

Preface

Russian State Agrarian University - Moscow Agricultural Academy named after K.A. Timiryazev is one of the leading agricultural universities in the Russian Federation.

Together with the Ministry of Agriculture of the Russian Federation, the Ministry of Science and Higher Education of the Russian Federation, the Institute of Genetics and Cytology of the National Academy of Sciences of Belarus, the Tajik Agrarian University named after Shirinsho Shotemur, the National University of Uzbekistan named after Mirzo Ulugbek, as well as the Kyrgyz National Agrarian University named after K.I. Scriabin April 25-26, 2023, the International Scientific and Practical Conference "Agrarian Science - 2023" (AgriScience2023) was held. The international scientific and practical conference was held as part of the program for the creation and development of the world-class Scientific Center "Agrotechnologies of the Future" with the support of the Ministry of Science and Higher Education of the Russian Federation (agreement 075-15-2022-317 of 04/20/2022).

The main directions of the International Scientific and Practical Conference were:

- General farming and crop production;
- Horticulture, vegetable growing, viticulture and medicinal crops;
- Technologies, machines and equipment for the agro-industrial complex;
- Agrochemistry, agrosoil science, plant protection and quarantine, agrotechnologies;
- Breeding, seed production and biotechnology of plants;
- Genetic resources, genetics, genomics, bioengineering;
- Processes and devices of food production;
- Storage, processing and quality management of agricultural products;
- Veterinary obstetrics and biotechnology of animal reproduction;
- Breeding, selection and genetics of farm animals;
- Feed production, feeding of farm animals and feed technology;
- Private animal husbandry, livestock production technology;
- Natural resources and ecology;
- Economics and management, digital platforms in the agro-industrial complex.

More than 100 leading scientists from Russia, Belarus, Kazakhstan, Kyrgyzstan, Uzbekistan, Armenia, Afghanistan, Tajikistan, Azerbaijan, and the People's Republic of China took part in the work of the International Scientific and Practical Conference.

The organizing committee of the international conference received 98 manuscripts, 68 of which received positive feedback.

Within the framework of the international conference, issues of sustainable development of agriculture were discussed, the main problems hindering innovative directions in the agricultural sector of the economy, a number of modern approaches, including foreign ones, were identified.

Achievements of scientific teams and practical experience of leading experts, presented at the international conference, will contribute to the further development of the agro-industrial complex. The results of the international conference will be useful to all its participants, and the proposed recommendations will find their application in the further scientific and practical activities of each of them.

The organizing committee of the international conference **AgriScience2023** expresses its sincere gratitude to all participants, experts, moderators, as well as conference editors for the work done and the interest shown in the conference. We are confident that thanks to such a fruitful joint work of scientists from different countries, the international scientific and practical conference was held at a high level and received a positive assessment both in Russia and abroad.

We look forward to further fruitful cooperation!

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