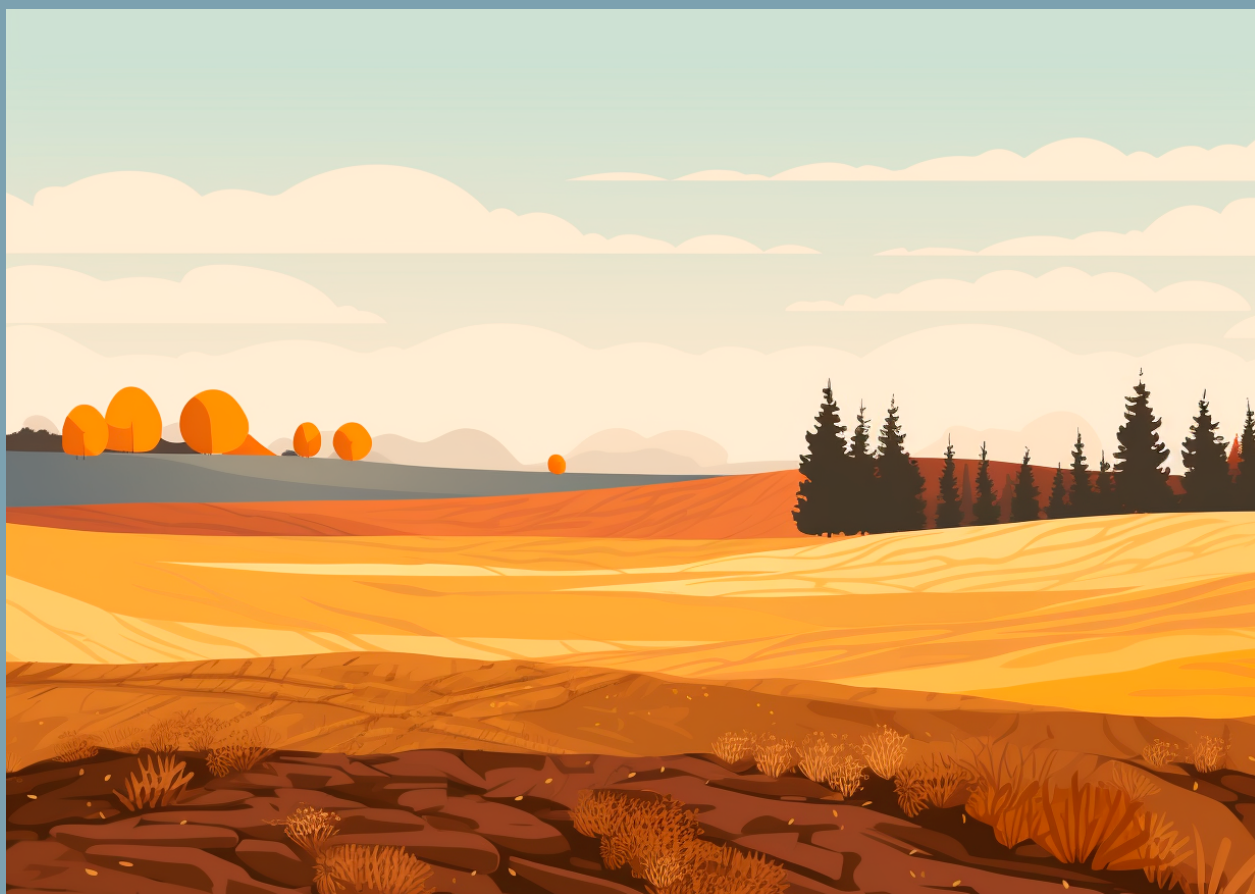


**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

06.11 – 12.11.2023



THREE MAIN TOPICS

- **Russian Ministry of Agriculture Assessed Labor Shortage in the Industry**
- **Algerian Ministry of Agriculture Approved Large-Scale Imports of Chicken Meat**
- **Global Wine Production to Fall to 60-Year Low**



EDUCATION

EDUCATION / 06.11.2023

India And Australia Increase Cooperation in Agriculture

November 6 Indian Education Minister Dharmendra Pradhan met with his Australian counterpart Jason Clare. The parties agreed to expand cooperation in the highest priority areas, including agriculture. In particular, the ministers signed an agreement to conduct joint research, as well as to expand academic exchange programs and joint master's and postgraduate programs. [D.H.](#)



EDUCATION / 08.11.2023

Russian Ministry of Agriculture Assessed Labor Shortage in the Industry

There are a shortage of 200 thousand people in Russian agriculture, said First Deputy Minister of Agriculture Oksana Lut. "For us, the situation with personnel is the most critical among other industries, because in our industry wages are still lower. <...> According to the latest statistics, we already have a shortage of 200 thousand people in the industry," she said at the plenary session of the Novosibirsk Agri-Food Forum. She called personnel a key issue to be resolved in the next six years. [RBC](#)



SCIENCE

SCIENCE / 07.11.2023

Scientists Use Digital Radiography to Select Laying Hens

Roslyn Institute scientists have developed a digital X-ray procedure that takes just 45 seconds and provides a reliable way to screen laying hens. The portal [thepoultrysite.com](#) reports this with a link to a publication in British magazine Poultry Science. According to the researchers, the digital radiography method they developed can quickly analyze bone density in living chickens. It may be useful to poultry farmers by helping them better select for laying hens that are at risk of fractures due to physiological changes associated with egg laying. [ViZh](#)

SCIENCE / 10.11.2023

Chinese Scientists Released a New Potential ASF Vaccine

A team of Chinese researchers has released a new veterinary treatment that has potential to combat African swine fever (ASF). This was reported on the official website of the Chinese Academy of Sciences. Scientists from the Guangzhou Institute of Biomedical Problems and Health of the Chinese Academy of Sciences and from the Guangzhou Laboratory participated in the development. Today, the country is actively working to find an effective vaccine against the disease. [Rosng.ru](#)



SCIENCE / 07.11.2023

New Agricultural Crop Is Being Introduced in Russia

Specialists from the Institute of Cytology and Genetics SB RAS are introducing a new exotic crop into Russian agriculture — miscanthus, the press service of the organization reported. According to researchers, a network of enterprises is now being formed in Russia for the production and processing of this perennial herbaceous plant into cellulose. A pilot plant has been launched and is operating in the Moscow region, a site has been identified in the Novosibirsk region, and an agreement has been reached to create a plant in the Kaliningrad region. [RIA](#)

SCIENCE / 07.11.2023

Chinese Astronauts Successfully Grew Lettuce and Tomatoes in Space

A group of Chinese astronauts were able to grow cherry tomatoes and lettuce aboard the Tiangong space station . To do this, they needed two sets of specialized equipment, reports Space.com. In June, using the first apparatus, the astronauts collected the first four batches of lettuce, and in August they launched the second one to grow cherry tomatoes and green onions. According to scientists, growing crops in space will help provide astronauts with food on long space travel. Chinese researchers also noted that such an agricultural system could be used in future manned missions to the Moon and Mars. [TechInside](#)



INNOVATION

INNOVATION / 07.11.2023

Iranian Scientists Have Found a Way to Produce Feed from Straw

A method for processing lignocellulosic waste into nitrogen-rich animal feed was developed by a group of Iranian scientists, reported the online publication All About Feed . The scientists explained that the biomass was enriched with nitrogen and oxidized to improve digestibility. A series of tests have shown that recycled straw, when added to livestock feed, reduces methane emissions by 67%. Processing is fast and requires temperature and pressure. The method is virtually waste-free and does not produce toxic emissions.

[IA Krasnaya Vesna](#)



INNOVATION / 07.11.2023

Panama Is Using Biotechnology to Improve Coffee Quality

Robusta coffee farms located in the Capira region (province of Western Panama) have begun to introduce biotechnology to improve profitability and product quality, the Panama Institute of Agricultural Innovation reported. New technologies in the cultivation, processing, harvesting and processing of Robusta coffee in Western Panama have led to the emergence of 32 brands. Andres Ibarra , an engineer and researcher at Idiap, spoke of plans to increase yields from 5 or 10 quintals per hectare to at least 70 quintals per hectare in the short term. [IA Krasnaya Vesna](#)

INNOVATION / 08.11.2023

Uzbekistan Plans to Produce its Own Agricultural Drones

Fly&SeeAgro LLC signed a memorandum with the directorate of the Navoi free economic zone on the implementation of the investment program “Creating our own production of unmanned aerial systems in the Republic of Uzbekistan.” The project involves the development and production of unmanned systems for agriculture with the participation of Russian specialists. It is also planned to export these systems to foreign markets. The project includes the training of qualified personnel in Uzbekistan, the creation of an enterprise in the Navoi FEZ and a management system for production enterprises within the framework of the program. [Chief Plowman](#)



 **WORLD MARKET**

WORLD MARKET / 06.11.2023

South Africa Liberalizes Imports of Poultry Meat and Egg Products

Due to the growing crisis in the South African poultry industry due to the large-scale epidemic of highly pathogenic avian influenza, the South African Government has issued 2,406 import permits in the poultry segment, 115 permits for the purchase of hatching eggs, 48 permits for egg powder and 24 permits for food eggs. The country's leadership expects that the implementation of these measures will increase the sustainability of the domestic supply of poultry products in the process of coordinating the start of a campaign to vaccinate the national poultry population against this disease. [The Newspaper](#)

WORLD MARKET / 06.11.2023

Avian Flu Is Spreading Again in the US

The number of birds killed or culled as a result of avian influenza in the United States in 2022/23 exceeded 61 million birds. In particular, new outbreaks have been registered in Alabama, South Dakota, Iowa and Arkansas. The latest case was in Minnesota, where 940 thousand laying hens became victims of highly pathogenic avian influenza. [Feedstuffs](#)

WORLD MARKET / 09.11.2023

Algerian Ministry of Agriculture Approved Large-Scale Imports of Chicken Meat

On November 9 of this year, the Algerian Ministry of Agriculture and Rural Development announced the launch of a campaign to issue licenses for the import of chicken meat to state-owned companies and private operators, which is due to the need to organize large-scale imports of white meat to create a national reserve against the backdrop of a record increase in retail prices in the segment. The implementation of this policy will continue until domestic prices for chicken meat stabilize at a level that is optimal to ensure the economic accessibility of this type of product for the country's population. [Algerie Presse Service](#)

WORLD MARKET / 09.11.2023

US to Open Market for Beef Imports from Paraguay

After a 25-year ban, the United States will reopen its market to cattle meat from Paraguay in December 2023. As the US Embassy in Asuncion clarified, shipments will be possible from December 14. Paraguayan President Santiago Peña called this decision a “historic milestone”, which was preceded by lengthy checks. Thus, Paraguay will be one of 18 countries that have the right to export beef to the United States. [Reuters](#)





ANALYTICS

ANALYTICS / 06.11.2023

In 2022/23, Australia Updated its Wheat Export Record

Between October 2022 and September 2023, Australia shipped 31.67 million tonnes of soft and durum wheat to overseas markets. Thus, the total export volume exceeded the record set in 2021/22 (27.6 million tonnes). Australia shipped 29.3 million tonnes of bulk wheat and 2.3 million tonnes of containerized wheat during 2022/23, according to the Australian Bureau of Statistics (ABS) . The largest sales markets were China (7.6 million tonnes), Indonesia (5.2 million tonnes) and the Philippines (3.1 million tonnes). [Grain Central](#)

ANALYTICS / 06.11.2023

US Wheat Export Rate At 20-Year Low

The pace of shipments of American wheat to foreign markets is at a 20-year low. According to the US Department of Agriculture, during the week ending November 2, only 71.6 thousand tonnes of wheat were inspected for export, which is the lowest weekly figure since 2003. The decline in shipments is due to the shallowing of the Mississippi River, which accounts for nearly two-thirds of U.S. grain exports, as well as increased competition with other leading wheat-supplying countries. [Bloomberg](#)



ANALYTICS / 06.11.2023

Oil Word: the Development of The Indonesian Biofuel Industry Will Become a Driver of Global Growth in Prices for Vegetable Oils

The German consulting agency Oil Word expects that due to the destructive influence of El Niño and the implementation by the Indonesian leadership of a course to expand the processing of palm oil into biodiesel this year, the growth rate of global supplies of vegetable oils will slow down to a 4-year minimum of 200-300 thousand tonnes. Growth in global demand in the segment is expected to push up procurement prices for palm oil imports over the next 4-6 months from US\$817 to 970 dollars per tonne of product. [Agency Ecofin](#)

ANALYTICS / 07.11.2023

Global Wine Production to Fall to 60-Year Low

In 2023, world wine production may decline to its lowest level in recent years. 60 years due to grape harvest failure in the Southern Hemisphere and several European countries, the International Organization of Vine and Wine (OIV) reported. According to her forecast, the total volume of wine production this year will range from 241.7 million hectoliters to 246.6 million hectoliters, with an average estimate of 244.1 million hectoliters. This is 7% less than last year and is the lowest result since 1961. In particular, in Italy, a reduction in wine production is expected by 12% (to 44 million hectoliters), as a result of which the country will yield to France its leadership among the largest producers of the drink. [Nasdaq](#)

