



**Kherson State Agrarian  
and Economic University**

**ISMA**  
ANNO 1994

**ISMA University  
of Applied Sciences**

**MODERN AGRONOMY TRENDS:  
INNOVATION, SUSTAINABLE DEVELOPMENT  
AND THE FUTURE OF AGRICULTURE**

**Scientific monograph**

 **IZDEVNIECĪBA  
BALTIJA  
PUBLISHING**  
**2025**

*Recommended for printing and distribution via Internet  
by the Academic Council of Baltic Research Institute  
of Transformation Economic Area Problems according  
to the Minutes № 6 dated 24.06.2025;  
by the Academic Council of Kherson State Agrarian and Economic  
University according to the Minutes № 10 dated 26.06.2025*

## **REVIEWERS:**

**Djakons Romans** – Dr.sc.ing., Professor, Academician, Chairman of the Board of ISMA University of Applied Sciences;

**Lavrenko Sergiy Olehovych** – PhD in Agriculture, Associate Professor, Vice-Rector for Science and International Cooperation, Kherson State Agrarian and Economic University;

**Mrynskyi Ivan Mykolaiovych** – PhD in Agriculture, Associate Professor, Dean of the Faculty of Agronomy Kherson State Agrarian and Economic University;

**Averchev Oleksandr Volodymyrovych** – Doctor of Agriculture, Professor, Head of the Department of Arable Farming, Kherson State Agrarian and Economic University;

**Markovska Olena Yevheniivna** – Doctor of Agriculture, Professor, Head of the Department of Botany and Plant Protection, Kherson State Agrarian and Economic University;

**Revto Olesia Yaroslavivna** – PhD in Agriculture, Associate Professor, Senior Lecturer at the Department of Crop Production and Agricultural Engineering, Kherson State Agrarian and Economic University.

**Modern agronomy trends: innovation, sustainable development and the future of agriculture:** Scientific monograph. Riga, Latvia : “Baltija Publishing”, 2025. 576 p.