

Eligible participants in the Symposium are: *students, master's students, doctoral students, researchers, teaching staff from university education institutions in the country and abroad.*

The International Scientific Symposium "***MODERN TRENDS IN AGRICULTURAL HIGHER EDUCATION***" from October 5-6, 2023 proposes the following sections:

Section	The subsection
I. AGRONOMY	<p><i>1.1. Agronomy</i> - includes research directions - biology, ecology, physiology of annual plants, seed production, agricultural crop cultivation technologies, peculiarities of medicinal plant cultivation, creation and study of annual and perennial plant varieties, etc.</p>
	<p><i>1.2. Genetics, breeding and plant biotechnologies</i> - includes research directions - biology, ecology, physiology of annual and perennial plants, production of seed material, determination of seed quality, creation and study of species, hybrids of plant varieties, etc.</p>
	<p><i>1.3. Agroecology</i> - includes the research directions - the ecopedological assessment of the soil, the establishment of the optimal models for the regulation and reproduction of the fertility of chernozems, the organization of the territory and the construction of sustainable agro-landscapes, the complex research on the factors of ecological stability and instability of the rural area, the influence of the sources of pollution from the rural area on the quality drinking water, assessing the influence of the level of anthropogenic impact on the agrolandscape and the quality of environmental factors, determining soil improvement measures; the complex ecological assessment of the rural space in the agricultural areas of the Republic of Moldova, etc.</p>

**II. HORTICULTURE,
FORESTRY AND PLANT
PROTECTION**

2.1 Horticulture – includes research directions - biology, ecology, physiology of fruit and vegetable plants, production of fruit planting material, production of vegetable seeds, technology of establishment and exploitation of fruit and vegetable plantations, peculiarities of fruit and vegetable cultivation in protected land, creation and study of varieties fruit and vegetable plants etc.

2.2 Plant protection - includes the research directions - biology, ecology, the area of spread of pathogens, weeds, harmful and useful insects for agricultural, decorative and spontaneous flora crops, how to attack and combat them, etc.

2.3 Viticulture and winemaking - includes the research directions - biology, ecology, physiology of the vine, production of viticulturally planting material, technology of establishment and exploitation of viticulture plantations, peculiarities of viticulture in protected land, creation and study of grapevine varieties, etc.

2.4 Forestry and public gardens - includes research directions - biology, ecology, physiology of forest floor plants and decorative crops, production of forest and decorative planting material, technology of establishment and exploitation of forest floor plantations and landscapes, creation and study of species, hybrids of forest floor plant varieties and decorative crops etc.

**III. ZOOTECHNICS AND AGRICULTURAL
FOOD SECURITY**

Applied technologies in animal husbandry and beekeeping, conservation and use of genetic resources, fodder base, nutrition and food, utilization of animal productions and food safety.

IV. VETERINARY MEDICINE

Normal and pathological morphophysiology; microbiology, immunology and immunopathology;

	pharmacology, toxicology and toxicosis; special pathology; animal food safety and public health.
V. AGRICULTURAL ENGINEERING	It includes the following research directions such as: production planning; mechanization and automation of agricultural production processes; transportation and storage of production; renewable energies in agriculture; conception, development and design of technologies and means of operation and maintenance; sale of used machines and equipment; experimenting and testing agricultural techniques.
VI. FOOD ENGINEERING	The structure, composition, quality and biological value of food; food security and food safety; advances in food engineering; oenology and biotechnologies in the food industry; processes and apparatus in the food industry; food and nutrition; gastronomy and tourism.
VII. THE ECONOMY OF THE AGRI-FOOD SECTOR AND RURAL DEVELOPMENT	7.1 Economy, business and administration – covers economic theory and economic policies, world economy and international economic relations, business economics and management, marketing and logistics, demography and economic sociology, trade and commodity quality management.
	7.2. Finance, accounting and economic analysis – includes banking activity, company finances, fiscal methods and techniques, financial-banking diagnosis, fiscal policies, financing and crediting of enterprises, financial and fiscal planning, financial accounting, managerial accounting, commercial accounting, banking accounting, insurance accounting, tax accounting, financial audit, accounting in the branch, accounting in tourism, economic-financial analysis.