

REPUBLIC OF UZBEKISTAN  
MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATIONS  
MINISTRY OF AGRICULTURE OF THE REPUBLIC OF UZBEKISTAN



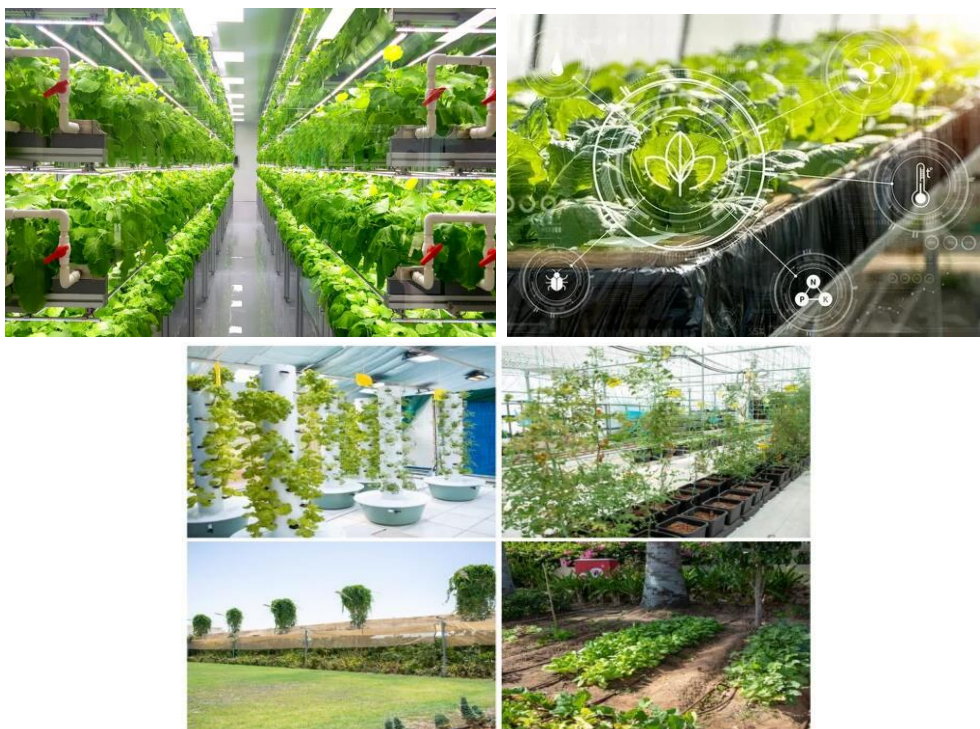
TERMIZ STATE UNIVERSITY OF ENGINEERING AND  
AGROTECHNOLOGIES

On the topic

"PROSPECTS OF DEVELOPMENT OF AGRICULTURE IN THE SOUTH OF  
UZBEKISTAN BASED ON INNOVATIVE TECHNOLOGIES"

INFORMATION LETTER

OF THE INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE  
TO BE HELD ON OCTOBER 24-25, 2024



Termez 2024



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## MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION OF THE REPUBLIC OF UZBEKISTAN TERMIZ STATE UNIVERSITY OF ENGINEERING AND AGROTECHNOLOGIES' INFORMATION LETTER OF INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE

Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan, Russian State Agrarian University named after K.A. Temiryazev (Russia), Belarusian Academy of Agriculture (Belarus), Grodno State University named after Y. Kupala (Belarus) at Termiz State University of Engineering and Agrotechnologies), Kazakh National Agrarian Research University (Kazakhstan), Azerbaijan State Agrarian University (Azerbaijan), Latvian University of Agriculture and Technology (Latvia), Shirinshokh Shotemur Tajikistan Agrarian University (Tajikistan), Novosibirsk State Agrarian University (Russia), and in cooperation with Vytautas Magnus University (Lithuania) of the President of the Republic of Uzbekistan "On measures to effectively organize public administration in the field of higher education, science and innovation within the framework of administrative reforms" dated July 4, 2023 In order to ensure the execution of the task specified in paragraph 9 of the decision PQ-200, according to the order of the Minister of Higher Education, Science and Innovation No. 76 dated March 20, 2024 "Prospects for the development of agriculture in the south of Uzbekistan based on innovative technologies "(Prospects for the development of agriculture in the south of Uzbekistan based on innovative technologies)" will be organized the 1st international scientific-practical conference.

It will be held on October 24-25, 2024 at Termiz State University of Engineering and Agro-Technology.

The need to hold a conference is related to the scientific direction of the agricultural sector, development, development and application of innovative technologies, as well as mutual opinion on the work being done in the agricultural sector in our republic. exchange and improving the quality and efficiency of scientific research work of young scientists, master's students, doctoral students and specialists, the experiences of foreign and republican young researchers will be studied, discussed and recommendations will be made on the use of advanced technologies and innovative technologies, digitized development of agrotechnologies is envisaged, and it is based on preparation of conclusions and proposals on implementation problems and their solutions in production enterprises and organizations of our Republic and involvement of international partners.

The scientific-practical conference will be held in the following sections:

## **Section 1: Introduction of new resource-efficient technologies in the innovative development of agriculture in the context of global climate change.**

Effectiveness of using resource-efficient technologies in growing early and high yields from cotton and previous crops;

- Effective use of organomineral fertilizers to restore and increase soil fertility;
- Use of resource-saving technologies in crop irrigation and effectiveness of mineral fertilizers.

## **Section 2: Scientific basis of selection and breeding of agricultural crops.**

- Introduction of plant species and varieties resistant to global climate change;
- Creation of selection varieties resistant to adverse weather conditions and harmful insects.

## **Section 3: Selection of fruit and vegetable crops, seed production and modern technologies of their cultivation.**

- Effective use of intensive methods in fruit growing;
- Current situation and future prospects of fruit selection;
- Modern technologies of growing vegetable crops;
- Methods of improving vegetable selection and seed production;
- The role of varieties and hybrids in modern vegetable growing.

## **Section 4: Selection of varieties of forest trees and medicinal plants resistant to extreme conditions of the external environment, application of innovative resource-saving technologies in the cultivation of ornamental plants.**

- Selection of introduced varieties of spices, medicinal and food plants and their effective use;
- Innovative technologies of growing medicinal plants;
- Basics of composition in greening residential areas;
- Methods of forest seed production and selection.

## **Section 5: Resource-efficient innovative approaches to maintaining and increasing soil fertility and protecting plants from harmful organisms.**

- Achievements and problems of fertilization system in intensive agriculture;
- The role and importance of using resource-efficient modern technologies in soil conservation and improvement;
- Innovative approaches to protecting plants from harmful organisms in the face of global climate change;
- The importance of using modern methods in the coordinated protection of plants from harmful organisms.

## **Section 6: Increasing the productivity of livestock, innovative technologies in the production of livestock products.**

- Achievements in the field of animal husbandry in the production of livestock products;
- Results obtained in the production of products based on innovative technologies used in the field of veterinary medicine and animal husbandry;
- Ways to create new breeds and hybrids and protect them from diseases while strengthening the feed base of livestock and sericulture.

## **Section 7: Problems and prospects of creating new resource-saving equipment and technologies, as well as electrification and automation, introduction of smart technologies in agriculture.**

- Issues of mechanization, electrification and automation in agriculture;
- Issues of environment, labor protection and equipment safety in agriculture;
- Issues of chemical technology used in agriculture;
- Issues of construction and design, land reclamation and irrigation in agriculture.

Working languages of the conference: Uzbek, Russian and English.

The full text of the article is on 3-5 pages, in electronic form (MS Word 97-2003, Times New Roman), page size: 210x297 mm (A4 - format), sizes of pictures (diagrams, graphs) It should not exceed 6x9 cm. Text border size: 2.0 cm from the top and bottom, 3.0 cm from the left, 1.5 cm from the right. The text is written in font size 14 cm, spacing is 1.5 cm.

The title of the article is written in capital letters, after 1.5 intervals the name of the author, the initials of the father's name and the full surname are written, after 1 interval the name of the organization (place of work or study) and state (city), the name of the main author e-mail is displayed, then 1.5 spaces are left, the content of the text is written in lines with 1.5 spaces, at the end of the material, a list of references is given based on generally accepted rules.

The materials must include a resume and keywords in Uzbek (articles in Uzbek should be in the Latin alphabet), Russian and English;

The authors are responsible for the content and accuracy of the materials included in the collection.

Materials that do not meet the requirements will not be accepted and will not be returned to the authors. Articles will be reviewed, unreviewed articles will not be included in the conference program and will not be returned to the authors.

**The deadline for receiving materials is October 20, 2024 (materials will not be accepted after this date).**

***Conference materials (abstracts) will be published in the form of a scientific collection.***

**Participation in the scientific-practical conference is free.**

After successfully passing the anti-plagiarism program and review, the reports (articles) submitted to the conference and selected as relevant can be published in the scientific journal "Agroinnovation" SJIF (OAK-23)-3.811, ResearchBib Impact Factor: 9.712 / 2024.

You can find out the requirements of the magazine through the link <https://agroinnovatsiya.uz/index.php/ag/about/submissions>. A fee of 150,000 soums is charged for one article. You can send the payment via Payme or Click to the card 8600 0423 1834 0329 (in the name of Uzcard Boboyorov Sardor Uchkun ugli).

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You can contact Samar Normakhmatov, coordinator and admin of the conference, on the phone number +998 99 584 94 17 for questions and suggestions regarding participation in the conference and its holding.

A link will be sent to the personal e-mail or telegram of the participants online through the ZOOM program 1 day before the start of the conference.

Responsible for holding the conference: Termiz State University of Engineering and Agrotechnology (TSUEA).

Address of the organizing committee: 288A Islam Karimov street, Termiz city.

Termiz State University of Engineering and Agrotechnology (TSUEA).