



AGENDA

International Scientific Symposium
MODERN TRENDS IN THE AGRICULTURAL HIGHER EDUCATION
October 5-6, 2023, Technical University of Moldova (UTM)

Link: [Click here to join the meeting](#)

Meeting ID: 380 774 994 314

Passcode: Q3WdhQ

9:30-10:00	<p style="text-align: center;">THURSDAY, October 5, 2023 REGISTRATION OF PARTICIPANTS</p> <p>Address: Tekwill, MD-2045, 9/11, Studentilor Street, Chisinau, Republic of Moldova</p>
10:00-12:00	<p style="text-align: center;">WELCOME SPEECHES</p> <p style="text-align: center;">Time limit of welcome speeches: 5-7 min</p> <p>Moderator: Viorel BOSTAN, Doctor Habil., Professor, UTM Rector, Republic of Moldova</p> <p>Viorel BOSTAN, Doctor Habil., Professor, UTM Rector, Republic of Moldova</p> <p>Dan PERCIUN, Minister of Education and Research, Republic of Moldova</p> <p>Vladimir BOLEA, Vice-Prime Minister, Minister of Agriculture and Food Industry, Republic of Moldova</p> <p>Emil CEBAN, President of Rectors' Council of the Republic of Moldova, Doctor Habil., Professor, State University of Medicine and Pharmacy „Nicolae Testemitanu” (<i>video message</i>)</p> <p>Ioan Vasile ABRUDAN, President of the Strategic Development Council of UTM, Dr., Professor, Rector of Transylvania University of Brasov, Romania</p>

<p>10:00-12:00</p>	<p>Sorin Mihai CÎMPEANU, Dr., Professor, Rector of the University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania</p> <p>His Excellency Mr. Yoichiro YAMADA, Ambassador of Japan to the Republic of Moldova</p> <p>His Excellency Mr. Paul GRAHAM, Ambassador of France to the Republic of Moldova</p> <p>His Excellency Mr. Lorenzo TOMASSONI, Ambassador of Italy to the Republic of Moldova</p> <p>His Excellency Mr. Marko SHEVCHENKO, Ambassador of Ukraine to the Republic of Moldova</p> <p>Ilgar FARAJOV, First Secretary, Embassy of the Republic of Azerbaijan to the Republic of Moldova</p> <p>Costel SAMUIL, Dr., Professor, Vice-Rector for Didactic Activity, „Ion Ionescu de la Brad” of Iasi University of Life Sciences, Romania</p> <p>Cornel CĂTOI, Dr., Professor, Rector of the University of Agricultural Sciences and Veterinary Medicine of Cluj, Romania</p> <p>Cosmin Alin POPESCU, Dr., Professor, Rector of the University of Life Sciences „Regele Mihai I” of Timisoara, Romania</p> <p>Valerian BALAN, Habil. Dr., Professor, Faculty of Agricultural, Forest and Environmental Sciences, UTM, MD</p> <p>Dan JUC, master’s degree student, study - programme „Conservation Agriculture”, Faculty of Agricultural, Forest and Environmental Sciences, UTM, MD</p>
<p>12:00-13:00</p>	<p><i>LUNCH BREAK</i></p>

PLENARY MEETING REPORTS

Time limit of the plenary meeting reports: 20 min

13:00-16:00

Moderator: Sergiu POPA, Dr., Associate Professor, Dean, Faculty of Agricultural, Forest and Environmental Sciences, UTM, Republic of Moldova

Ovidiu BURUIANĂ, Dr., Professor, Faculty of History, University „Al. I. Cuza” from Iasi, Romania, *RURAL Bessarabia AND THE NEED FOR A FORM OF HIGHER EDUCATION. ESTABLISHMENT OF THE FACULTY OF AGRICULTURAL SCIENCES, WITHIN THE UNIVERSITY OF IAȘI (1933)*

Cătălin BOTOȘINEANU, Dr., National Archives of Romania, Iasi, Romania, *AGRICULTURAL EDUCATION IN CHISINAU (1933-1940). THE ROLE OF THE TEACHING STAFF*

Maria DUCA, Academician, Professor, Moldova State University, MD, *ELEMENTS OF AGROECOLOGY IN SUNFLOWER CULTIVATION IN THE REPUBLIC OF MOLDOVA: GENETIC POTENTIAL-PRODUCTIVITY - YIELD IN THE CONTEXT OF CLIMATE CHANGE*

Denis ȚOPA, Dr., Professor, Dean of the Faculty of Agriculture, „Ion Ionescu de la Brad” Iasi University of Life Sciences, Romania, *EFFECTS OF CONSERVATIVE TILLAGE ON SOIL QUALITY AND CROP PRODUCTIVITY IN MOLDAVIAN PLATEAU*

Valerian BALAN, Habil. Dr., Professor, Faculty of Agricultural, Forest and Environmental Sciences, UTM, MD, *ACHIEVEMENTS AND PROSPECTS FOR THE DEVELOPMENT OF FRUIT GROWING IN THE REPUBLIC OF MOLDOVA*

Grigore MARIAN, Habil. Dr, Professor, Faculty of Mechanical, Industrial and Transport Engineering, UTM, MD, *EFFECTS OF DENSIFICATION PARAMETERS ON THE QUALITY OF BRIQUETTES PRODUCED FROM BLENDS OF MISCANTHUS GIGANTEUS + AGRICULTURAL RESIDUES*

Oleg MAȘNER, Dr., Associate Researcher, Director of the Scientific-Practical Institute of Biotechnologies in Animal Husbandry and Veterinary Medicine, MD, *ZOOTECHNIC SCIENCE AND PRACTICE, ACHIEVEMENTS AND PROBLEMS*

Rodica SIMINIUC, Dr., Associate Professor, Director of the Doctoral School, UTM, MD, *SUSTAINABLE FRONT-OF-PACK LABELING: A STRATEGY TO ENSURE FOOD AND NUTRITION SECURITY*

16:00-16:30	Questions & Answers Session
09:30-16:30	<ul style="list-style-type: none"> ➤ <i>Book exposition „Agricultural scientific heritage through the years”.</i> ➤ <i>Agricultural education from Moldova in pictures: Historical photographic exposition</i>
19:00-22:00	<i>GALA DINNER (by invitation only)</i> <i>Address: Capitoles Park, 13a Melestiu street, Chisinau, Republic of Moldova</i>

FRIDAY, October 6, 2023
THEMATIC PARALLEL SESSIONS

Time limit of session presentations: 10 min

Address: Horticultural Information Centre, 48, Mircesti street, Chisinau, Republic of Moldova

[Link: Click here to join the meeting](#)

Meeting ID: 380 774 994 314

Passcode: Q3WdhQ

09:00-12:00 <i>Work Sessions</i>	SESSION I - AGRONOMY	Lecture Hall, 14A-100, 1 st floor, 48, Mircesti Street
	SESSION II - HORTICULTURE, FORESTRY AND PLANT PROTECTION	Lecture Hall, 14A-100, 1 st floor, 48, Mircesti Street
12:00-13:00 <i>Lunch Break</i>	SESSION III - ANIMAL HUSBANDRY AND AGRI-FOOD SECURITY	Lecture Hall, 14A-100, 1 st floor, 48, Mircesti Street
	SESSION IV - VETERINARY MEDICINE	Lecture Hall 15-104, 1 st floor, 52, Mircesti Street
13:00-17:00 <i>Work Sessions</i>	SESSION V - AGRICULTURAL ENGINEERING	Lecture Hall, 14A-100, 1 st floor, 48, Mircesti Street
	SESSION VI - FOOD TECHNOLOGY	Lecture Hall, 14A-100, 1 st floor, 48, Mircesti Street
	SESSION VII - ECONOMICS OF AGRI-FOOD SECTOR AND RURAL DEVELOPMENT	Lecture Hall, 14A-100, 1 st floor, 48, Mircesti Street

The International Scientific Symposium

„MODERN TRENDS IN AGRICULTURAL HIGHER EDUCATION”

dedicated to the 90th anniversary of the founding of higher agricultural education in the Republic of Moldova from October 5-6, 2023 proposes the following sections:

I. AGRONOMY

1.1. Agronomy - 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.

1.2. Genetics, breeding and plant biotechnologies - 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.

1.3. Agroecology - 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.

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 vinification - 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. ANIMAL HUSBANDRY AND AGRI-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 TECHNOLOGY

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 ECONOMICS OF 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.

SCIENTIFIC COMMITTEE:

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BOINCEAN Boris, Academician, Dr. Habil., Professor, Director Public Institution Research Institute for Field Crops „Selection”, Moldova

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BUGAIAN Larisa, Dr. Habil., Professor, UTM, Moldova

LÜBBERSTEDT Thomas, Dr., Professor, Iowa State University, SUA

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EREMIA Nicolae, Dr. Habil., Professor, UTM, Moldova
ENCIU Valeriu, Dr. Habil., Professor, UTM, Moldova
DERENDOVSKAIA Antonina, Dr. Habil., Professor, UTM, Moldova
MARIAN Grigore, Dr. Habil., Professor, UTM, Moldova
CUJBA Rodica, Dr., Associate Professor, UTM, Moldova

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BIVOL Ludmila, Dr., University Lecturer, Head of Department „ARFS”, FAFES, UTM, Moldova

COJOCARU Olesea, Dr., Associate Professor, FAFES, UTM, Moldova

SESSION I - AGRONOMY

Subsection - 1.1. Agronomy

Lilia BRÎNZĂ^{1,2}, Olga DANILESCU^{2,3}, Ion BULHAC², Veronica GUȚU¹

THE INFLUENCE OF THE COORDINATION COMPOUND OF ZINC ON THE GROWTH AND DEVELOPMENT OF MAIZE PLANTS UNDER MOISTURE DEFICIT CONDITIONS

¹Institute for Research, Innovation and Technology Transfer of „Ion Creangă” of State Pedagogical University, Chisinau, Republic of Moldova

²Institute of Chemistry of Moldova State University, Chisinau, Republic of Moldova

³Technical University of Moldova, Chisinau, Republic of Moldova

Constantin LUNGOCI, Adrian-Ilie NAZARE, Teodor ROBU, Carmen Simona GHIȚĂU, Lucian Constantin HARAGA, Denis ȚOPA, Costel SAMUIL, Ioan PUIU

RESEARCH ON THE BEHAVIOR OF SOME VARIETIES OF COMMON WHEAT (*TRITICUM AESTIVUM* L.) IN THE CONDITIONS OF THE FOREST-STEPPE OF MOLDOVA

University of Life Sciences „Ion Ionescu de la Brad”, Iasi, Romania

Simion MUSTEAȚA, Pantelimon BOROZAN, Mihail STATNIC, Alexei SPÎNU, Valentina SPÎNU

THE TOLERANCE OF EARLY MAIZE INBRED LINES TO LOW SOIL TEMPERATURES IN THE SEED'S GERMINATION PHASE

Institute of Crop Science „Porumbeni”, Pascani village, Criuleni district, Republic of Moldova

Valeri NICUȘOR

CONVISO SMART TEHNOLOGY: WEED CONTROL IN THE SUGAR BEET OF THE FUTURE IS A NEW SOLUTION TO OLD PROBLEMS

Suedzucker Moldova, Republic of Moldova

Ioan PUIU, Teodor ROBU, Carmen Simona GHIȚĂU, Constantin LUNGOCI, Lucian Constantin HARAGA, Denis ȚOPA, Costel SAMUIL

RESEARCH ON THE PRODUCTIVITY AND QUALITY OF SOME VARIETIES OF WHEAT IN THE PEDOCLIMATIC CONDITIONS OF THE EASTERN BOTOSANI COUNTY, ROMANIA

University of Life Sciences „Ion Ionescu de la Brad”, Iasi, Romania

Vladimir ROTARU¹, Luxița RÎȘNOVEANU²

STUDIES REGARDING THE INFLUENCE OF RHIZOBACTERIA
BRADYRHIZOBIUM JAPONICUM AND SALYCILIC ACID ON WATER,
MINERAL NUTRITION OF SOYBEAN UNDER INSUFICIENCY OF
PHOSPHORUS AND MOISTURE OF SOIL

*¹Institute of Genetics, Physiology and Plant Protection,
MSU, Chisinau, Republic of Moldova*

*²Academy of Economic Studies of Bucharest,
Agricultural Station of Research and Development Braila, Romania*

**Mihail RURAC¹, Anatolie SPIVACENCO², Anatolie MELECA², Oleg
CRIUCICOV²**

FIRST STEPS IN CLIMATE CHANGE ADAPTATION OF CORN
TECHNOLOGY WITHIN CONSERVATION AGRICULTURE FRAMEWORK

¹Technical University of Moldova, Chisinau, Republic of Moldova

*²Institute of Crop Science „Porumbeni”, Pascani village, Criuleni district,
Republic of Moldova*

Gabriel SĂNDULACHE

PRECISION FARMING THROUGH THE USE OF MODERN DIGITIZED
AGRICULTURAL MACHINERY AND MODERN TECHNOLOGIES WITH
VARIOUS SENSORS

„Gheorghe Asachi” Technical University, Iasi, Romania

Parascovia SAVA, Natalia BULGAC

STUDY OF AGROCHEMICAL ANALYSIS OF SOIL AND WATER ON
PLANTATIONS OF SOME BLACKCURRANT VARIETIES IN THE CENTRAL
PART OF THE REPUBLIC OF MOLDOVA

*Scientific-Practical Institute of Horticulture and Food Technologies,
Chisinau, Republic of Moldova*

Ion BACEAN

INFLUENCE OF SOIL EROSION ON THE AGOCENOSIS HARVEST OF
AUTUMN WHEAT

Technical University of Moldova, Chisinau, Republic of Moldova

Zinaida BALMUȘ, Ludmila COTELEA, Violeta BUTNARAȘ

CREATION, EVALUATION OF THE INITIAL IMPROVEMENT MATERIAL
FOR THE SPECIES *CLARY SAGE*

Institute of Genetics, Physiology and Plant Protection of SUM, Chisinau, Republic of Moldova

Victor ȚÎȚEI¹, Natalia CÎRLG¹, Nina GARȘTEA¹, Andreea ANDREOIU², Ana GUȚU¹, Sergiu COȘMAN^{1,2}, Liliana MARDARI¹, Serghei COZARI¹, Valentina COȘMAN^{1,2}, Alexei ABABII¹, Veaceaslav DOROFTEI¹, Mihai GADIBADI¹, Dragoș COVALCIUC¹

THE BIOMASS QUALITY OF *CRAMBE CORDIFOLIA* AND ITS POTENTIAL APPLICATION

¹Institute of „Al. Ciobotaru” National Botanical Garden of SUM, Chisinau, Republic of Moldova

²Institute of Biotechnology in Animal Husbandry and Veterinary Medicine, Maximovca, Anenii Noi, Republic of Moldova

Subsection - 1.2. Genetics, breeding and plant biotechnologies

Simona ACATRINEI (DUMITRU), Elena-Manuela VACARCIUC, Cristian-Sorin GAVRILĂ, Mihai STAVARACHE

MAIN RESULTS OF THE RESEARCH PROCESS CARRIED OUT AT THE RESEARCH AND DEVELOPMENT STATION FOR MEADOWS VASLUI, ROMANIA

Research and Development Station for Meadows, Vaslui, Romania

Laurenția ARTIOMOV

PROTEOBACTERIA WITH BIOTECHNOLOGICAL POTENTIAL IN TYPICAL CHERNOZIOM

Institute of Microbiology and Biotechnology of Technical University of Moldova, Chisinau, Republic of Moldova

Lilia CHISNICEAN, Irina IVANȚOVA, Natalia BARANOVA

COLLECTION OF SPICES AND AROMATIC PLANTS IGFPP OF USM – COMPONENT PART OF AGRICULTURAL SCIENCES

Institute of Genetics, Physiology and Plant Protection of SUM, Chisinau, Republic of Moldova

Grigorii BATÎRU, Galina COMAROVA, Arcadi ADAMCIUC, Eugen ROTARI, Serghei BOUNEGRU, Dumitru COJOCARI

METHODOLOGY FOR CREATING ELECTROPHORETIC PASSPORTS OF MAIZE HYBRIDS AND THEIR PARENTAL FORMS AT THE LEVEL OF PROTEIN MOLECULES

Technical University of Moldova, Chisinau, Republic of Moldova

Galina COMAROVA

MODERN PRINCIPLES OF AGRICULTURAL EDUCATION ABROAD AS THE BASIS FOR IMPROVING AGRICULTURAL HIGHER EDUCATION IN THE REPUBLIC OF MOLDOVA

Technical University of Moldova, Chisinau, Republic of Moldova

Galina COMAROVA, Alexandru ROTARI, Grigorii BATÎRU, Eugen ROTRARI

THE USE OF MOLECULAR BIOCHEMICAL STUDIES IN MAIZE BREEDING AND SEED PRODUCTION: THE IMPACT OF RESEARCH IN THE PERIOD 1988-2023

Technical University of Moldova, Chisinau, Republic of Moldova

Alexandra-Mariana IONESCU, Andreea-Viorica BOTEZATU, Anna BUSUIOC, Alina-Viorica IANCU, Bianca FURDUI, Rodica Mihaela DINICĂ

PLANTS WITH POSSIBLE ACTION ON ALZHEIMER DISEASE: PHYTO-CHEMICAL AND BIOLOGICAL STUDIES

„Dănărea de Jos” University from Galati, Romania

Aliona MALII, Alexandru BUDAC, Oleg HARCUIUC, Angela RUDACOVA

EVALUATING SOYBEAN GENOTYPES BASED ON PROTEIN CONTENT, OIL CONTENT, AND TRYPSIN INHIBITOR ACTIVITY

Institute of Genetics, Physiology and Plant Protection of SUM, Chisinau, Republic of Moldova

Victor MELNIC¹, Anna BÎRSAN¹, Elena CHIRIȚA¹, Natalia BURACINSCHII¹, Angela MELNIC¹, Irina PONPUȘ², Cristin MELNIC¹

MORPHOLOGICAL STUDY OF ECHINACEA PURPUREA(L.) SPECIES BACK IN CULTURE AT THE AGROBIOLOGICAL STATION OF THE STATE UNIVERSITY OF MOLDOVA

¹*L.C.S. „Plant Biochemistry” of SUM, Chisinau, Republic of Moldova*

²*Center for Cultivation of Medicinal Plants USMF „Nicolae Testemitanu”, Chisinau, Republic of Moldova*

Simion MUSTEAȚA, Pantelimon BOROZAN, Alexei SPÎNU, Valentina SPÎNU

THE EVALUATION OF EARLY MAIZE HYBRIDS PARENTAL FORMS FROM ALTERNATIVE HETEROTIC GROUPS

Institute of Crop Science „Porumbeni”, Pascani village, Criuleni district, Republic of Moldova

Silvia SECRIERU, Antonina DERENDOVSKAIA

INFLUENCE OF GROWTH REGULATORS OF STEROID NATURE ON PRODUCTIVITY AND QUALITY OF WINTER BARLEY GRAIN

Technical University of Moldova, Chisinau, Republic of Moldova

Silvia SECRIERU

PHOTOSYNTHETIC ACTIVITY OF APRICOT VARIETIES CULTIVATED IN THE SOUTHERN ZONE OF THE REPUBLIC OF MOLDOVA

Technical University of Moldova, Chisinau, Republic of Moldova

Victor ȚÎȚEI¹, Vasile BLAJ², Teodor VINTILĂ³, Andreea ANDREOIU², Teodor MARUȘCA², Nina GARȘTEA¹, Alexei ABABII¹, Liliana MARDARI¹, Serghei COZARI¹, Veaceaslav DOROFTEI¹, Mihai GADIBADI¹, Dragoș COVALCIUC¹, Veaceaslav MAZARE³

THE QUALITY OF GREEN MASS AND HAY FROM ROMANIAN CULTIVARS OF *FESTUCA ARUNDINACEA*, *FESTUCA PRATENSIS* AND *FESTUCA RUBRA* IN THE REPUBLIC OF MOLDOVA

¹*Institute of „Al. Ciubotaru” National Botanical Garden of SUM, Chisinau, Republic of Moldova*

²*Research and Development Institute for Grasslands, Brasov, Romania*

³*„Regele Mihai I” University of Life Sciences, Timisoara, Romania*

Victor ȚÎȚEI¹, Nicolae Marinel HORABLAGA^{2,3}, Nina GARȘTEA¹, Sergiu COȘMAN^{1,4}, Adina HORABLAGA³, Liliana MARDARI¹, Serghei COZARI¹, Valentina COȘMAN^{1,4}, Luminița COJOCARIU³, Veaceaslav MAZARE³, Andrei ARMAȘ³, Alexei ABABII¹

THE QUALITY INDICES OF THE BIOMASS FROM *AVENA SATIVA* CV. ‘SORIN’ GROWN UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

¹*Institute of „Al. Ciubotaru” National Botanical Garden of SUM, Chisinau, Republic of Moldova*

²*Agricultural Research and Development Station Lovrin*

³*„Regele Mihai I” University of Life Sciences, Timisoara, Romania*

⁴*Institute of Biotechnology in Animal Husbandry and Veterinary Medicine, Maximovca, Anenii Noi, Republic of Moldova*

Subsection - 1.3. Agroecology

Rodion DOMENCO, Steliana CLAPCO, Maria DUCA

AREAS FAVORABLE FOR SUNFLOWER PRODUCTION IN THE REPUBLIC OF MOLDOVA

Center of Functional Genetics, SUM, Chisinau, Republic of Moldova

Rodion DOMENCO, Steliana CLAPCO, Maria DUCA

AREAS FOR MAXIMUM YIELD FORMATION IN SUNFLOWER ON THE TERRITORY OF THE REPUBLIC OF MOLDOVA

Center of Functional Genetics, SUM, Chisinau, Republic of Moldova

Natalia SUCMAN¹, Feodor GAIDARJI², Serghei CALINICENCO³

OPTIMIZATION OF PARAMETERS FOR CREATING LIQUID FERTILIZERS USING THE WASTE FROM POULTRY FARM SRL „PILICCIK-GRUP”

¹*Institute of Chemistry, SUM, Chisinau, Republic of Moldova*

²*SRL „Piliccik Grup”, Comrat, Republic of Moldova*

³*Technical university of Moldova, Chisinau, Republic of Moldova*

Veronica PRIKHODKO, Safranov TAMERLAN

ORGANIC COMPONENT OF MUNICIPAL SOLID WASTE AS A RAW MATERIAL FOR ORGANOMINERAL FERTILIZERS

Odessa State Ecological University, Ukraine

Valentina ANDRIUCĂ, Nicolai CAZMALÎ, Ion BACEAN, Rodica MELNIC, Maxim DONICI,

COMPARATIVE ASSESSMENT OF THE SUITABILITY OF SOME SOILS IN THE REPUBLIC OF MOLDOVA REGARDING THE CULTIVATION OF SEA BUCKTHORN

Technical University of Moldova, Chisinau, Republic of Moldova

Valentina ANDRIUCĂ¹, Raisa LOZAN², Nicolai CAZMALÎ¹, Rodica MELNIC¹, Maxim DONICI¹, Nicolae UNTILĂ¹

ASSESSMENT OF WATER QUALITY IN THE ASPECT OF IRRIGATION OF AGRICULTURAL CROPS IN THE REPUBLIC OF MOLDOVA

¹*Technical University of Moldova, Chisinau, Republic of Moldova*

²*Institute of Chemistry of the SUM, Chisinau, Republic of Moldova*

Valentina ANDRIUCĂ, Gheorghe RACOVIȚA

THE GENESIS OF FOOD SECURITY RISKS IN THE CONDITIONS OF AGRO-ECOSYSTEM DYSFUNCTIONS

Technical University of Moldova, Chisinau, Republic of Moldova

Olesea COJOCARU¹, Feodor FILIPOV²

THE DILEMMA OF THE UNIQUENESS OF NOTATING ASSOCIATION HORIZONS REGARDING THE DIAGNOSTIC OF SOILS DISTRIBUTED IN THE REPUBLIC OF MOLDOVA IN CORRELATION WITH THE WORLD REFERENCE BASE FOR SOIL RESOURCES

¹*Technical University of Moldova, Chisinau, Republic of Moldova*

²*„Ion Ionescu de la Brad” University of Life Sciences, Iasi, Romania*

Olesea COJOCARU¹, Tatiana BUJOR², Nicolae COJOCARU³

EXPLORING MODERN TRENDS IN SOIL RESEARCH: RECENT ADVANCES AND DISCOVERIES

¹*Technical University of Moldova, Chisinau, Republic of Moldova*

²*State University of Moldova, Chisinau, Republic of Moldova*

³*Academy of Economic Studies of Moldova (ASEM), Chisinau, Republic of Moldova*

Gheorghe RACOVIȚA

APPLIED AGROECOLOGICAL METHODS FOR EVALUATING THE AGROECOSYSTEMS OF FIELD CROPS

Technical University of Moldova, Chisinau, Republic of Moldova

SESSION II - HORTICULTURE, FORESTRY AND PLANT PROTECTION

Subsection - 2.1 Horticulture

Vasile ȘARBAN

THE IMPACT OF THE PRUNING TIME ON THE YIELD AND SIZE OF THE FRUIT OF SWEET CHERRY TREES OF THE STELLA AND SKEENA VARIETIES GRAFTED ON MAXMA 14

Ministry of Agriculture and Food Industry, Chisinau, Republic of Moldova

Valerian BALAN

ACHIEVEMENTS AND PROSPECTS FOR THE DEVELOPMENT OF FRUIT GROWING IN THE REPUBLIC OF MOLDOVA

Technical University of Moldova, Chisinau, Republic of Moldova

Valerian BALAN, Stanislav RUSSU, Cornel BUZĂ, Dmitri DODICA, Dumitru TALPALARU, Marian MUGULIUC

A METHOD FOR DETERMINING THE LEAF AREA IN SWEET CHERRY TREE VARIETIES (*PRUNUS AVIUM* L.)

Technical University of Moldova, Chisinau, Republic of Moldova

Vladislav BARANIUC, Valerii MANZIUC

DEVELOPMENT OF CHERRY ROOT SYSTEM ON DIFFERENT TYPES OF ROOTSTOCKS

Technical University of Moldova, Chisinau, Republic of Moldova

Sergiu POPA, Ion RÎBINȚEV

GROWTH AND FRUITING OF SEA BUCKTHORN VARIETIES AS A FUNCTION OF PLANTING DISTANCE AND ORCHARD STRUCTURE

Technical University of Moldova, Chisinau, Republic of Moldova

Alexandru RÎBINȚEV¹, Sergiu POPA², Ion RÎBINȚEV²

AGROBIOLOGICAL EVALUATION OF INTRODUCED VARIETIES OF SEED CROPS IN THE CONDITIONS OF THE VOLGOGRAD REGION

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Natalia GENDOV, Alexandr CHERNETS, Galina KOVALENKO

PRELIMINARY RESULTS OF MICROPAGATION OF VEGETATIVE ROOTSTOCK FOR PLUM AND APRICOT WAVIT

Scientific - Practical Institute of Horticulture and Food Technologies, Chisinau, Republic of Moldova

Eugeniu GUDUMAC, Ananie PEȘTEANU, Andrei CUMPANICI, Mihail BUCIUCEANU, Nicolae DASCĂLU

THE EFFECTIVENESS OF BIOSTIMULATOR GOEMAR BM 86 ON APPLE FRUIT YIELD AND QUALITY

Technical University of Moldova, Chisinau, Republic of Moldova

Ion GROSU, Sava GRIȚCAN, Ghenadie CUCU, Valerii COJOHARENCO, Mihai EVTODIEV, Olga MAGALATIEV

THE EFFECT OF AGROTECHNICAL PROCEDURES ON THE GROWTH AND PRODUCTIVITY OF DIFFERENT PLUM'S VARIETY-ROOTSTOCK COMBINATIONS

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STUDY OF GROWTH AND PRODUCTIVITY OF WALNUT TREES IN THE ECOLOGICAL SYSTEM OF AGROTECHNICS

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Petru ILIEV, Irina ILIEVA, Simion PLUGARU, Vasile PAVALACHE, Valentina ALEXEONOC

THE ROLE AND IMPORTANCE OF ISOLATION DISTANCES IN ORGANIC SEED PRODUCTION OF VEGETABLES

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Inna BÎLICI

STRUCTURE OF THE VEGETATIVE ASSEMBLY OF APPLE TREES ACCORDING TO AGE AND THE BIOLOGICAL CHARACTERISTICS OF THE VARIETY

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FRUIT YIELD OF THE VARIETIES GALA BUCKEYE SIMMONS AND RED VELOX DEPENDING ON THE LOCATION OF THE PLANTATION AND THE AGE OF THE TREES

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PREVENTIVE EVALUATION OF DROUGHT RESISTANCE OF APPLE VARIETIES AND HYBRIDS

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Corneliu BUZĂ

THE UTILIZATION OF THE GROWTH REGULATOR PACLOBUTRAZOL IN SWEET CHERRY ORCHARDS

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THE POMOLOGICAL CHARACTERISTICS OF THE MAIN SWEET CHERRY TREE VARIETIES GROWN IN THE CENTRAL AREA OF THE REPUBLIC OF MOLDOVA

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INFLUENCE OF FRUIT LOAD THINNING METHOD ON SPECIFIC PRODUCTIVITY OF APPLE TREES

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Andrei CUMPANICI, Ananie PEȘTEANU

PERSPECTIVE OF CULTIVATION OF GRAFTED PLUM VARIETIES ON MIROBOLAN 29C IN THE SOUTHERN AREA OF THE COUNTRY

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RESULTS OF TESTING BIOINSECTICIDE METAWHITE AGAINST SOIL PESTS OF SUNFLOWER

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Valentin GABERI, Ananie PEȘTEANU

EFFICIENCY OF PROGELBALIN LG AND GERBA 4LG PRODUCTS ON THE BRANCHING OF M9 TREES IN TREE NURSERIES

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Dmitri DODICA

THE IMPACT OF ANNUAL CANES REGULARIZATION ON THE PRODUCTIVITY AND QUALITY OF FLORICANE VARIETY „PRZEHYBA”, GROWN IN THE OPEN FIELD AND GREENHOUSE

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DEVELOPMENT OF CHERRY ROOT SYSTEM ON DIFFERENT TYPES OF ROOTSTOCKS

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Tatiana NOVAC, Petru ILIEV

GROWTH AND DEVELOPMENT OF DIFFERENT SPINACH VARIETIES

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Sergiu PANUȚA

EFFICIENCY OF SOME PRODUCTS CONTAINING ACETAMIRPID 200 G/L, AS INSECTICIDES AGAINST WHEAT PESTS

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Sergiu PANUȚA, Nichita CROITORU

EFFICIENCY OF SOME INSECTICIDES BASED ON THE ACTIVE SUBSTANCE *LAMBDA-CIHALOTRIN* 50 G/L, IN THE CONTROL OF APPLE TREE PESTS, IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

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Ananie PEȘTEANU¹, Dragoș CIMPOIEȘ², Andrei CUMPANICI¹, Oleg CALESTRU¹, Anatol RACUL¹

REGULATION OF FRUIT LOADERS IN APPLE ORCHARDS DECISIVE TECHNOLOGICAL ELEMENT TO INCREASING FRUIT QUALITY

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BEHAVIOUR OF SOME VARIETIES OF APRICOT FROM DIFFERENT SELECTION CENTRES GRAFTED ON MYROBALAN 29C IN THE SOUTHERN PART OF THE COUNTRY

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INVESTIGATION OF PLUM REPRODUCTIV SYSTEM DEVELOPMENT RELATED TO BIOTEHNOLOGICAL APPLICATIONS

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Stanislav RUSSU

SWEET CHERRY TREE SHAPING, PRUNING AND FRUITING

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Stanislav RUSSU

THE BIOLOGICAL PECULIARITIES OF THE NEW SWEET CHERRY VARIETIES GROWN IN THE NORTH OF THE REPUBLIC OF MOLDOVA

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THE IMPACT OF THE PRODUCT CROPAID NPA AND THE GROWTH REGULATOR PACLOBUTRAZOL ON THE GROWTH, FRUITING AND PRODUCTIVITY OF SWEET CHERRY TREE VARIETIES

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Ina VOINEAC

USING ORNAMENTAL ALLIUM SPECIES IN GARDEN DESIGN

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Chisinau, Republic of Moldova*

Andrei ZBANCĂ, Sergiu POPA, Ion RÎBINȚEV, Anatolie MACARI

MANAGEMENT OF BUSINESS MODELS IN THE CULTIVATION OF SEA BUCKTHORN WITH THE APPLICATION OF DIFFERENT PLANTING SCHEMES IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

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Subsection - 2.2 Plant protection

Alexei BIVOL¹, Sergiu BĂDĂRĂU¹, Elena IURCU-STRAISTARU², Elisaveta BIVOL¹, Valeriu TACU¹

RESULTS OF THE TESTING OF THE NEW REMEDIES WITH FUNGICIDAL ACTION ON AUTUMN BARLEY IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

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COMPARATIVE CHEMICAL MANAGEMENT IN COMBATING DISEASES SPECIFIC TO AUTUMN RAPE WITH THE USE OF NEW REMEDIES WITH FUNGICIDAL ACTION

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COMPARATIVE NEMATOLOGICAL RESEARCH ON INVASIVE AND VECTORAL IMPACT ON THE APPLE CROP UNDER THE CONDITIONS OF THE INTENSIVE VALUATION SYSTEM

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TRACKING OF SOME FUNGAL PLANT PATHOGENS IN THE APRICOT PLANTATION

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THE SAWFLY ASH PESTS (HYMENOPTERA, TEHTHREDINIDA) FROM THE REPUBLIC OF MOLDOVA

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Subsection - 2.3 Viticulture and vinification

Ecaterina COVACI, Natalia VLADEI

THE POPULATION CONSUMPTION OF WINES AND ALCOHOLIC BEVERAGES IN THE REPUBLIC OF MOLDOVA

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Ecaterina COVACI, Aliona SCLIFOS, Anatol BALANUȚA

QUANTIFICATION OF THE CONTENT OF BIOLOGICALLY ACTIVE SUBSTANCES IN NATIVE RM GRAPES VARIETIES

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Olga MOGÎLDEA, Gheorghe NICOLAESCU, Mariana GODOROJA, Cornelia VOINESCO, Valeria PROCOPENCO

THE GROWING AND DEVELOPMENT OF THE VINES OF FETEASCA ALBA GRAPE VARIETY IN DIFFERENT WINE REGIONS OF THE REPUBLIC OF MOLDOVA

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Dimitrii PARMACLI, Serghei CARA
STUDY OF GRAPE PRODUCTION DYNAMICS IN THE AUTONOMOUS
TERRITORIAL UNIT OF GAGAUZIA

Comrat State University, Republic of Moldova

Andrii SHTIRBU
THE INFLUENCE OF GRAPEVINE CANOPY MANAGEMENT ON
VINEYARD PRODUCTIVITY IN STEEP ENVIRONMENTS

NSC „V.Ye. Tairov Institute of Viticulture and Winemaking”, Odesa, Ukraine

Subsection - 2.4 Forestry and public gardens

Andrei APĂFAIAN, Lucian DINCĂ, Vlad CRIȘAN, Cristian Mihai ENESCU
SUMAL 2.0 – A MODERN TRACEABILITY TOOL

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and Development in Forestry, Brasov, Romania*

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PETRITAN¹, Any Mary PETRITAN⁵, Raquel ESTEBAN⁶, Jorge CURIEL YUSTE⁴**
DYNAMICS OF CHEMICAL TRAITS OF DOWNED DEAD WOOD IN A
TEMPERATE OLD-GROWTH FOREST

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Alexandru CHETREAN, Victor SFECLĂ
THE GROWTH OF *FAGUS SYLVATICA* L. SEEDLINGS OF DIFFERENT
PROVENANCES IN THE NURSERY OF TELENEȘTI FOREST ENTERPRISE

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**Mihail-Gabriel CHILAT, Steluța-Maria SÎNGEORZAN, Alina Maria
TRUȚA, Irina MORAR, Liviu HOLONEC**

THE EFFECTS OF MAINTENANCE WORK ON THE GROWTH OF SPRUCLE
SEEDLINGS IN THE NURSERY

University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

Alexandru COLIȘAR¹, Vasile ȘIMONCA^{1,2}, Vasile CEUCA¹, Steluța Maria SÎNGEORZAN¹

ECOLOGICAL RECONSTRUCTION OF DEGRADED LANDS FROM THE ZAGĂR IMPROVEMENT PERIMETER, MUREȘ COUNTY

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ECOLOGICAL RECONSTRUCTION OF SOME WIND-BLOWN FOREST SURFACES FROM THE BARDĂU U.P.II, VIȘEU FOREST DISTRICT

University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

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IN-SITU CONSERVATION OF *EPIPACTIS PALUSTRIS* (L.) CRANTZ IN THE REPUBLIC OF MOLDOVA

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EXPERIENCE OF USING DIFFERENT PLANTS IN URBAN ECOSYSTEMS

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SOIL FAUNA BIODIVERSITY RESPONSES TO SIMULATED ANTHROPOGENIC DISTURBANCES IN EUROPEAN OAK FORESTS (HOLISOILS H-2020 PROJECT)

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Irina SFECLĂ¹, Tatiana CĂLUGĂRU-SPĂTARU²**

THE ASSESSMENT OF THE INFLUENCE OF THE GROWTH REGULATOR
REGLALG ON THE RESISTANCE OF BEECH SEEDLINGS OF „PLAIUL
FAGULUI” SCIENTIFIC RESERVATION

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NATURAL AREAS PROTECTED BY THE STATE WITHIN THE FRAMEWORK
OF THE CRIULENI FOREST ENVIRONMENT, CHISINAU STATE FORESTRY
ENTERPRISE

Technical University of Moldova, Chisinau, Republic of Moldova

**Steluța-Maria SÎNGEORZAN, Alina Maria TRUȚA, Iulia ARION, Florin
REBREAN, Mihail-Gabriel CHILAT, Alexandru COLIȘAR, Horia VLASIN**

METHODS OF STIMULATE THE GERMINATION OF BLACK PINE (*PINUS
NIGRA*) SEEDS

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CONTRIBUTIONS TO THE INTRODUCTION OF ITOH-PAEONIA IN THE
REPUBLIC OF MOLDOVA

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LANDSCAPE ARCHITECTURE IN THE REPUBLIC OF MOLDOVA
THROUGH THE PRISM OF SOME HISTORICAL PERIODS

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THE SUITABILITY OF SOME SPECIES OF *SEMPERVIVUM* L. FOR THE GREEN SPACE ARRANGEMENT

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FORECAST OF THE MAJOR INSECT PESTS SPECIES PRESENT IN THE CLUJ FORESTRY DISTRICT FOR THE YEAR 2023

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MONUMENTAL TREES IDENTIFIED IN THE COUNTIES ON THE RIGHT BANK OF THE PRUT RIVER

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Horia-Dan VLASIN, Cristian DANCI, Steluța-Maria SÎNGEORZAN

DETERMINATION OF BIOGENIC CAPACITY ON FĂINA-MIRAJ SECTOR OF VASER RIVER IN ORDER TO INCREASE THE SALMONIDS POTENTIAL

University of Agricultural Sciences and Medicine Veterinary Cluj-Napoca, Romania

SESSION III - ANIMAL HUSBANDRY AND AGRI-FOOD SECURITY

Larisa CAISÎN, Alla CARA

PERFORMANCE AND EGG QUALITY OF LAYING HENS FED DIETS CONTAINING FEATHER MEAL

Technical University of Moldova, Chisinau, Republic of Moldova

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FEEDING THE BEES IN THE SPRING PERIOD

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FORMS OF AGRICULTURAL ENTREPRENEURSHIP AS A FACTOR OF INFLUENCE ON THE RISK STATUS OF ANIMAL GENETIC RESOURCES

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THE SCIENTIFIC APPROACH TO SWINE BREEDING BASED ON QUANTITY INCREASE AND QUALITY IMPROVEMENT OF PORK MEAT

Technical University of Moldova, Chisinau, Republic of Moldova

Ana CHIȚANU

VALUATION OF BY-PRODUCTS IN THE BUTTER MANUFACTURING PROCESS

Technical University of Moldova, Chisinau, Republic of Moldova

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CRYOPRESERVATION OF BOAR SPERM

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TRACEABILITY OF PORK PRODUCTS

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GENETIC DIVERSITY AND PHYLOGENETIC RELATIONSHIPS OF ENDANGERED GREY STEPPE AND PINZGAU CATTLE BREEDS

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QUALITY CONTROL AND EXPERTISE OF „LUCEAFĂRUL” CHEESE OF LOCAL ORIGIN

Technical University of Moldova, Chisinau, Republic of Moldova

Natalia GROSU

THE HARMLESSNESS AND QUALITY OF CONSUMABLE EGGS DEPENDING ON THE DURATION OF AVERAGE SHELF LIFE

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Elena KAPITONOVA

DISCOVERY OF METHODS OF OBTAINING ECOLOGICALLY PURE BROILER CHICKENS MEAT

Department of Specialized Animal Farming, Vitebsk, Republic of Belarus

Vasily KOMLATSKY, Igor LESHCHENKO

FEATURES OF HONEY CONVEYOR IN THE ZONE OF INDUSTRIAL AGROBIOCENOSIS

Kuban State Agrarian University, Krasnodar, Russia

P.A. KRASOČIKO¹, A.E. GONCEAROV², E.V. DYJ², I.A. KRASOČIKO¹, V.V. CEAIKOVSKII¹, P.Iu. POPOVA³

STUDY OF THE IMMUNOSTIMULATING ACTIVITY OF LIPOLYSACCHARIDES FROM SACCHAROMYCES CEREVISI BY ASSESSING THE EXPRESSION OF SURFACE MARKERS OF DENDRITIC BLOOD CELLS

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P.A. KRASOČIKO, M.A. ŠIENOK, M.A. PONASKOV

STUDY OF TOXICITY AND HARMLESSNESS OF SILVER-CONTAINING DRUGS

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Raluca-Aniela GHEORGHE-IRIMIA, Dana TĂPĂLOAGĂ, Cosmin ŞONEA, Lucian-Ionel ILIE, Paul-Rodion TĂPĂLOAGĂ

FROM TRADITION TO TECHNOLOGY: HARNESSING PRECISION LIVESTOCK FARMING FOR ADVANCING RURAL ECONOMIES IN DEVELOPING COUNTRIES

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Raluca-Aniela GHEORGHE-IRIMIA, Dana TĂPĂLOAGĂ, Cosmin ŞONEA, Lucian-Ionel ILIE, Paul-Rodion TĂPĂLOAGĂ

EMERGING TRENDS IN ANIMAL BREEDING: LEVERAGING GENOMICS AND ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE GENETIC IMPROVEMENT

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Tatiana MARDARI

ASSESSMENT OF PHYSICO-CHEMICAL INDICES OF DIFFERENT TYPES OF HONEY

Technical University of Moldova, Chisinau, Republic of Moldova

Susana MODVALA

MONITORING OF PESTICIDE RESIDUES IN SUNFLOWER HONEY

Technical University of Moldova, Chisinau, Republic of Moldova

Gheorghe NISTOR, Gabriel SĂNDULACHE, Dorica SĂNDULACHE

UNIV. PROF. DR. AGRICOLA CARDAŞ HIS ACTIVITY IN BESSARABIA AND THE FARMS COSTIUGENI - LĂPUŞNA, DEALUL CODRULUI

„Gheorghe Asachi” Technical University, Iasi, Romania

Alisa PÎRLOG¹, Diana CURCHI², Natalia PAVLICENCO¹

CHARACTERISTICS REGARDING THE QUALITY AND SAFETY OF SEMI-FINISHED MEAT AND BY-PRODUCTS SHREDDED AT THE LOCAL PRODUCER

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THE QUALITY INDICES OF FERMENTED FODDER FROM SMOOTH BROME *BROMUS INERMIS* ‘IULIA SAFIR’

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SESSION IV - VETERINARY MEDICINE

Tatiana ANTOHIEV, Nicolae STARCIUC, Natalia OSADCI

THE INCIDENCE OF ZOONOSES IN DOMESTIC ANIMAL CARCASSES AND THEIR IMPACT ON PUBLIC HEALTH

Technical University of Moldova, Chisinau, Republic of Moldova

Corina BADEA, Ion OPRESCU, Viorel HERMAN, Mirela IMRE, Beatrice Ana-Maria SÎRBU, Cătălin Bogdan SÎRBU, Sorin MORARIU, Gheorghe DĂRĂBUȘ

THE PREVALENCE OF ENDOPARASITES IN STRAY CATS IN WESTERN ROMANIA

University of Life Sciences „Regele Mihai I”, Timisoara, Romania

Andrei-Mario CODREANU, Maria ROȘCA

ULTRASONOGRAPHIC FEATURES IN PROSTATIC CYSTS IN ADULT AND SENIOR DOGS

University of Agronomical Sciences and Veterinary Medicine, Bucharest, Romania

Dan CRÎNGANU, Iuliana CRÎNGANU, Raluca NEGREANU

CAN IT MAY BE A MIXED NEOPLASIA WITH THE COMPONENT OF BOTH CARCINOMATOUS MASTITIS AND T-CELL LYMPHOMA WITH SKIN LOCATION-COMPARATIVE STUDY

University of Agronomical Sciences and Veterinary Medicine, Bucharest, Romania

Dan CRÎNGANU, Iuliana CRÎNGANU, Raluca NEGREANU
PROSTATE PATHOLOGY IN DOGS - DIAGNOSTIC PROTOCOL AND STAGING

University of Agronomical Sciences and Veterinary Medicine, Bucharest, Romania

Georgeta DINESCU, Elvira GAGNIUC, Andreea Alexandra SIMION, George Laurențiu NICOLAE, Raluca Elena TIU

THE ROLE OF CYTOLOGY IN THE DIFFERENTIAL DIAGNOSIS OF LYMPHADENOPATHIES IN DOGS

University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania

Georgeta DINESCU, Elvira GAGNIUC, Adina-Mihaela PÎRVU, Teodora-Maria LĂZĂRESCU, Manuella MILITARU

EVALUATION OF MALIGNANCY CRITERIA THROUGH CYTOLOGICAL EXAMINATION IN CANINE MAMMARY TUMORS

University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania

Ana-Alexandra DOBRIN, Manuella MILITARU

AN OVERVIEW OF RECENT DEVELOPMENTS IN GENETIC STUDIES OF CANINE CUTANEOUS MALIGNANT MELANOCYTIC TUMORS

University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania

Mădălina Elena HENEA, Eusebiu Viorel ȘINDILAR, Liviu Cătălin BURTAN, Iuliana MIHAI, Mariana GRECU, Alina ANTON, Gheorghe SOLCAN

RECOVERY OF SPINAL WALKING IN PARAPLEGIC DOGS USING PHYSIOTHERAPY AND SUPPORTIVE DEVICES TO MAINTAIN THE STANDING POSITION

„Ion Ionescu de la Brad” University of Life Sciences, Iasi, Romania

Viorel HERMAN, Sebastian Alexandru POPA, Kalman IMRE, Janos DÉGI, Ionica IANCU, Luminița COSTINAR, Anca Hulea, Alexandru GLIGOR, Corina PASCU

EVOLUTION OF AFRICAN SWINE FEVER, IN ROMANIA, DURING 2017-2022

University of Life Sciences „Regele Mihai I”, Timisoara, Romania

Elvira GAGNIUC, Ana-Alexandra DOBRIN, Adina-Mihaela PÎRVU, Emilia CIOBOTARU-PÎRVU, Manuella MILITARU

CANINE CUTANEOUS MAST CELL TUMOR: DIAGNOSTIC METHODS AND PROGNOSTIC MARKERS

University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania

Rita GOLBAN

MICROBIOLOGICAL RESEARCH OF HOMEMADE CHEESE IN VARIOUS COOLING PERIODS

Technical University of Moldova, Chisinau, Republic of Moldova

Rita GOLBAN

THE MICROBIOLOGICAL DIAGNOSIS APPROACH REGARDING THE MICROFLORA OF CANINE OTITIS

Technical University of Moldova, Chisinau, Republic of Moldova

Vasile MACARI¹, Liliana ROTARI¹, Ana ROTARU¹, Victor PUTIN¹, Dmitrii MAȚENCU¹, Natalia PAVLICENCO¹, Ali Bilal NASSAR²

THE IMPACT OF THE ZOOBIOR REMEDY ADMINISTERED TO QUAILS ON THEIR HEALTH AND THE MARKERS OF THE CLINICAL AND HEMATOLOGICAL STATUS

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Alexandru-Gabriel NEAGU, Nicolae TUDOR, Constantin VLAGIOIU

CLINICAL AND MAGNETIC RESONANCE ASPECT IN MIELOMALACIA IN DOGS – 6 CASES

University of Agronomical Sciences and Veterinary Medicine, Bucharest, Romania

Simona NICOLAE, Iuliana CODREANU

STUDY REGARDING THE PHYSIOLOGICAL VARIATIONS OF THE DIPSIC BEHAVIOR IN THE GESTATION PERIOD IN DOMESTIC CATS

University of Agronomical Sciences and Veterinary Medicine, Bucharest, Romania

Andrei Claudiu PROCA, Carmen SOLCAN

NRF2 OVEREXPRESSION AND REDUCED P65 EXPRESSION IN INTESTINAL MUCOSA OF PIGS EXPOSED TO BLACK GRAPE POMACE POWDER

„Ion Ionescu de la Brad” University of Life Sciences, Iasi, Romania

Beatrice Ana-Maria SÎRBU, Ion OPRESCU, Viorel HERMAN, Mirela IMRE, Corina BADEA, Cătălin Bogdan SÎRBU, Tiana FLOREA, Gheorghe DĂRĂBUȘ

PREVALENCE OF GASTROINTESTINAL PARASITES IDENTIFIED IN FRENCH ALPINE GOATS FROM WESTERN ROMANIA

University of Life Sciences „Regele Mihai I”, Timisoara, Romania

Diana ȘERBĂNESCU, Iuliana CODREANU

SCREENING OF DILATED CARDIOMYOPATHY IN SENIOR DOGS

University of Agronomical Sciences and Veterinary Medicine, Bucharest, Romania

SESSION V - AGRICULTURAL ENGINEERING

Grigore MARIAN, Nicolae DARADUDA

EFFECTS OF DENSIFICATION PARAMETERS ON THE QUALITY OF BRIQUETTES PRODUCED FROM BLENDS OF MISCANTHUS GIGANTEUS + AGRICULTURAL RESIDUES

Technical University of Moldova, Chisinau, Republic of Moldova

Iurie MELNIC, Angela MELNIC, Vladimir BADIUL

VEGETABLE GROWING IN THE REPUBLIC OF MOLDOVA: STUDY OF MECHANIZED PLANTING SEEDLINGS

Technical University of Moldova, Chisinau, Republic of Moldova

Nicolae DARADUDA, Grigore MARIAN, Andrei PAVLENCO

CHARACTERIZATION AND EVALUATION OF ENERGY PROPERTIES OF BRIQUETTES PRODUCED FROM MISCANTHUS, SEA BUCKTHORN AND AGRICULTURAL WOOD RESIDUES AND THEIR BLENDS

Technical University of Moldova, Chisinau, Republic of Moldova

Valerian CEREMPEI, Eduard BANARI

THEORETICAL MOTIVATION OF BIOFUEL COMPOSITION FOR COMPRESSION IGNITION ENGINES

Technical University of Moldova, Chisinau, Republic of Moldova

Svitlana YAHელიUK, Volodymyr DIDUKH, Oleksander YAHელიUK, Mykhailo FOMICH

THE VARIABLE-VOLUME PRESSING CHAMBER FOR FORMING SMALL-SIZED FUEL ROLLS FROM THE BIOMASS OF THE AGRICULTURAL PLANT STEMS

Lutsk National Technical University, Ukraine

Boris NAZAR, Grigore MARIAN, Leonid MALAI, Nicolae DARADUDA

QUALITY ASSESSMENT OF BIOMASS BLENDS FROM SEA BUCKTHORN AND FRUIT TREES RESIDUES

Technical University of Moldova, Chisinau, Republic of Moldova

Alexandru OSOIANU

SOME CONCEPTUAL AND THEORETICAL APPROACHES TO THE EXPLOITATION OF DRONES IN AGRICULTURE

Technical University of Moldova, Chisinau, Republic of Moldova

Teodor MARIAN

IMPROVING THE MAINTENANCE STRATEGY OF THE AGRICULTURAL
MACHINERY IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

Agrotehservice Enterprise, SRL Basadoro Agroteh, Chisinau, Republic of Moldova

Valentyna TKACHUK

FUELS FOR MODERN AGRICULTURAL MACHINERY

Lutsk National Technical University, Ukraine

Valerian Cerempei¹, Eduard Banari¹, Dumitru Croitoru², Victor Țiței³

ARGUMENTATION OF BIOFUEL COMPOSITION FOR COMPRESSION
IGNITION ENGINES THROUGH TRIBOLOGICAL STUDIES

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SESSION VI - FOOD TECHNOLOGY

Rodica SIMINIUC, Dinu ȚURCANU

FRONT LABELING AS A STRATEGY TO ENSURE SUSTAINABLE AGRI-
FOOD SYSTEMS

Technical University of Moldova, Chisinau, Republic of Moldova

**Alina BOISTEAN, Aurica CHIRSANOVA, Rodica STURZA, Rodica
SIMINIUC**

CONSUMER BEHAVIOR AND CURRENT TRENDS IN SUGAR
CONSUMPTION IN THE REPUBLIC OF MOLDOVA

Technical University of Moldova, Chisinau, Republic of Moldova

**Andreea BOTEZATU¹, Fanica BĂLĂNESCU¹, A. BUSUIOC¹, C. BRATU
BOTE², A.V. IANCU¹, Bianca FURDUI¹, R.M. DINICĂ¹**

CARAWAY SEEDS (*CARUM CARVI*) – SOURCE OF BIOLOGICAL ACTIVE
COMPOUNDS

¹„Dunărea de Jos” University, Galati, Romania

*²Plant Genetic Resources Bank for Vegetables, Floriculture,
Aromatic and Medicinal Plants, Buzau, Romania*

Nina MIJA, Daniela PALADI

THE INFLUENCE OF AGRONOMIC GROWTH TECHNIQUES ON THE
CALCIUM POTENTIAL IN POULTRY PRODUCTS

Technical University of Moldova, Chisinau, Republic of Moldova

Ana CHIORU, Aurica CHIRSANOVA

INTELLIGENT OPPORTUNITIES TO USE BETA GLUCANS FOR YOUR WELL-BEING

Technical University of Moldova, Chisinau, Republic of Moldova

Natalia PATSERA, Liubov VOITSEKHIVSKA, Serghei VERBYTSKYI

COOKED PRODUCTS OF POULTRY COMBS AND SUBSTANTIATION OF THEIR SHELF LIVE CAPACITY

Institute of Food Resources of the National Academy of Agrarian Sciences, Kyiv, Ukraine

Roxana Nicoleta RAȚU¹, Florina STOICA¹, Ionuț Dumitru VELEȘCU¹, Sandu TALPĂ¹, Vlad Nicolae ARSENOAIA¹, Narcisa Alina POSTOLACHE²
IMPROVING THE NUTRITIONAL VALUE OF FOOD BY USING HORTICULTURAL BY-PRODUCTS

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Eugen BOGATÎ

COMPLEX SUSTAINABLE TECHNOLOGY OF PINK AND RED WINE MAKING IN SEVERAL STEPS

Technical University of Moldova, Chisinau, Republic of Moldova

Ina GRIZA, Liviu VACARCIUC

TESTING SOME PRODUCTION TECHNOLOGIES OF RED GRAPE JUICE

Technical University of Moldova, Chisinau, Republic of Moldova

Eugen BOGATÎ, Liviu VACARCIUC

IMPROVED TECHNOLOGIES IN THE PRODUCTION OF ROSÉ WINES IN THE CODRU REGION OF THE REPUBLIC OF MOLDOVA

Technical University of Moldova, Chisinau, Republic of Moldova

SESSION VII - ECONOMICS OF AGRI-FOOD SECTOR AND RURAL DEVELOPMENT

Subsection - 7.1 Economy, business and administration

Sergiu MÎRZA, Oleg ONOFREI

SPECIFICITIES OF THE LOGISTICS ACTIVITY IN THE SEA BUCKTHORN PRODUCING ENTERPRISE

Technical University of Moldova, Chisinau, Republic of Moldova

Tatiana BUJOR, Boris COREȚCHI

SUSTAINABLE DEVELOPMENT: SHAPING A NEW PARADIGM

State University of Moldova, Chisinau, Republic of Moldova

Neli MUNTEAN, Iulian MUNTEAN

THE MODERNIZATION OF HIGHER EDUCATION: EMPLOYMENT AND
WORKING CONDITIONS IN ACADEMIA

Technical University of Moldova, Chisinau, Republic of Moldova

Subsection - 7.2. Finance, accounting and economic analysis

Neli MUNTEAN¹, Irina FUSARU¹, Gabriela VALUTA²

ANALYSIS OF NATIONAL AND INTERNATIONAL CORPORATE
BANKRUPTCY DYNAMICS

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