

**INSTITUTE OF WORLD
AGRICULTURAL MARKETS**

MEDIA DIGEST

16.10 – 22.10.2023



THREE MAIN TOPICS

- **Russia Is Going to Launch a Research Institute of Pet Food**
- **China Pork Output Rises to Decade High**
- **IGC Raises Forecast for 2023/24 World Wheat Crop**



EDUCATION

EDUCATION / 18.10.2023

Russia Is Going to Launch a Research Institute of Pet Food

A research institute that will deal with pet food is proposed to be created in Russia. This issue will be discussed on November 9 at a round table at the Russian Chamber of Commerce and Industry. “Meanwhile, the experience of foreign countries shows how important it is for the industry to have an independent pet food institute capable of assessing the properties and qualities of new foods and the effect on the animal’s body. There is no such institute in Russia yet, and work on the evaluation and development of feed is carried out on the basis of the producers themselves,” explained the Union of Pet Business Enterprises. [ViZh](#)



EDUCATION / 18.10.2023

The Russian Ministry of Science and Higher Education Approved the Requirements for Veterinary Internship Programs

The Ministry of Science and Higher Education of Russia has approved the requirements for the conditions for the implementation of experimental educational programs of higher education — internship programs. The corresponding order was posted on the official Internet portal of legal information. The educational experiment on veterinary internship will be held on the basis of two universities: the Moscow State Academy of Veterinary Medicine and Biotechnology — MBA named after K. I. Scriabin and the Don State Technical University (DSTU). [ViZh](#)



EDUCATION / 20.10.2023

The Ambassador of Belarus Visited Stavropol State Agrarian University

The Ambassador Extraordinary and Plenipotentiary of the Republic of Belarus to Russia Dmitry Krutoy visited the training center of the Minsk Tractor Plant SSAU. The Belarusian delegations took a tour of the training areas and laboratories, showed unique equipment, including a virtual simulator “MTZ-1221 tractor cabin”, a working cross-sectional model of the MTZ-1221 tractor with an electric drive, a metallographic microscope, a portable profiler MARSURF PSI and an internal combustion engine model D-260 and D-243, used in MTZ tractors.

[SSAU](#)



SCIENCE / 16.10.2023

St Petersburg University Scientists Created the Northernmost Vegetable Garden in the YamaliaEgg Production

Researchers from St. Petersburg State University (SPbSU) helped representatives of the Ilebts community of indigenous peoples to cultivate potatoes and radishes in open ground near the village of Seyakha in the Yamalo-Nenets Autonomous Okrug. According to the press service, agriculture in this region is poorly developed. Therefore, scientists plan not only to increase the area of vegetable gardens, but also to expand the list of crops grown. [TASS](#)



SCIENCE / 16.10.2023

Scientists Developed Feed Additives Based on Essential Oil Crops and Algae

Scientists from the Crimean Research Institute of Agriculture have developed liquid feed additives for animals based on essential oil crops and algae from the Black Sea. This was reported in the press service of the department. “The importance of liquid feed additives used in livestock and poultry farming is not in doubt. Foreign drugs have become unavailable to farmers, and scientists have set themselves the goal of getting their own — safe and environmentally friendly,” the research institute noted. [FEEDLOT](#)



SCIENCE / 20.10.2023

Scientists Discovered Immunity to Bird Flu in Some Seabirds

British scientists from the Animal and Plant Health Agency (APHA) have discovered that a number of seabirds have acquired specific immunity to H5N1 avian influenza, reports the online publication Farming UK. Future research will focus on the evolution of the virus and how the ability to predict the emergence of new strains can be improved. These initiatives will be applied as part of a large research consortium.

[Farming UK](#)

SCIENCE / 20.10.2023

American Breeder Created the Hottest Pepper in the World

American Ed Curry has bred a new variety of chili pepper, Pepper X, recognized as the hottest in the world. The heat of peppers is measured in heat units on the Scoville scale. According to tests, the heat of Pepper X is 2.69 million Scoville Heat Units (SHU). For comparison: the well-known jalapeno pepper has on average from 3 to 8 thousand SHU units. [CBC](#)



INNOVATION / 16.10.2023

Scientists Are Elaborating Portable Sensors to Detect ASF

American researchers from Arizona State University are working on portable highly sensitive electronic sensors to quickly detect African swine fever (ASF). In its turn Virginia Tech is elaborating a nanosensor to quickly detect the virus using a color signal. The National Institute of Food and Agriculture (NIFA) of the US Department of Agriculture (USDA) has published information on key research projects currently underway in the United States to combat ASF. [Feed Strategy](#)

INNOVATION / 16.10.2023

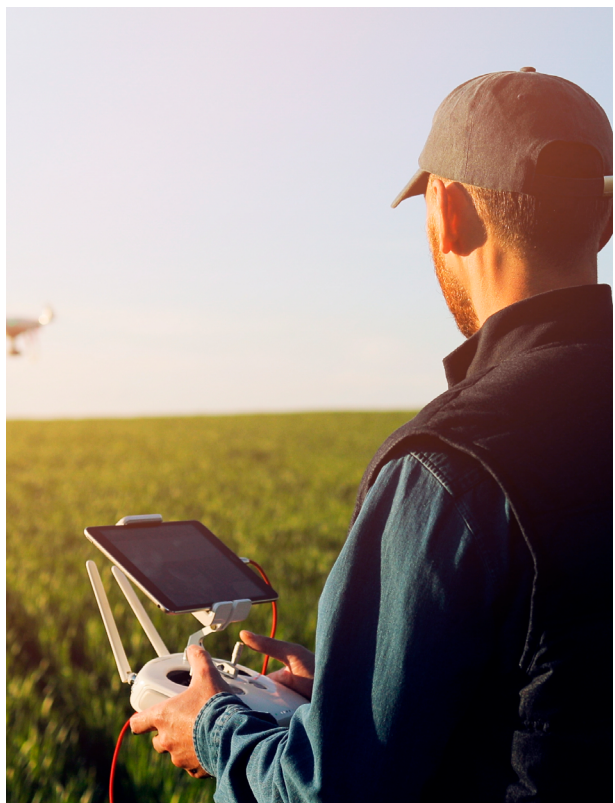
Scientists Developed a Robotic System to Speed up Plant Research

The platform for plant digital phenotyping was presented by the world-class scientific center "Agricultural Technologies of the Future" at the 25th All-Russian Agricultural Exhibition "Golden Autumn 2023". The project is useful for breeding work and fundamental photobiological research. It includes breeding material screening protocols and software. [GlavAgronom](#)

INNOVATION / 20.10.2023

STEPPE Is Testing a New Method for Diagnosing Soil Conditions

Agroholding "STEPPE" has successfully tested a new modern method for determining the condition of the soil, including the amount of moisture. The development allows researchers to quickly assess soil parameters at various technological stages of growing crops and obtain data on the condition of the soil in real time with high accuracy. The methods that are currently used in the world are very limited. [GlavAgronom](#)





WORLD MARKET

WORLD MARKET / 16.10.2023

PhosAgro Will Export Water-Soluble Ammophos to Kazakhstan and Uzbekistan

PhosAgro, one of the world's leading and largest Russian producers of phosphate-containing fertilizers, has begun supplies of water-soluble monoammonium phosphate (MAP) APALIQUA NP 12:61 to Kazakhstan and Uzbekistan. The supply, sale and support of PhosAgro products in local markets are provided by PhosAgro-Region, PhosAgro's own distribution network operating in Russia and neighboring countries. [PhosAgro](#)



WORLD MARKET / 17.10.2023

Denmark Introduces World's First National Action Plan to Promote Plant-Based Foods

Denmark has published an action plan detailing its goal to transition towards a plant-based food system, in what is a first by a national government. It's part of the 2021-announced climate agricultural plan to cut food emissions and will involve plans to promote plant-based foods in school meals, via chef training, and by increased exports. [Green Queen](#)

WORLD MARKET / 17.10.2023

China Pork Output Rises to Decade High

China's pork output in the third quarter rose 4.8% from a year ago to 12.69 million tonnes, the highest for the quarter in at least a decade, Reuters calculations based on official data showed. Third-quarter pork production in China, which consumes half of the world's pork, is typically more than 12 million tonnes, with the hot summer months usually curtailing meat consumption relative to other parts of the year. [Nasdaq](#)



WORLD MARKET / 22.10.2023

Avian Influenza Caused Significant Damage to the South African Poultry Industry

The South African Poultry Association (Sapa) has updated the Portfolio Committee on Agriculture, Land Reform, and Rural Development, estimating that the latest Highly Pathogenic Avian Influenza (HPAI) outbreaks have significantly impacted 30% of the South African poultry industry. This latest outbreak has led to the culling of approximately 7.5 million birds. Sapa anticipated that the poultry industry would be reduced to approximately 17.3 million layer hens by early 2024, a significant drop from 27.6 million layer hens in 2019 and 27.4 million in 2022. [Food Safety Africa](#)



ANALYTICS

ANALYTICS / 18.10.2023

The Number of Russian Winemakers May Double

The number of Russian winemakers may double by 2030 — up to 500 enterprises, including small farms, says Dmitry Fedosov, head of the laboratory of genetic technologies for viticulture and winemaking at National Research Center Kurchatov Institute. [TASS](#)

ANALYTICS / 19.10.2023

IGC Raises Forecast for 2023/24 World Wheat Crop

The International Grains Council (IGC) on Thursday raised its forecast for global wheat production in the 2023/24 season with upward revisions for Ukraine, Russia and the United States outweighing a deteriorating outlook for the crop in Australia. The inter-governmental body’s monthly update put the global wheat crop at 785 million metric tons, up from a previous forecast of 783 million but still well below the prior season’s record of 803 million. [Reuters](#)



ANALYTICS / 20.10.2023

Analysts Named the World's Most Popular Meat

Researchers from theWORLDMAPS, based on data from the Food and Agriculture Organization of the United Nations (FAO), analyzed the per capita consumption of meat and fish in every country in the world and presented a map of meat preferences of the planet's inhabitants. The most popular product turned out to be chicken meat. The second place after chicken was occupied by fish and seafood. Pork closes the top three. [ViZh](#)



ANALYTICS / 20.10.2023

IGC: Global Flour Trade Revised Upward

The IGC has revised upward its forecast for global flour trade in the 2023/24 marketing year, mainly due to higher estimates for exports from Russia and Turkey. According to the updated data, trade volume will be 14.5 million tonnes, which is 400 thousand tons more than the previous forecast and slightly higher than the 2022/23 total. It is expected that purchases of flour from sub-Saharan African countries will increase by 200 thousand tonnes, to 2 million tonnes. In particular, supplies to Somalia and Sudan are expected to increase.

[The World Grain](#)