years of discussions and five rounds of U.N.-led negotiations. [Reuters](#)

WORLD MARKET / 19.06.2023

Kenya Signs Trade Deal with European Union

Kenya has signed an Economic Partnership Agreement with the European Union that will guarantee duty-free access for its farm produce into its biggest export market. European goods entering Kenya will see tariffs reduced over a 25-year period under the agreement, officials said at a signing ceremony in the Kenyan capital Nairobi. The deal took seven months to negotiate, making it one of the fastest the EU has ever struck, officials from both sides said. [Reuters](#)



ANALYTICS

ANALYTICS / 20.06.2023

USDA: Zimbabwe to Produce More Corn in 2023/24

Zimbabwe is expected to produce 5% more corn in 2023/24 but will still need to import half a million tonnes to meet demand, according to a report from the Foreign Agricultural Service of the US Department of Agriculture. Production is estimated at 1.5 million tonnes, mainly due to normal rainfall in the northern regions of the country. This year's corn production mirrors the average corn production of Zimbabwe in the past five years, the FAS said. [World Grain](#)



ANALYTICS / 21.06.2023

Trade Group: India's Wheat Harvest Less than Official Estimate

India's wheat harvest is 10% lower than the government's estimate, according to a leading trade body, Reuters reported. The Roller Flour Millers' Federation said availability of wheat is very poor in the market, suggesting production of 101 million to 103 million tonnes. The government has said wheat harvest reached a record 112.74 million tonnes in 2023, up from 107.7 million tonnes a year ago. India consumes about 108 million tonnes of wheat per year. [World Grain](#)



ANALYTICS / 22.06.2023

Russia Is at Record Levels of Buckwheat Production

The high volume of buckwheat harvested in Russia last year allows its processors to produce record volumes of buckwheat this season. According to IKAR, for eight months of the season (from September 2022 to April 2023), the production of buckwheat amounted to 382 thousand tonnes against 360 thousand tonnes for the same period last season. In January-April, groats enterprises produced 180.1 thousand tonnes of buckwheat, which is 0.8% more than a year earlier (187.7 thousand tonnes). [Interfax](#)

ANALYTICS / 23.06.2023

US Beekeepers Report Record Loss of Honey Bee Colonies

Nearly 50% of bee colonies in the US died in 2022, making it the second largest bee extinction in the country on record. This was reported by The Guardian. The data was provided by the non-profit organization Bee Informed Partnership. "This is a very alarming number, especially at a time when we barely have enough bee colonies to meet the pollination needs of the United States," said Jeff Pettis, president of the global beekeeping association Apimondia. [The Guardian](#)