



Section 1

AGRONOMY

University of Agronomic Sciences and Veterinary Medicine of Bucharest
Faculty of Agriculture

E-mail: agricultureforlife@usamv.ro; agronomyjournal.usamv.ro

Web: <http://agricultureforlife.usamv.ro>; <http://agro-bucuresti.ro>

SCIENTIFIC COMMITTEE

- Sinisa BERJAN – University of East Sarajevo, Bosnia and Herzegovina
- Dimitrios BILALIS – Agricultural University of Athens, Greece
- Iovu-Adrian BIRIȘ – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lancelot BUTTERS – University of Central Lancashire, United Kingdom
- Raimundo CABRERA – University of La Laguna, Phytopathology Unit, Spain
- Costică CIONTU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Sorin Mihai CÎMPEANU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Stelica CRISTEA – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ionela DOBRIN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mihail DUMITRU – Research and Development Institute for Soil Science, Agrochemistry and Environmental Protection of Bucharest, Romania
- Lenuța Iuliana EPURE – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Senol Zafer ERDOGAN – Konya Food and Agriculture University, Turkey
- André FALISSE – University of Liège, Gembloux Agro-Bio Tech, Belgium
- Cristian HERA – Romanian Academy
- Beatrice-Michaela IACOMI – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Cristian IACOMI – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Leonard ILIE – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Florin IMBREA – University of Life Sciences "King Mihai I" from Timisoara, Romania
- Viorel ION – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mohsen JANMOHAMMADI – University of Maragheh, East Azarbaijan, Iran
- Gheorghe JIGĂU – State University of Moldova, Republic of Moldova
- Gerard JIȚĂREANU – “Ion Ionescu de la Brad” Iași University of Life Sciences, Romania
- Maria JOIȚA-PĂCUREANU – National Agricultural Research and Development Institute Fundulea, Romania
- Yalcin KAYA – Trakya University, Plant Breeding Research Center, Turkey
- Roxana Maria MADJAR – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Doru Ioan MARIN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mircea MIHALACHE – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ioan PĂCURAR – University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania

- Aurelian PENESCU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Françoise PICARD-BONNAUD – University of Angers, France
- Teodor ROBU – “Ion Ionescu de la Brad” Iași University of Life Sciences, Romania
- Gheorghe Valentin ROMAN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mihail RURAC – State Agrarian University of Moldova, Republic of Moldova
- Teodor RUSU – University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Dumitru Ilie SÂNDOIU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Philippe SIMONEAU – University of Angers, France
- Vasilica STAN – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lizica SZILAGYI – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Marin ȘTEFAN – University of Craiova, Romania
- David C. WEINDORF – Texas Tech University, USA
- Hristina YANCHEVA – Agricultural University of Plovdiv, Bulgaria

ORGANIZING COMMITTEE

- Adrian Gheorghe BĂȘA
- Costică CIONTU
- Mirela Elena DUȘA
- Lenuța Iuliana EPURE
- Mihai GÎDEA
- Leonard ILIE
- Viorel ION
- Doru Ioan MARIN
- Mircea MIHALACHE
- Elena Loredana SFETCU

SECTION 1 – AGRONOMY

Agronomy Section Chairman:

Prof. Dr. Viorel ION

Prof. Dr. Mircea MIHALACHE

THURSDAY, 5TH OF JUNE, 2025

*Building A - Faculty of Agriculture
Ground Floor, Aula Magna "Petre S. Aurelian"*

- 14:00 – 14:10** *Conference Section Opening*
- 14:10 – 16:00** *Session 1 - Ground Floor, Aula Magna "Petre S. Aurelian"*
- 16:00 – 16:30** *Coffee break – Ground Floor, Main Hall*
- 16:30 – 17:30** *Posters display and viewing – Ground Floor, Central Hall*
- 19:00 – 21:30** *Official Gala Dinner – Cultural Event (Ceres Restaurant) – USAMV Campus*

SESSION 1

Time: 14:10 – 16:00

*Building A - Faculty of Agriculture
Ground Floor, Aula Magna "Petre S. Aurelian"*

Session Moderators: *Prof. Dr. Leonard ILIE
Assoc. Prof. Dr. Mirela Elena DUȘA*

Time	Authors	Paper Title
14:10– 14:20	Atanas SEVOV, Veska GEORGIEVA	ADAPTATION OF SPRING FIELD CROP TECHNOLOGY TO CHANGING CLIMATE CONDITIONS
14:20 – 14:30	Aysen AKAY	DETERMINATION OF THE EFFECT OF SILICON, MYCORRHIZA AND PHOSPHORUS BACTERIA APPLICATION ON INCREASING PHOSPHORUS UTILIZATION EFFICIENCY AND STEM RESISTANCE IN SUNFLOWER (<i>Helianthus annuus</i>)
14:30 – 14:40	Ali COSKAN	ORGANIC AGRICULTURE HAS DEFECTS IN THE SCOPE OF MINERAL FERTILIZATION
14:40 – 14:50	Cristian Mihai ENESCU	SURVIVAL RATE OF OAK (<i>Quercus</i> L.) SEEDLINGS IN AN AGROFORESTRY SYSTEM ESTABLISH IN HORTINOVA NURSERY (CÂRCEA, DOLJ COUNTY)
14:50 – 15:00	Marian DOBRE	RESEARCHES ON WATER AVAILABILITY IN FUNCTION OF SOIL TILLAGES

Time	Authors	Paper Title
15:00 – 15:10	Bilyana GRIGOROVA-PESHEVA, Boyka MALCHEVA, Asen PESHEV	TRACKING THE PERCENTAGE OF SEED GERMINATION WHEN THE BASIS FOR THE SPROUTS IS PURE COMPOST AND COMPOST WITH ADDITIVES
15:10 – 15:20	Alexandra GHEORGHITĂ, Larisa CORCOZ, Bianca POP, Anca PLEȘA, Vlad STOIAN, Roxana VIDICAN	THE EVOLUTION OF MICROBIAL FUNCTIONAL PROFILE INVOLVED IN DECOMPOSITION PROCESSES IN LONG-TERM FERTILIZED EXPERIMENTS
15:20 – 15:30	Bianca POP, Larisa CORCOZ, Alexandra GHEORGHITĂ, Anca PLEȘA, Vlad STOIAN, Roxana VIDICAN	DYNAMICS OF FUNCTIONAL MICROBIOME IN POLLUTED SOIL AFTER ONE YEAR OF BIOREMEDIATION
15:30 – 15:40	MUHAMMAN MUSTAPHA ALHAJI, BADIYA ABUBAKAR UMAR	ENHANCING BARLEY (<i>Hordeum vulgare</i> L.) PRODUCTIVITY THROUGH OPTIMAL IRRIGATION AND VARIETY SELECTION IN NORTHERN NIGERIA'S COLD HARMATTAN PERIOD
15:40 – 16:00	<i>Discussions</i>	
16:00 – 16:30	<i>Coffee break – Ground Floor, Main Hall</i>	
16:30 – 17:30	<i>Posters display and viewing – Ground Floor, Main Hall</i>	
19:00 – 21:30	<i>Official Gala Dinner – Cultural Event (Ceres Restaurant, USAMV Campus)</i>	

FRIDAY, 6TH OF JUNE, 2025

*Building A - Faculty of Agriculture
Ground Floor, Aula Magna "Petre S. Aurelian"*

08:00 – 09:00	<i>Arrival and registration of participants – Ground Floor, Main Hall</i>
09:00 – 11:00	<i>Session 2 – Ground Floor, Aula Magna "Petre S. Aurelian"</i>
11:00 – 11:30	<i>Coffee break / Viewing posters and discussions – Ground Floor, Main Hall</i>
11:30 – 13:30	<i>Session 3 – Ground Floor, Aula Magna "Petre S. Aurelian"</i>
13:30 – 14:30	<i>Lunch – Ground Floor, Main Hall</i>
14:30 – 16:00	<i>Session 4 – Ground Floor, Aula Magna "Petre S. Aurelian"</i>
16:00 – 16:30	<i>Final Discussions and Concluding Remarks</i>

SESSION 2

Time: 09:00 – 11:00

*Building A - Faculty of Agriculture
Ground Floor, Aula Magna "Petre S. Aurelian"*

Session Moderators: *Prof. Dr. Viorel ION*
Assoc. Prof. Dr. Lenuța Iuliana EPURE

Time	Authors	Paper Title
09:00 – 09:10	Emil GEORGESCU, Maria TOADER, Lidia CANĂ, Elena PARTAL, Marius BORDEL, Mali Sanda MANOLE	THE WESTERN CORN ROOTWORM (<i>Diabrotica virgifera virgifera</i> Le Conte) POPULATION IS INCREASING IN THE SOUTHEAST OF ROMANIA
09:10 – 09:20	Cristina-Maria MOLDOVAN, Anca PLEȘA, Anamaria MĂLINAȘ, Loredana SUCIU, Roxana VIDICAN	YIELD AND PROTEIN CONTENT OF WINTER PEA (<i>Pisum sativum</i>) VARIETIES IN AN ORGANIC FARMING SYSTEM
09:20 – 09:30	Nesho NESHEV, Marina MARCHEVA	EVALUATION OF SOIL AND FOLIAR HERBICIDAL APPLICATIONS AT CAMELINA (<i>Camelina sativa</i> (L.) Crantz)
09:30 – 09:40	Boyka MALCHEVA, Rozalina KOLEVA, Bilyana GRIGOROVA-PESHEVA, Pavel PAVLOV	MICROBIOLOGICAL DIVERSITY AND CONTROL OF SOILS AND WATERS FROM FOREST AND AGRO- ECOSYSTEMS UNDER DIFFERENT HYDROTHERMAL SOIL REGIMES AND AS FACTORS FOR HIGH-QUALITY AND SAFE COMPOSTING
09:40 – 09:50	Eugen PETCU, Liliana VASILESCU, Viorel ION	INFLUENCE OF NITROGEN FERTILI- ZATION ON TWO-ROWED WINTER BARLEY GENOTYPES UNDER 2023-2024 YEAR IN SOUTHEAST OF ROMANIA
09:50 – 10:00	Valentina Ancuța STOIAN, Anamaria VÂTCĂ, Mădălina TRUȘCĂ, Vlad STOIAN, Alin Laviniu POPA, Alina TOȘA, Ștefania GÂDEA, Roxana VIDICAN, Florin PĂCURAR, Sorin VÂTCĂ	UNVEILING THE EFFECTS OF DROUGHT STRESS ON MAIZE HYBRIDS: CHANGES IN CHLOROPHYLL CONTENT, MORPHOLOGICAL TRAITS, AND SOIL-PLANT WATER DYNAMICS

Time	Authors	Paper Title
10:00 – 10:10	Katya UZUNDZHALIEVA, Veselina MASHEVA	STATUS OF THE MEDICINAL AND AROMATIC PLANTS COLLECTION IN THE NATIONAL GENE BANK OF BULGARIA
10:10 – 10:20	Claudiu-Denis FILIP, Mirela Ana COMAN	REGARDING TRANSFER FACTOR OF SOIL POLLUTION WITH HEAVY METALS IN SOIL-PLANT SYSTEM
10:20 – 10:30	Serginho CAKPO, Gabriel Dumitru MIHU, Tudor George AOSTĂCIOAEI, Cosmin GHELBERE, Cosmin MOLOCEA, Gerard JIȚĂREANU, Denis ȚOPA	SOIL PHYSICAL PROPERTIES, SPECTRAL RESPONSE AND YIELD OF THE SUNFLOWER UNDER DIFFERENT TILLAGE SYSTEMS AT EZARENI FARM, IASI COUNTY, ROMANIA
10:30 – 10:40	Loredana CRIȘAN, Vlad STOIAN, Larisa CORCOZ, Bianca POP, Alexandra GHEORGHITĂ, Anca PLEȘA, Roxana VIDICAN	THE FUNCTIONAL MICROBIAL PROFILE IN HEAVY METAL CONTAMINATED SOILS AFTER ONE AND A HALF YEAR OF BIOREMEDIATION
10:40 – 10:50	Alina TOȘA, Anamaria VÂTCĂ, Valentina Ancuța STOIAN, Vlad STOIAN, Mădălina TRUȘCĂ, Ștefania GÂDEA, Sorin VÂTCĂ	ASSESSING POTATO MORPHOLOGICAL AND PHYSIOLOGICAL TRAITS UNDER FERTILIZATION DURING THE FIRST YEAR OF FIELD ADAPTATION
10:50 – 11:00	<i>Discussions</i>	
11:00 – 11:30	<i>Coffee break - Ground Floor, Main Hall</i>	

SESSION 3

Time: 11:30 – 13:30

Building A - Faculty of Agriculture

Ground Floor, Aula Magna "Petre S. Aurelian"

Session Moderators: *Assoc. Prof. Dr. Nicoleta Alina UDROIU*
Lecturer Dr. Cristian Mihai ENESCU

Time	Authors	Paper Title
11:30 – 11:40	Roxana VIDICAN, Vlad STOIAN, Larisa CORCOZ, Anca PLEȘA, Bianca POP, Alexandra GHEORGHÎĂ	INCREASED ACTIVITY OF SPECIALIZED FUNCTIONAL MICROBIOMES IN HISTORICALLY POLLUTED SOILS AFTER BIOREMEDIATION
11:40– 11:50	Vlad STOIAN, Roxana VIDICAN, Larisa CORCOZ, Anca PLEȘA, Alexandra GHEORGHÎĂ, Bianca POP	DECREASE IN THE ACTIVITY OF SOIL FUNCTIONAL MICROBIOMES IN HEAVY METAL POLLUTED SOILS
11:50 – 12:00	Nicolaie IONESCU, Diana Maria POPESCU, Mariana Cristina NICOLAE, Cristina GHIORGHE, Maria Magdalena PODEA, Ilie Cătălin DINUȚĂ, Robert Marian GHEORGHE	NEW ASPECTS WITH WEED COMPETITION AND CONTROL FROM THE SUNFLOWER CROP
12:00 – 12:10	Simona MIHĂILESCU, Ioana VICOL, Marilena ONETE, Luiza-Silvia MIHAI, Tiberiu C. SAHLEAN	METHODOLOGY AND EVALUATION CRITERIA OF THE CONSERVATION STATUS OF GRASSLAND HABITATS OF COMMUNITY INTEREST IN ROMANIA
12:10 – 12:20	Elena MIHĂILĂ, Mihăiță BÎTCĂ, Adrian TUDORA, Dorina DRĂGAN, Elena ACHIM, Any Mary PETRIȚAN	PARTICULARITIES REGARDING THE TENDING OPERATIONS IN FOREST SHELTERBELTS
12:20 – 12:30	Georgiana-Roxana NICOARĂ, Florian-Paul BODESCU, Marilena ONETE, Simona MIHĂILESCU	POTENTIAL HABITAT PREDICTION FOR THE CURRENT DISTRIBUTION OF <i>Tozzia alpina</i> subsp. <i>carpathica</i> IN THE ROMANIAN CARPATHIANS

Time	Authors	Paper Title
12:30 – 12:40	Bogdan BODEA, Cristian Mihai ENESCU, Ruben BUDĂU, Adrian Ioan TIMOFTE	A COMPARATIVE STUDY ON THE EVOLUTION OF PLANTED BLACK PINE SAPLINGS ON THE STERILE DUMPS FROM RECEA ȘUNCUIUȘ QUARRY, BIHOR COUNTY
12:40 – 12:50	Hamad SAEED	EFFICACY OF BIOSTIMULANTS AGAINST CABBAGE STEM FLEA BEETLES IN WINTER OILSEED RAPE UNDER FIELD CONDITIONS IN THE UK
12:50 – 13:00	Murat GENCER, Mustafa GÖK	IMPACT OF DCD AND DMPP ON NITRIFICATION IN ALKALINE AND SILTY LOAM TEXTURED SOIL
13:00 – 13:10	Enkelejda KUCAJ, Sherif LUSHAJ, Marilda OSMANI	GEOSPATIAL MODELING AND REGIONAL ANALYSIS OF SOIL EROSION RISKS IN ALBANIA
13:10 – 13:20	Oana ABRUDAN (RADU), Camelia OROIAN, Claudia BALINT, Antonia ODAGIU	SURVEY ON SUSTAINABLE PROMOTION OF NUTRITIONAL STATUS OF CROPS
13:20 – 13:30	<i>Discussions</i>	
13:30 – 14:30	<i>Lunch – Ground Floor, Main Hall</i>	

SESSION 4

Time: 14:30 – 16:00

Building A - Faculty of Agriculture
Ground Floor, Aula Magna "Petre S. Aurelian"

Session Moderators: *Assoc. Prof. Dr. Maria TOADER*
 Lecturer Dr. Mihaela NICHITA

Time	Authors	Paper Title
14:30 – 14:40	Florin PĂCURAR, Ioan ROTAR, Roxana VIDICAN, Ioana VAIDA (GHEȚE), Anca PLEȘA, Vlad STOIAN, Liviu TOMOȘ, Alexandru GHEȚE	DENSITY-BASED ASSESSMENT OF <i>Adonis vernalis</i> ABUNDANCE IN NATIVE HABITATS
14:40– 14:50	Lucian RAUS, Diana BOLOHAN	ASSESSMENT OF THE EFFECTS OF SLOW-RELEASE FERTILIZERS APPLICATION OVER THE AMOUNT OF NITROGEN LEACHED AND OF THE DEVELOPMENT OF WINTER WHEAT PLANTS IN CONTROLLED CLIMATE CONDITIONS
14:50 – 15:00	Roxana CICEOI, Oana VENAT, Milena YORDANOVA, Rumen TOMOV, Oana Crina BUJOR NENITA	ENHANCING AGROECOLOGICAL TRANSITIONS THROUGH LIVING LABS IN EASTERN EUROPE
15:00 – 15:10	Arnela OKIC, Merim HALILOVIĆ, Emir BECIROVIC, Almira KONJIC, Jasmin GRAHIC	EVALUATION OF VIRUS DIVERSITY IN TRADITIONAL BOSNIAN- HERZEGOVINIAN APPLE CULTIVARS
15:10 – 15:20	Luca PATRUNO, Veronica SĂRĂȚEANU	ROLE ON THE PRODUCTIVITY AND NUTRACEUTICAL PROPERTIES OF CORN BY NITROGEN-FIXING AND PHOSPHORUS-SOLUBILIZING COMPONENT OF THE SOIL MICROBIOME

Time	Authors	Paper Title
15:20 – 15:30	Ana URSU, Geanina BIREESCU, Irina Gabriela CARA, Mariana RUSU, Denis ȚOPA, Gerard JITĂREANU	SOIL PHOSPHOMONOSESTERASES ACTIVITY AND PHOSPHORUS AVAILABILITY IN DIFFERENT TILLAGE SYSTEMS AND INOCULATIONS WITH <i>Bacillus megaterium</i> var. <i>Phosphaticum</i>
15:30 – 15:40	Abdullahi SALEM, Umar SALEH, Idris SANI ABUBAKAR	ASSESSMENT OF PHYSICAL, CHEMICAL AND MINERALOGICAL CHARACTERISTICS OF SOILS ACROSS TWO CROPPING SYSTEMS IN GOMBE STATE, NIGERIA
15:40 – 16:00	<i>Discussions</i>	
16:00 – 16:30	<i>Final Discussions and Concluding Remarks</i>	

POSTER SESSION

Time: 8:00 – 17:30

Building A - Ground Floor – Main Hall

Session Moderators: *Prof. Dr. Doru Ioan MARIN*
Prof. Dr. Mihai GÎDEA

No.	Authors	Paper Title
-----	---------	-------------

SOIL SCIENCES

Moderators: *Assoc. Prof. Dr. Marian MUȘAT*
Assistant Dr. Valentina Mihaela VASILE

- | | | |
|----|--|--|
| 1. | Sorin ANGHEL | ASSESSMENT OF HYDROCARBON CONTAMINATION USING GEOPHYSICAL METHODS AND ITS IMPACT ON SOIL QUALITY IN AGRICULTURAL CONTEXT |
| 2. | Mihaela BĂLAN,
Oana Alina NIȚU | STUDY ON LAND AFFECTED BY EROSION IN GORJ COUNTY |
| 3. | Andrei BĂNICĂ,
Doru Ioan MARIN | THE INFLUENCE OF TILLAGE METHODS AND FERTILIZATION ON SOME PRODUCTIVITY ELEMENTS IN GRAIN SORGHUM CULTURE IN THE CLIMATIC CONDITIONS OF THE SĂRĂȚENI-IALOMIȚA AREA |
| 4. | Jenica CĂLINA,
Aurel CĂLINA,
Marius MILUȚ | RESEARCH ON THE INVENTORY OF THE MAIN PHYSICAL-HYDRIC AND CHEMICAL PROPERTIES OF THE MOLLIC PSAMOSOL IN THE SOUTHERN AREA OF OLTENIA (LEFT OF THE JIU RIVER) |
| 5. | Jenica CĂLINA,
Aurel CĂLINA,
Alin CROITORU | STUDY ON THE ANALYSIS OF THE MAIN AGROPRODUCTIVE PROPERTIES OF THE EUTRIC PSAMOSOL IN DOLJ |
| 6. | Vedavyas Shivanand CHAVAN,
Thangadurai DEVARAJAN,
Sangeetha JEYABALAN,
Pavitra CHIPPALAKATTI,
Simran PANIGATTI,
Poojashree Nagappa KUMMUR,
Hanamanta DASAR, Smita SHINDE | SOIL QUALITY IN PADDY FIELDS OF COASTAL KARNATAKA, INDIA |

No.	Authors	Paper Title
7.	Felicia CHEȚAN, Cornel CHEȚAN, Teodor RUSU, Alina ȘIMON, Camelia URDĂ, Alin POPA, Marius BĂRDAȘ, Adrian CECLAN, Ioan GAGA	BEHAVIOR OF WHEAT UNDER DIFFERENT TILLAGE SYSTEMS IN THE PEDOCLIMATIC CONDITIONS OF THE TRANSYLVANIAN PLATEAU
8.	Marius Nicolae CIOBOATĂ, Dragomir BRUMAR, Cristian POPESCU, Cătălin Viorel POPESCU	DYNAMICS OF SOIL MOISTURE UNDER THE MAIN FIELD CROPS (WHEAT, MAIZE, SUNFLOWER, PASTURE) ON A CLAY-LOAM SOIL IN THE SOUTH-WEST OF ROMANIA
9.	Mihaela COSTEA, Nicoleta-Olimpia VRÎNCEANU, Dumitru-Marian MOTELICĂ, Veronica TĂNASE, Mirela-Alina SANDU, Costică CIONTU	COMPARATIVE STUDY OF THE BENTONITES AND NATURAL ZEOLITES CAPACITIES TO REDUCE THE BIOAVAILABILITY OF HEAVY METALS IN A CONTAMINATED SOIL
10.	Laura CRISTA, Alina LAȚO, Isidora RADULOV, Adina BERBECEA, Florin CRISTA	DYNAMICS OF IRON IN SOIL AND ITS INTERACTION WITH FERTILIZATION: IMPLICATIONS FOR PLANT NUTRITION AND GROWTH
11.	Ilie Cătălin DINUȚĂ, Maria Magdalena PODEA, Doru Ioan MARIN	THE BEHAVIOR OF WINTER WHEAT IN THE CONSERVATIVE TILLAGE SYSTEM UNDER THE CONDITIONS AT A.R.D.S. PITEȘTI-ALBOTA
12.	Sergiu DOBROJAN, Galina DOBROJAN, Victor MELNIC	ALGAL BIOFERTILIZERS FROM THE GENUS <i>Nostoc</i> : A SUSTAINABLE ALTERNATIVE FOR THE CULTIVATION OF <i>Echinaceae purpurea</i> L. IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
13.	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIPȘA, Eugen ULEA	RHIZOSPHERE MICROBIOTA PROFILES ACROSS DIFFERENT WINTER WHEAT CULTIVARS
14.	Petya GENKOVA, Manol DALLEV, Vera STEFANOVA	AGRONOMICALLY VALUABLE SOIL AGREGATS WITH INOVATIVE CULTIVATION TILLAGE
15.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Iulian JIGĂU	AGROGENETIC EVOLUTION OF ARABLE CHERONEZOMS IN THE AREA BETWEEN THE PRUT AND NISTER RIVER: STAGES, TRENDS

No.	Authors	Paper Title
16.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Iulian JIGĂU	LAWFUL ANATOMICAL TRANSFORMATION OF THE BASIC PHYSICAL PARAMETERS OF ARABLE CHERONEZH LAND IN THE AREA BETWEEN THE PRUT AND NISTER RIVER
17.	Alla KAZIUTA, Oleksandr KAZIUTA	BIOLOGICAL ACTIVITY OF A TYPICAL CHERNOZEM OF AGROCENOSIS
18.	Tamara LEAH, Nicolai LEAH, Vasile LUNGU	PHOSPHORUS BALANCE IN LONG-TERM EXPERIMENTS ON THE LEACHED CHERNOZEM WITH DIFFERENT FERTILIZATION SYSTEM
19.	Dragoș MANEA, Eugen MARIN, Dragoș-Nicolae DUMITRU, Alin HARABAGIU	RESEARCH ON THE REALIZATION AND OPTIMIZATION OF EQUIPMENT FOR SUSTAINABLE SOIL BIOREMEDIATION
20.	Katarina MATAN, Aleksandra BENSA, David DOMÍNGUEZ-VILLAR, Mirna ŠVOB, Kristina KRKLEC	CHARACTERISATION OF PEDOGENIC CARBONATES IN CALCOCAMBISOL AT A LOCATION IN THE DINARIC PART OF CROATIA
21.	Romina MAZĂRE, Mădălina IORDACHE	SEASONAL VARIATION OF SEVERAL SUSTAINABILITY INDICATORS IN AN SILVOARABLE ECOSYSTEM FROM ROMANIA
22.	Romina MAZĂRE, Mădălina IORDACHE	EARTHWORM CASTS AS INDICATORS OF SOIL SUSTAINABILITY IN A SILVOARABLE ECOSYSTEM FROM WESTERN ROMANIA
23.	Casiana MIHUȚ, Carmen DURĂU, Anișoara DUMA COPCEA, Nicoleta MATEOC-SÎRB, Antoanela COZMA, Daniela SCEDEI, Mihaela MOATĂR, Ramona ȘTEF, Lucian Dumitru NIȚĂ, Attila BLENESÎ, Adalbert OKROS, Vlad Dragoslav MIRCOV	THE IMPACT OF CLIMATE CHANGE IN THE MANAGEMENT OF SOIL RESOURCES

No.	Authors	Paper Title
24.	Marian MUȘAT, Valentina Mihaela VASILE, Costel DOLOCAN, Georgian ARGATU	STUDY ON LAND SUITABILITY IN BUCU AREA, IALOMITA COUNTY, FOR FORESTRY USE
25.	Marian MUȘAT, Valentina Mihaela VASILE, Costel DOLOCAN, Georgian ARGATU	SUITABILITY OF LAND FOR FORESTRY USE IN GALATI COUNTY, TECUCI- MATCA AREA
26.	Lucian Dumitru NIȚĂ, Simona NIȚĂ, Karel Iaroslav LAȚO, Anișoara Duma COPCEA, Ioana Alina HÎNDA, Alina LAȚO	SUSTAINABLE USE AND MANAGEMENT OF SOIL RESOURCES IN THE ALMAJ VALLEY AREA, COUNTY CARAȘ- SEVERIN
27.	Dragoș Răzvan OROIAN, Petru BURDUHOS, Ioan OROIAN, Ioan PĂCURAR	SOIL NUTRITIONAL STATUS FUNCTION OF BIOMASS HARVESTING IN ORTHWESTERN ROMANIA
28.	Simran PANIGATTI, Thangadurai DEVARAJAN, Sangeetha JEYABALAN, Poojashree Nagappa KUMMUR, Smita SHINDE	MORPHOLOGICAL IDENTIFICATION AND BIOCHEMICAL ANALYSIS OF RHIZOBACTERIAL DIVERSITY IN CHILLI AND THEIR ANTAGONISTIC ACTIVITY AGAINST <i>Colletotrichum jasminigenum</i> SPTD17
29.	Florența PARASCHIV (JAFRI), Mihaela COSTEA, Nicoleta-Olimpia VRÎNCEANU, Veronica TĂNASE	IMPACT OF DIGESTATE AND COMPOST APPLICATIONS ON SOIL CHEMICAL CHARACTERISTICS AND METALS AVAILABILITY IN A CONTAMINATED SOIL
30.	Georgiana PLOPEANU, Nicoleta VRÎNCEANU, Mariana ROZSNYAI, Vera CARABULEA, Bogdan OPREA, Mihaela COSTEA, Dumitru Marian MOTELICĂ	CORRELATION BETWEEN HEAVY METALS IN SOIL AND <i>Lotus corniculatus</i> IN A STUDY ACHIEVED IN COPȘA MICĂ
31.	Bianca-Anamaria POPA, Mircea MIHALACHE	RESEARCH ON THE INFLUENCE OF ORGANIC AND MINERAL FERTILIZATION ON THE PHYSICAL PROPERTIES OF THE SOIL IN COVASNA COUNTY

No.	Authors	Paper Title
32.	Cristian POPESCU	THE ALLUVIAL SOLS OF THE LOWER JIU FLOODPLAIN AND THEIR MAIN AGROPRODUCTIVE PROPERTIES
33.	Maxim POPIRNY, Yevhen SKRYLNYK, Svitlana KRYLACH, Angela KUTOVA, Oleksii SHOVKUN	EVALUATION OF TRANSFORMATION OF THE QUALITY COMPOSITION OF ORGANIC MATTER AND PARTICLES SIZE DISTRIBUTION OF SOLUTION OF HUMIC ACID OF SODDY-PODZOLIC SOIL AFTER LONG-TERM APPLICATION OF VARIOUS FERTILIZATION SYSTEMS
34.	Ivan PRYMAK, Mykola GRABOVSKYI, Yriy FEDORUK, Nataliia PRYSIAZHNIUK, Mykola LOZINSKYI, Mykhailo VOITOVYK, Vitalina KARaulNA, Lyudmyla YEZERKOVSKA, Igor POKOTYLO	MICROBIOLOGICAL AND ENZYMATIC ACTIVITY OF TYPICAL CHERNOZEM UNDER DIFFERENT TILLAGE AND FERTILIZATION SYSTEMS
35.	Larisa Elena RÎPA (TOPÂRCEANU), Viorel GHIORȚAN, Georgeta GUȚĂ, Leonard ILIE	IDENTIFICATION AND CHARACTERIZATION OF SOIL RESOURCES SPECIFIC TO THE FLOODPLAIN AREA OF ROȘEȚI COMMUNE, CĂLĂRAȘI COUNTY
36.	Larisa Elena RÎPA (TOPÂRCEANU), Ion STOIAN, Mirela AVRAM, Leonard ILIE	RESEARCH ON THE EVALUATION OF SOIL RESOURCES SPECIFIC TO THE TERRACE AND FLOODPLAIN AREAS OF ROȘEȚI COMMUNE, CĂLĂRAȘI COUNTY
37.	Gheorghe ROGOBETE, Adia GROZAV	DEGRADED LANDS IN THE ABANDONED RICE FIELDS FROM BANAT REGION CASE STUDY: DEGRADED SOILS IMPROVEMENT OF BEREGSĂU SETTLEMENT - COMTIM
38.	Alexandru RUSU, Tamara LEAH	THE TECHNOLOGIC PROCEDURES OF UTILIZING STRAW SURPLUSES AS FERTILIZER ON THE CHERNOZEMIC SOILS

No.	Authors	Paper Title
39.	Veronica TĂNASE, Nicoleta Olimpia VRÎNCEANU, Mihaela PREDA, Mihaela COSTEA, Patrick URSAN	ASSESSMENT OF MICRO AND MACROELEMENTS UPTAKE IN MAIZE PLANTS IN RESPONSE TO DIFFERENT NITROGEN AND PHOSPHORUS FERTILIZATION RATES

CROP SCIENCES

Moderators: *Assoc. Prof. Dr. Adrian Gheorghe BĂȘA*
Lecturer Dr. Ana Maria STANCIU

- | | | |
|----|--|--|
| 1. | Lorena ADAM,
Manuela HERMEZIU,
Viorel ION | EFFECTS OF SOME BIOSTIMULATORS AT
TWO POTATO CULTIVARS CULTIVATED
AT DIFFERENT PLANT DENSITIES |
| 2. | Nicolae Alexandru ANDREESCU,
Doru Ioan MARIN | <i>Zea mays</i> : MORPHOLOGY OF TASSEL
COMPONENTS THAT CAN INFLUENCE
THE AMOUNT OF POLLEN |
| 3. | Teodora ANGELOVA,
Hristina NEDEVA,
Evgeniy DIMITROV,
Rangel DRAGOV, Zlatina UHR,
Blagoy ANDONOV | INFLUENCE OF CHANGING CLIMATIC
CONDITIONS ON THE QUALITY TRAITS
OF COMMON WINTER WHEAT GROWN
IN THE PAZARDZHIC REGION |
| 4. | Arina Oana ANTOCE | PEA PROTEINS AS AN ALTERNATIVE TO
PROTEINS OF ANIMAL ORIGIN FOR
WINE CLARIFICATION – A MINIREVIEW |
| 5. | Florin Gabriel ANTON,
Maria JOIȚA-PĂCUREANU,
Laura CONTESCU,
Mihaela CERGAN,
Elena PARTAL, Sabina PINTILIA | SUNFLOWER PRODUCTION OF SOME
GENOTYPES IN YEARS 2022, 2023 AND
2024, IN ROMANIA |
| 6. | Albert AVARVAREI,
Maria TOADER,
Viorel ION | TILLAGE AND NITROGEN RATE EFFECTS
ON MAIZE GRAIN YIELD IN THE
SPECIFIC CONDITIONS FROM DANUBE
MEADOW |
| 7. | Albert AVARVAREI,
Maria TOADER,
Viorel ION | EFFECTS OF TILLAGE AND NITROGEN
RATE ON SUNFLOWER IN THE SPECIFIC
CONDITIONS FROM DANUBE MEADOW |

No.	Authors	Paper Title
8.	Roxana BĂLĂȘOIU (JIGĂU), Ilinca IMBREA, Laura ȘMULEAC, Diana OBISTIOIU, Ana-Mariana DÎNCU, Raul PASCALAU, Florin IMBREA	THE IMPACT OF PEDOCLIMATIC CONDITIONS ON THE PRODUCTION OF ESSENTIAL OIL AND LAVENDER HYDROLATE
9.	Roxana BĂLĂȘOIU (JIGĂU), Ilinca IMBREA, Laura ȘMULEAC, Anca HULEA, Raul PASCALAU, Lucian Dumitru NIȚĂ, Florin IMBREA	RESEARCH REGARDING THE AMOUNT OF FLOWERS AND AERIAL PARTS OF LAVENDER ACCORDING TO PEDOCLIMATIC CONDITIONS
10.	Teodora BARAKOVA	AFTEREFFECT OF THE HERBICIDE ENVOKE ON THE ROOT WEIGHT AND THE SPROUT WEIGHT OF COTTON SEEDS (<i>Gossypium hirsutum</i> L.)
11.	Nina BĂRĂSCU, Manuela HERMEZIU, Anca-Camelia URDĂ, Lorena ADAM	INFLUENCE OF CLIMATIC CONDITIONS ON POTATO TUBERS QUALITY
12.	Tatyana BILEVA, Nadezhda PETKOVA, Ekaterina VALCHEVA, Ivan IVANOV Plamen ZOROVSKI, Selçuk ASLAN	ENOLIC COMPOUNDS AND ANTIOXIDANT ACTIVITY IN IRONWORT (<i>Sideritis syriaca</i> L.) FROM STRANDZHA MOUNTAIN
13.	Lucian - Florin BOTOȘ, Ioana-Alina HÎNDA, Florin IMBREA, Simona NIȚĂ, Lucian Dumitru NIȚĂ, Stefan-Laurențiu BĂTRÎNA	MODERN MAIZE CULTIVATION TECHNOLOGIES IN THE CONTEXT OF CLIMATIC CHALLENGES
14.	Marian BRĂILĂ, Daniela TRIFAN, Alin Ionel GHIORGHE, Mircea MIHALACHE	STUDIES ON THE ADAPTABILITY OF SOME ROMANIAN VARIETIES OF AUTUMN WHEAT TO THE CURRENT CLIMATE CHANGES IN NORTHERN BĂRĂGAN
15.	Gabriela BUTNARIU, Monica Luminița BADEA, Adina NICHITA, Doru Ioan MARIN	REVIEW ON FERTILIZER IN ORGANIC PRODUCTION OF <i>Lavandula angustifolia</i> Mill. SPECIES

No.	Authors	Paper Title
16.	Ciprian BUZNA, Anca PANDA, Alina Laura AGAPIE, Luana SABO, Petru RAIN, Florin SALA	VARIATION IN CBDA AND CBD CONTENT IN SOME INDUSTRIAL HEMP GENOTYPES
17.	Mariana CALARA, Creola BREZEANU, Claudia BALAITA, Carmina Mihaela BENCHEA, Petre Marian BREZEANU, Dan Ioan AVASILOAIEI	EXPLORING MORPHOLOGICAL VARIABILITY IN CHICKPEA CULTIVATION
18.	Mihaela CERGAN, Elena PARTAL, Gheorghe MATURARU, Mirela PARASCHIVU, Călin SĂLCEANU	THE IMPACT OF HERBICIDE TREATMENTS IN THE CONTROL OF WEED SPECIES PRESENT IN THE MAIZE CROP IN THE PEDOCLIMATIC CONDITIONS AT NARDI FUNDULEA
19.	Valentin-Marius CIONTU, Marga GRĂDILĂ, Daniel JALOBĂ, Mihai GÎDEA	INFLUENCE OF TILLAGE AND VARIETY ON YIELD AND QUALITY OF CHICKPEA CROP ON THE REDDISH PRELUVOSOL FROM MOARA DOMNEASCĂ, ROMANIA
20.	Natalia CÎRLIG, Elena IURCU- STRĂISTARU, Victor ȚÎȚEI Ana GUȚU, Lilea ȘARGU, Mihail GADIBADI	COMPARATIVE STUDY OF THE INVASIVE ENTOMOFAUNA ASSOCIATED TO THE SPECIES <i>Phaseolus vulgaris</i> L. AND <i>Glycine max</i> (L.) Merr ON EXPERIMENTAL PLOTS IN THE "ALEXANDRU CIUBOTARU" NATIONAL BOTANICAL GARDEN (INSTITUTE), REPUBLIC OF MOLDOVA
21.	Natalia CÎRLIG	SOME ASTERACEAE SPECIES (<i>Asteraceae martinov</i>) IN THE COLLECTION OF "ALEXANDRU CIUBOTARU" NATIONAL BOTANICAL GARDEN (INSTITUTE) AS POTENTIAL HONEY PLANTS
22.	Daniel-Nicolae COJANU, Maria-Cristina LUMÎNARE, Oana Alina BOIU-SICUIA, Lavinia Diana Nicoleta BUTURUGA-BARBU, Carmen Mihaela BOTEA, Călina Petruța CORNEA	SUSTAINABLE POTATO PEST AND DISEASE MANAGEMENT: GLOBAL INNOVATIVE PRACTICES WITH A FOCUS ON ROMANIA

No.	Authors	Paper Title
23.	Simona COMAN, Lizica SZILAGYI, Costica CIONTU	BREAKING CYTOPLASMIC MALE STERILITY IN INBRED CORN LINES (<i>Zea mays</i> L.): A REVIEW
24.	Maricica COLȚUN, Alina BOGDAN	BIOMORPHOLOGICAL AND PHYTOCHEMICAL STUDY OF SOME PROMISING AROMATIC PLANT SPECIES FROM THE <i>Lamiaceae</i> FAMILY INTRODUCED IN THE REPUBLIC OF MOLDOVA
25.	Bogdan COZMA, Ștefan Laurențiu BĂTRÎNA, Denisa HETEA, Florin CRISTA, Antoanela COZMA, Ilinca IMBREA, Florin IMBREA	BEHAVIOR OF AN ASSORTMENT OF SPRING OAT VARIETIES DEPENDING ON THE LEVEL OF MINERAL FERTILIZATION AND SOWING
26.	Vanya DELIBALTOVA	EVALUATION OF QUANTITATIVE AND QUALITATIVE INDICATORS IN MAIZE HYBRIDS (<i>Zea mays</i> L.) CULTIVATED IN NORTH-EASTERN OF BULGARIA
27.	Gergana DESHEVA, Manol DESHEV, Evgeniya VALCHINOVA, Albena PENCHEVA, Bozhidar KYOSEV	SCREENING OF BARBED GOATGRASS (<i>Aegilops triuncialis</i> L.) FOR NaCl SALINITY STRESS AT GERMINATION AND EARLY STAGES OF PLANT GROWTH
28.	Evgeniy DIMITROV, Hristina NEDEVA, Rangel DRAGOV, Teodora ANGELOVA, Zlatina UHR, Blagoy ANDONOV	YIELD STABILITY AND ITS ELEMENTS IN COMMON WINTER WHEAT VARIETIES UNDER PAZARDZHIC REGION CONDITIONS
29.	Andrii DONETS, Tetiana MARCHENKO, Yurii LAVRYNENKO, Olena PILIARSKA, Valerii PILIARSKYI, Oleksandr NETREBA, Serhii MISHCHENKO, Veronika MARCHENKO, Yevhenii DOMARATSKYI	TECHNOLOGIES FOR GROWING MAIZE IN REPEATED AND CONTINUOUS CROPS UNDER IRRIGATION

No.	Authors	Paper Title
30.	Rangel DRAGOV, Krasimira TANEVA, Boryana HADZHIIVANOVA, Maria VIDEVA, Boyana TODOROVA, Rositsa CHOLAKOVA	GENETIC NATURE OF QUANTITATIVE TRAITS IN DURUM WHEAT
31.	Rangel DRAGOV, Krasimira TANEVA, Boryana HADZHIIVANOVA, Maria VIDEVA, Boyana TODOROVA, Rositsa CHOLAKOVA	GRAPHICAL DIALLEL ANALYSIS FOR QUANTITATIVE TRAITS IN DURUM WHEAT
32.	Olesia DROBIT, Anatoly VLASHCHUK, Nataliia VALENTIUK, Tetiana MARCHENKO, Sergii PATYK, Hennadii IVANOV	PECULIARITIES OF GROWTH AND DEVELOPMENT OF LEGUMINOUS FODDER GRASSES IN THE SOUTH OF UKRAINE
33.	Marina DRUMEVA-YONCHEVA, Neli KERANOVA, Yonko YONCHEV	EVALUATION OF NEW VIRGINIA TOBACCO GENOTYPES FOR YIELD, MORPHOLOGICAL AND CHEMICAL TRAITS
34.	Carmen Claudia DURĂU, Codruța CHIȘ, Nicolae Marinel HORABLAGA, Christianna Maria ISTRATE - SCHILLER, Casiana Doina MIHUȚ, Vlad Dragoslav MIRCOV, Anișoara Claudia DUMA COPCEA, Daniela SCEDEI	THE QUALITATIVE POTENTIAL OF SOME GRASS-LEGUME MIXTURES FOR FEED. CASE OF STUDY
35.	Elena Mirela DUȘA, Ana Maria STANCIU, Mihaela VASILE, Vasilica STAN	STUDY REGARDING THE MAIZE PRODUCTIVITY IN RESPONSE TO SHORT-TERM APPLICATION OF ORGANIC AND MINERAL FERTILIZERS IN A SOUTHEASTERN AREA OF ROMANIA
36.	Stanimir ENCHEV, Velimir DONCHEV	COMPARATIVE TESTING OF SORGHUM, SUDANGRASS AND MAIZE SOWN AS A SECOND CROP AFTER WHEAT AND FALLOW PREDECESSORS

No.	Authors	Paper Title
37.	Viorel FĂTU, Laura ȘOPTERIAN, Luxița RÎȘNOVEANU, Mihaela Monica DINU, Ana-Cristina FĂTU	EFFICACY OF BIOLOGICAL AND CHEMICAL SEED TREATMENTS FOR SUSTAINABLE MAIZE CROP PROTECTION
38.	Adrian FILIP, Niculae DINCĂ, Ana-Maria STANCIU, Gabriela-Cristina MANTEA, Daniel DUNEA	ON THE GROWTH AND DEVELOPMENT PROCESS OF GRASS MIXTURES AND LEGUMES FOR RIPARIAN GRASSLAND RENOVATION
39.	Oleksandra FILITSKA, Mykola LOZINSKYI, Mykola GRABOVSKYI, Halyna USTYNOVA, Maiia SAMOILYK, Yurii FEDORUK, Anatolii YURCHENKO, Yuliia KUMANSKA	HEREDITY OF MAIN EAR GRAIN WEIGHT IN F ₁ OF SOFT WINTER WHEAT ACCORDING TO GENOTYPE OF INITIAL FORMS AND HYDROTHERMAL CONDITIONS OF THE YEAR
40.	Vasile FOLEA, Adrian TEBAN, Beatrice IACOMI, Emil GEORGESCU, Stelica CRISTEA	RESEARCH REGARDING EFFICACY OF FENPICOXAMID TREATMENT IN THE CONTROL OF SOME PATHOGENS IN WINTER WHEAT
41.	Rumyana GEORGIEVA	MANAGEMENT PRACTICES INFLUENCE THE NATURAL ARBUSCULAR MYCORRHIZAE COMMUNITY OF MAIZE
42.	Robert Marian GHEORGHE, Cristina GHIORGHE	THE INFLUENCE OF BIOTIC FACTORS ON THE PRODUCTION AND QUALITY OF SOME NEW WHEAT LINES IN THE 2023-2024 AGRICULTURAL YEAR
43.	Alin Ionel GHIORGHE, Daniela TRIFAN, Emanuela LUNGU, Ioana Andreea GORGOVAN, Marian BRĂILĂ, Luxița RÎȘNOVEANU, Gabriela Alina CIOROMELE, Nicoleta AXINTI, Andreea CHIRIAC	RESEARCH ON MAIZE YIELD POTENTIAL BY MATURITY GROUP UNDER CONDITIONS AT ARDS BRAILA

No.	Authors	Paper Title
44.	Gabriela GORINOIU, Marinel Nicolae HORABLAGA, Alina Laura AGAPIE, Petru RAIN, Cerasela PETOLESCU, Florin SALA	GLUTEN AND PROTEIN CONTENT IN WHEAT GENOTYPES – COMPARATIVE ANALYSIS
45.	Galina GOSPODINOVA	STUDY OF THE COTTON VARIETY IZABELL WITH NATURAL COLORED FIBER UNDER NITROGEN FERTILIZATION AND IRRIGATION
46.	Ioana GROZEA, Diana-Maria PURICE, Ramona ȘTEF, Alin CARABET, Adrian GROZEA, Ana-Maria VIRTEIU	INTEGRATION AND FUNCTIONALITY OF IPM STRATEGIES FOCUSING ON INSECT PESTS IN VARIOUS CROPS
47.	Mariana HANCZIG, Anca HULEA, Florin IMBREA, Georgeta POP, Diana OBIȘTIOIU, Alina NEACȘU, Ilinca Merima IMBREA	EVALUATION OF THE ANTIMICROBIAL ACTIVITY OF ORIGANUM VULGARE L. ESSENTIAL OIL AND ITS POTENTIAL APPLICATIONS IN PLANT PROTECTION
48.	Florența-Elena HELEPCIUC, Leonard-Alexandru DUMITRU, Alina Gabriela TURCU, Alexandra Gabriela CIOCAN, Daniel CRISTINA, Matilda CIUCĂ, Elena PETCU, Cătălin LAZĂR, Elena Monica MITOI	WHEAT FLAG LEAF MORPHOANATOMICAL CHARACTERISTICS AND GRAIN YIELD COMPONENTS UNDER FIELD CONDITIONS
49.	Manuela HERMEZIU, Lorena ADAM	IMPACT OF WEATHER PARAMETERS AND THE FUNGICIDE SPRAYING PROGRAM ON THE LATE BLIGHT (<i>Phytophthora infestans</i>) OF POTATO IN BRASOV AREA
50.	Denisa Cristiana HETEA, Georgeta POP, Lucian BOTOȘ, Gheorghe DAVID, Ștefan Laurențiu BĂTRÎNA, Piotr PRUS, Florin IMBREA	ASSESSMENT OF WET GLUTEN CONTENT BASED ON THE INTERACTION BETWEEN NITROGEN LEVEL OF FERTILIZATION AND WINTER WHEAT VARIETY CULTIVATED AT DUDEȘTII NOI, AN IMPORTANT AGRICULTURAL AREA OF ROMANIA

No.	Authors	Paper Title
51.	Denisa Cristiana HETEA, Simona NIȚĂ, Ștefan Laurențiu BĂTRÎNA, Ioana Alina HÎNDA, Piotr PRUS, Florin IMBREA	STUDY REGARDING THE INFLUENCE OF NITRIC, AMMONIACAL NITROGEN FERTILIZATION AND VARIETY ON WINTER WHEAT (<i>Triticum aestivum</i> L.) PROTEIN CONTENT
52.	Ioana-Alina HÎNDA, Florin IMBREA, Simona NIȚĂ, Lucian BOTOȘ, Georgeta POP, Ștefan Laurențiu BĂTRÎNA	<i>Carthamus tinctorius</i> L. – A SPECIES WITH POTENTIAL FOR EXPANDING CULTIVATED AREAS
53.	Ion Nele IACOB, Cătălin Aurelian ROȘCULETE, Ramona Aida PĂUNESCU, Elena BONCIU	RESEARCH ON THE RESPONSE TO PROLONGED DROUGHT OF AN ASSORTMENT OF WHEAT VARIETIES, THROUGH THE RATE OF WATER LOSS FROM THE FLAG LEAF, ON THE CHERNOZEM OF CARACAL
54.	Denisia-Mihaela IACOBUT, Andreea-Sabina PINTILIE, Simona-Florina ISTICIOAIA, Cosmin-Alexandru MURARU, Paula-Lucelia PINTILIE, Alexandra LEONTE, Lorena-Diana POPA, Doru STANCIU	RESEARCH ON THE ADAPTATION OF TRITICALE VARIETIES TO DIFFERENT FERTILIZATION SYSTEMS IN THE CONTEXT OF CLIMATE CHANGE IN CENTRAL MOLDOVA
55.	Ilinca Merima IMBREA, Rodica BEICU, Sorina POPESCU, Georgeta POP, Alina NEACȘU, Anca HULEA, Mariana HANCZIG, Mihai HERBEI	VARIABILITY OF MORPHOLOGICAL TRAITS IN ROMANIAN WILD THYME POPULATIONS
56.	Rada ISTRATE, Cristinel Relu ZALĂ, Mali-Sanda MANOLE	MONITORING OF <i>Rhagoletis cerasi</i> WITH THE HELP OF DECIS TRAP TRAPS AND MONILIOSIS IN THE CHERRY ORCHARD FROM USAMV BUCHAREST
57.	Elena IURCU-STRAISTARU, Alexei BIVOL, Natalia CÎRLIG, Ștefan RUSU	RESULTS OF THE COMPARATIVE RESEARCH ON DISEASES ASSOCIATED WITH INVASIVE NEMATODES IN MAIZE PLANTATIONS UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

No.	Authors	Paper Title
58.	Elena IURCU-STRĂISTARU, Alexei BIVOL, Ștefan RUSU, Natalia CÎRLIG	PARASITIC NEMATOFUNA IN PEA CROPS (<i>Pisum sativum</i> L.) UNDER THE IMPACT OF THE UNSTABLE ENVIRONMENTAL CONDITIONS OF THE REPUBLIC OF MOLDOVA
59.	Raul Cristian JURCUȚ, Florin IMBREA, Stefan Laurențiu BĂTRÎNA, Lucian BOTOȘ	THE IMPACT OF NITROGEN FERTILIZATION ON THE PRODUCTIVITY OF SOYBEAN CROPS IN SOUTHERN AND CENTRAL ROMANIA IN THE CONTEXT OF CLIMATE CHANGE
60.	Mykola KHARYTONOV, Mariia BAHORKA, Oleksandr MYTSYK, Yuriy TKALICH, Svitlana LEMISHKO	BARLEY PRODUCTIVITY, MACRO AND MICROELEMENTS CONSUMPTION WITH BIOMASS IN ERODED ARABLE AND VIRGIN SOIL IN THE STEPPE ZONE OF UKRAINE
61.	Lilyana KOLEVA, Georgi DIMITROV	EFFECT OF LEGUME-BARLEY INTERCROPPING ON POPULATION DYNAMICS OF CEREAL APHIDS IN DIFFERENT BARLEY VARIETIES
62.	Poojashree Nagappa KUMMUR, Devarajan THANGADURAI, Jeyabalan SANGEETHA, Simran PANIGATTI, Smita SHINDE	MORPHOLOGICAL VARIATION IN <i>Hemileia vastatrix</i> CAUSING COFFEE LEAF RUST FROM COFFEE GROWING REGIONS IN SOUTHERN KARNATAKA, INDIA
63.	Alexandra LEONTE, Simona Florina ISTICIOAIA, Sabina PINTILIE, Lorena Diana POPA, Doru STANCIU, Paula PINTILIE, Adina Cătălina DRUTU, Nicoleta VRÎNCEANU	RESEARCH ON THE IMPACT OF NITROGEN AND PHOSPHORUS FERTILIZERS ON WINTER WHEAT YIELD AND QUALITY UNDER THE PEDOCLIMATIC CONDITIONS OF CENTRAL MOLDOVA
64.	Lubov PLESCUTA, Galina GOSPODINOVA	DAMEANOR OF YIELD STRUCTURE OF DARMI VARIETY UNDER TWO SOIL TYPES AND THE SAME LEVELS OF MINERAL FERTILIZATION IN PERIOD 2012-2020
65.	Galina LUPAȘCU, Nadejda MIHNEA, Nicolae CRISTEA, Svetlana GAVZER	INFLUENCE OF TEMPERATURE ON COMMON WHEAT – <i>Fusarium culmorum</i> (W.G. SMITH) SACCARDO INTERACTIONS

No.	Authors	Paper Title
66.	Elena LUTCAN, Raisa IVANOVA, Ala BOROVSKAIA, Dina ELISOVETCAIA	EFFECT OF BIODEGRADABLE COMPOSITION FOR SEED COATING ON EARLY STAGE OF CORN GROWTH
67.	Svetlana MANHART, Vanya DELIBALTOVA, Manol DALLEV, Dimitrinka KUZMANOVA, Ilian ZHELJAZKOV	AGRONOMIC EVALUATION OF COMMON WHEAT VARIETIES FOR PRODUCTIVITY AND QUALITY CHARACTERISTICS
68.	Maria-Alexandra MARIN, Beatrice Michaela IACOMI, Emil GEORGESCU, Stelica CRISTEA	RESEARCH ON MICROBIOTA ASSOCIATED WITH SUNFLOWER SEEDS
69.	Cristina Mihaela MARINCIU, Cătălin LAZĂR, Gabriela ȘERBAN, Mihai TILIHAI, Gabriela PĂUNESCU, Cecilia BĂNĂȚEANU, Beniamin-Emanuel ANDRAȘ, Cristina MELUCĂ, Iustina LOBONTIU, Zsuzsa DOMOKOȘ, Simona Florina ISTICIOAIA, Andreea Sabina PINTILIE, Andreea ENEA, Emanuela LUNGU, Cornelia TICAN, Nicolae N. SĂULESCU	INFLUENCE OF ENVIRONMENTAL CONDITIONS ON RHEOLOGICAL PARAMETERS IN SEVERAL ROMANIAN WINTER WHEAT VARIETIES RELEASED BY NARDI FUNDULEA
70.	Cristina MELUCĂ, Rodica STURZU	PHENOTYPIC VARIABILITY OF COMPONENTS OF PRODUCTION IN WHEAT (<i>Triticum aestivum</i> L.), UNDER THE CONDITIONS OF THE SOUTH OF THE COUNTRY
71.	Mihaela METODIEVA	COMPETITIVE RELATIONSHIPS BETWEEN WEEDS AND <i>Sorghum bicolor</i> L. GROWN BY IGROWTH® TECHNOLOGY
72.	Oana MÎRZAN, Alexandra Andreea BUBURUZ, Margareta NAIE, Doru STANCIU, Mihai STAVARACHE	RESEARCH ON THE BIOLOGY AND PRODUCTIVITY OF THE <i>Carthamus</i> <i>tinctorius</i> L. SPECIES IN THE CLIMATE CONDITIONS OF CENTRAL MOLDOVA

No.	Authors	Paper Title
73.	Florin MOCANU, Alin-Ionel GHIORGHE, Valentin-Marius CIONTU, Beniamin-Emanuel ANDRAȘ	TESTING OF SOME HYBRIDS OF SWEET SORGHUM AND SORGHUM X SUDAN GRASS AT BRĂILA AGRICULTURAL RESEARCH AND DEVELOPMENT STATION
74.	Cosmin Alexandru MURARU, Simona Florina ISTICIOAIA, Denisia Mihaela IACOBUT, Andreea Sabina PINTILIE, Alexandra LEONTE, Doru STANCIU, Paula Lucelia PINTILIE, Lorena Diana POPA, Lorena ADAM, Gheorghe MATEI, Valentin VLĂDUȚ	RESEARCH ON THE INFLUENCE OF SOWING TIME ON SUGAR BEET PRODUCTION IN THE CONTEXT OF CLIMATE CHANGE IN CENTRAL MOLDOVA
75.	Denisa Florența MURTAZA (FLOREA), Cătălin Aurelian ROȘCULETE, Liliana CIULU, Aurel Liviu OLARU, Elena ROȘCULETE	RESEARCH ON THE INFLUENCE OF FOLIAR FERTILIZER TREATMENT ON THE YIELD OF DIFFERENT WINTER WHEAT VARIETIES DEPENDING ON WATER SUPPLY LEVELS, ON CHERNOZEM
76.	Anyo MITKOV	APPLICATION OF FOLIAR HERBICIDES FOR SOME DICOTYLEDONOUS WEEDS CONTROL IN <i>Triticum aestivum</i> L.
77.	Razvan Claudiu NAGHIU, Ștefan Laurențiu BĂTRÎNA, Lucian Florin BOTOȘ, Simona NIȚA, Ilinca Merima IMBREA, Ioana Alina HÎNDA, Florin IMBREA	INFLUENCE OF CLIMATIC CONDITIONS, VARIETY AND SOWING DENSITY ON WHEAT PRODUCTION AND QUALITY
78.	Margareta NAIE, Oana MÎRZAN, Alexandra-Andreea BUBURUZ, Doru STANCIU, Mihai STAVARACHE, Mihaela POPA, Marcela Mirela Mihaela DRAGOȘ	THE EFFECTS OF WATER DEFICIT AND AIR TEMPERATURE ON SEED PRODUCTION OF ALFAALFA (<i>Medicago sativa</i> L.) UNDER THE CONDITIONS OF ARDS SECUIENI, NEAMȚ
79.	Nicușor NĂSTASE, Stefana JURCOANE, Beatrice IACOMI, Stelica CRISTEA	EVALUATION OF THE DOWNY MILDEW ATTACK (<i>Peronospora camelinae</i>) IN CAMELINA (<i>Camelina sativa</i> (L.) CRTZ.) DURING 2023–2024, DRACEA, TELEORMAN COUNTY

No.	Authors	Paper Title
80.	Simona NIȚĂ, Ilinca Merima IMBREA, Lucian Dumitru NIȚĂ, Ioana Alina HÎNDA, Ștefan Laurențiu BĂTRÎNA, Denisa Cristiana HETEA, Lucian BOTOȘ	INVESTIGATING THE IMPACT OF SPECIFIC TECHNOLOGIES ON THE PRODUCTION AND QUALITY OF THE AUTUMN BARLEY CROP
81.	Gabriela OPREA (BUTNARIU), Monica Luminița BADEA, Adina NICHITA, Doru Ioan MARIN	RESEARCH ON THE INFLUENCE OF FERTILIZATION ON <i>Lavandula angustifolia</i> MILL. SPECIES IN THE ORGANIC CULTURE OF THE BUFTEA AREA (ILFOV)
82.	Elena PARTAL, Elena Laura CONTESCU	INFLUENCE OF SOWING TIME ON THE PRODUCTION AND PRODUCTIVITY ELEMENTS OF WINTER WHEAT IN SOUTHERN ROMANIA
83.	Victor PETCU, Liliana VASILESCU, Georgeta TRAȘCĂ, Maria Magdalena PODEA, Monica TANC	THE PERFORMANCE OF SOME BARLEY GENOTYPES UNDER ORGANIC AND DIFFERENT PEDOCLIMATIC CONDITIONS
84.	Nataliya PETROVSKA, Emil VASILEV, Viliana VASILEVA	EFFECT OF METEOROLOGICAL CONDITIONS ON THE PRODUCTIVITY OF MAIZE HYBRIDS OF DIFFERENT MATURITY GROUPS
85.	Andreea-Sabina PINTILIE, Denisia-Mihaela IACOBUȚ, Alexandra LEONTE, Doru STANCIU, Paula Lucelia PINTILIE, Rozalia KADAR, Diana HIRIȘCĂU, Georgeta TRAȘCĂ, Cristina GHIORGHE, Marian-Robert GHEORGHE, Teodor ROBU	STUDY ON THE ADAPTABILITY OF SOME TRITICALE GENOTYPES TO DIFFERENT CLIMATE AND SOIL CONDITIONS
86.	Paula Lucelia PINTILIE, Roxana Georgiana AMARGHIOALEI, Elena TROTUȘ, Andreea Sabina PINTILIE, Alexandra LEONTE, Simona Florina ISTICIOAIA, Andreea ENEA, Roxana ZAHARIA, Carmen MINCEA	SUGAR BEET PEST DYNAMICS IN THE CONDITIONS OF CENTRAL MOLDOVA (ROMANIA)

No.	Authors	Paper Title
87.	Georgeta POP, Ersilia Călina ALEXA, Ilinca Merima IMBREA, Marinel HORABLAGA, Diana OBIȘTIOIU	ASSESSMENT OF THE THERAPEUTIC POTENTIAL APPLICATION OF THE EXTRACTS FROM DIOECIOUS HEMP (<i>Cannabis sativa</i> L.)
88.	Georgeta POP, Vlad Dragoslav MIRCOV, Lucian Florin BOTOȘ, Ștefan BABA, Luqman MUSA, Ioana Alina HÎNDA	STUDY ON THE IMPACT OF PEDOCLIMATIC CONDITIONS ON MAIZE YIELD AND QUALITY
89.	Marilena Alina PRIOTEASA, Aurel Liviu OLARU, Mirela PARASCHIVU	THE INFLUENCE OF SOWING DEPTH AND OF PRECIPITATIONS ABOVE THE QUALITY AND THE YIELD OF AUTUMN WHEAT IN BOIANULUI'S MEADOW
90.	Denis Marian RĂDOI, Gabriela PĂUNESCU, Șerban Cătălin DOBRE, Elena ROȘCULETE, Denisa MURTAZA (FLOREA), Elena BONCIU	RESEARCH ON THE RELATIONSHIP BETWEEN THE VEGETATION PERIOD IN CEREAL SPECIES AND THE FLAG LEAF AREA THROUGH THE YIELD, ON THE CHERNOZEM OF CARACAL
91.	Stefan RASHEV, Nedyalka PALAGACHEVA, Ivan ARABADJIEV, Stoyan GEORGIEV	TESTING THE EFFICACY OF ESSENTIAL OILS AGAINST <i>Drosophila suzukii</i> (MATSUMURA)
92.	Călin SĂLCEANU, Mirela PARASCHIVU, Mihaela CERGAN, Elena PARTAL, Aurel Liviu OLARU, Otilia COTUNA	THE CONTROL OF WEEDS IN MAIZE USING NEW HERBICIDES FORMULATIONS
93.	Ionel SAMFIRA, Adina HORABLAGA, Saida FEIER DAVID, Viorica BOACA, Nicolae Marinel HORABLAGA, Cristian BOSTAN	DYNAMICS OF MORPHOPRODUCTIVE CHARACTERS IN <i>Phalaris arundinacea</i> UNDER THE CONDITIONS OF THE WESTERN PLAIN OF ROMANIA
94.	Ionel SAMFIRA, Nicolae Marinel HORABLAGA, Ramona Loredana TOPORAN, Adina HORABLAGA, Saida FEIER DAVID, Cristian BOSTAN	MODELING BIOLOGICAL GROWTH OF LOLIUM PERENNE SPECIES UNDER CURRENT CLIMATE CHANGE CONDITIONS

No.	Authors	Paper Title
95.	Mihaela ŠATVAR VRBANČIĆ, Marko PETEK, Antun ŠOKEC, Tomislav KARAŽIJA, Erik MEERS, Lepomir ČOGA, Željko JUKIĆ	THE IMPACT OF DIGESTATE ON THE CHEMICAL PROPERTIES OF MAIZE (<i>Zea mays</i> L.) GRAINS
96.	Atanas SEVOV, Nesho NESHEV, Mariyan YANEV, Anyo MITKOV	STUDY OF THE EFFECT OF SOME FOLIAR HERBICIDES ON ALFALFA (<i>Medicago sativa</i> L.) IN CHANGING CLIMATE CONDITIONS
97.	Alina ȘIMON, Felicia CHEȚAN, Adrian CECLAN, Alin POPA, Camelia URDĂ, Nicolae TRITEAN, Raluca REZI, Florin RUSSU, Adrian NEGREA	IMPROVING SOYBEAN QUALITY PARAMETERS BY SOWING ON DIFFERENT DATES IN VARIOUS CLIMATIC YEARS
98.	Kiril SIRAKOV, Angelina MUHOVA, Stefka STEFANOVA-DOBREVA	EFFECT OF PRE-SOWING ELECTROMAGNETIC TREATMENT OF TRITICALE (<i>×Triticosecale</i> Wittm.) SEEDS AND METEOROLOGICAL CONDITIONS ON GRAIN YIELDS
99.	Aurica SOARE	THE SOWING DENSITY INFLUENCE ON PRODUCTION FOR THE MAIZE HYBRID P0217
100.	Doru STANCIU, Oana MÎRZAN, Margareta NAIE, Alexandra LEONTE, Andreea-Sabina PINTILIE, Denisia-Mihaela IACOBUT, Roxana-Georgiana AMARGHIOALEI, Cosmin-Alexandru MURARU, Carmenica Doina JIȚĂREANU	STUDIES ON THE INFLUENCE OF GROWTH REGULATORS IN REDUCING THE EFFECTS OF CLIMATE CHANGE ON SOYBEAN CULTIVATION IN CENTRAL MOLDAVIA
101.	Ramona ȘTEF, Ioana GROZEA, Otilia COTUNA, Dan MANEA, Daniela SCEDEI, Alin CARABET	ANALYSIS OF THE EFFICACY OF MCPA HERBICIDE IN THE CONTROL OF <i>Convolvulus arvensis</i> and <i>Chenopodium album</i> IN FLAX CROPS
102.	Stefka STEFANOVA-DOBREVA, Angelina MUHOVA	33-YEAR OLD GRAIN YIELD FROM <i>Triticum durum</i> DESF. AFFECTED BY MINERAL FERTILIZATION WITH NITROGEN AND PHOSPHORUS

No.	Authors	Paper Title
103.	Antoniya STOYANOVA, Georgi STOYANOV, Gancho GANCHEV	EFFECT OF FOLIAR FERTILIZATION ON PROTEIN LEVELS AND NUTRITIONAL VALUE OF THREE HYBRID MAIZE BIOMASS
104.	Antoniya STOYANOV, Georgi STOYANOV	CORN RESPONSE TO FOLIAR FERTILIZER APPLICATION
105.	Ciprian Traian STROE, Liliana PANAITESCU	STUDIES ON THE CULTIVATION OF WHITE MUSTARD (<i>Sinapis alba</i>) UNDER THE AGROECOLOGICAL CONDITIONS OF SOUTHERN DOBROGEA – DELENI IN A CONVENTIONAL SYSTEM
106.	Dan SUCIU, Camelia URDĂ, Alina ȘIMON, Cristina MOLDOVAN, Edward MUNTEAN, Vasile Adrian HORGA, Marcel M. DUDA	MAXIMIZING RAPESEED YIELD AND QUALITY THROUGH ADJUSTMENTS IN SOWING DATE AND ROW SPACING
107.	Andrew SVYDENKO	DETERMINATION OF THE DEPENDENCE OF ECONOMICALLY VALUABLE INDICATORS OF MOLDAVIAN DRAGONHEAD ON GROWING CONDITIONS
108.	Valerii SVYRYDOVSKIY, Tetiana MARCHENKO, Liudmyla SVYDENKO, Nataliia VALENTIUK, Sergii PATYK, Hennadii IVANOV	COMPARATIVE CHARACTERISTICS OF SELECTED SAMPLES OF <i>Hyssopus officinalis</i> L. BY BIOMORPHOLOGICAL INDICATORS IN THE CONDITIONS OF THE SOUTHERN STEPPE OF UKRAINE
109.	Lizica SZILAGYI, Mihai GÎDEA	QUINOA (<i>Chenopodium quinoa</i> WILLD.): A PROMISING NEW CROP FOR ROMANIA
110.	Eliza TEODORESCU, Elena BARCANU, Ion GHERASE Ovidia AGAPIE	STUDY OF UNSTABLE PHENOTYPIC BEAN SEEDS
111.	Andreea TICAN, Mihaela CIOLOCA, Monica POPA	STUDY ON OBTAINING POTATO MINITUBERS BY USING VARIOUS CULTURE SUBSTRATE

No.	Authors	Paper Title
112.	Liviu TÂRȘOAG, Aida PĂUNESCU, Roxana HOROIAȘ, Leonard ILIE	STUDIES ON THE INFLUENCE OF INPUT APPLICATION ON THE PRODUCTIVITY OF ROMANIAN WHEAT VARIETIES, AT ARDS CARACAL
113.	Victor ȚÎȚEI	EVALUATION OF BIOCHEMICAL COMPOSITION AND NUTRITIONAL VALUE OF FODDERS FROM <i>Lablab purpureus</i> L.
114.	Maria TOADER, Viorel ION, Emil GEORGESCU, Cristina CIONGA, Cristina RADU, Lenuta Iuliana EPURE, Adrian Gheorghe BĂȘA, Mirela Elena DUȘA, Mihaela Valentina VASILE, Alina Maria IONESCU	FUTURE VISIONS OF INTEGRATED PEST MANAGEMENT (IPM) FOR MAIZE CROPS IN ROMANIA
115.	Monica Alexandrina TOD, Mironela BĂLAN, Sorina NIȚU, Paul ZEVEDEI	EVALUATION OF TALL FESCUE (<i>Festuca arundinacea</i>) GENETIC RESOURCES FOR BREEDING ACTIVITY
116.	Mima TODOROVA, Tsvetelina STOILOVA, Mariya GERDZHIKOVA, Hristina RANGELOVA, Zornitza ZHERKOVA, Neli GROZEVA, Milena TZANOVA	RELATIONSHIPS OF NDVI AND CHLOROPHYLL CONTENT WITH YIELD COMPONENTS OF DIFFERENT ACCESSIONS OF <i>Phaseolus vulgaris</i> L. AND VIGNA (<i>Vigna unguiculata</i> L. WALP.)
117.	Alexandru Iulian TOMA, Ricuța Vasilica DOBRINOIU	THE EVALUATION OF FERTILIZATION SCHEMES OPTIMISATION AT TWO ROW BARLEY CROP IN ORDER TO INCREASE THE HARVEST PROCESSING VALUE
118.	Mădălina TRUȘCĂ, Valentina STOIAN, Anamaria VÂTCĂ, Vlad STOIAN, Roxana VIDICAN, Florin PĂCURAR, Ștefania GÂDEA, Sorin VÂTCĂ	CRITICAL SALINITY THRESHOLDS IMPACTING WHEAT GERMINATION: DETERMINING DOSE-DEPENDENT RESPONSES ACROSS VARIETIES
119.	Andrii TYSHCHENKO, Olena TYSHCHENKO, Oleksandr OCHKALA, Serhii STEPANOV, Vira KONOVALOVA, Oleksandr KOBLAI	EFFICIENCY OF SUNFLOWER SEEDS INOCULATION WITH DIFFERENT MICROORGANISMS

No.	Authors	Paper Title
120.	Busuioc VACARIU, Alina Laura AGAPIE, Marinel Nicolae HORABLAGA, Daniela HORHOCEA, Ovidiu EREMI, Florin SALA	RAINS YIELD IN SOME CORN HYBRIDS: COMPARATIVE ANALYSIS
121.	Evgeniya VALCHINOVA, Manol DESHEV, Bozhidar KYOSEV, Albena PENCHEVA, Gergana DESHEVA	DIVA-GIS APPROACH TO DIVERSITY ANALYSIS OF <i>Aegilops cylindrica</i> GERMPLASM
122.	Nataliia VALENTIUK, Yevgen YURKEVYCH, Olesia DROBIT, Anatolii TOMNYTSKYI, Elgudzha KULIDZHANOV	INFLUENCE OF SOWING DENSITY ON GROWTH PROCESSES OF AMARANTHUS PLANTS IN THE CONDITIONS OF SOUTHERN UKRAINE
123.	Neli VALKOVA, Minka KOLEVA, Valentina DIMITROVA, Bogomil MIHAYLOV	GENETIC CONTROL AND COMBINING ABILITY IN LINE BY TESTER CROSSES OF COTTON
124.	Liliana VASILESCU, Eugen PETCU, Lidia CANĂ, Silviu VASILESCU, Alexandrina SÎRBU, Lenuța-Iuliana EPURE	EXPLORING SPRING BARLEY GENOTYPE X ENVIRONMENT INTERACTION IN THE SOUTH EAST REGION OF ROMANIA
125.	Emil VASILEV, Nataliya PETROVSKA, Viliana VASILEVA	RESPONSE OF MAIZE BREEDING TO CLIMATE CHANGE
126.	Viliana VASILEVA, Nataliya PETROVSKA, Emil VASILEV	CHLOROPHYLL CONTENT IN MAIZE HYBRIDS
127.	Sebastian Ionel VĂTĂMANU, Ștefan Laurențiu BĂTRÎNA, Ilinca Merima IMBREA, Lucian BOTOȘ, Denisa HETEA, Ioana Alina HÎNDA, Florin IMBREA	THE ROLE OF METHYLOBACTERIUM SYMBIOTICUM IN AGRICULTURE
128.	Mariyan YANEV	EVALUATION OF FOLIAR HERBICIDES FOR WEED CONTROL IN MAIZE (<i>Zea mays</i> L.)

No.	Authors	Paper Title
129.	Volkan YEŞİL, Vali ABDİYEYEV, Özgür TATAR	RELATIONSHIPS BETWEEN MORPHOMETRIC AND QUALITY PARAMETERS IN WHEAT GRAINS
130.	Taras ZHYGAILO, Demian ZHYHAILO, Olena ZHYGAILO, Yurii KYRYLLOV	AGROCLIMATIC ASSESSMENT OF THE PROSPECTS FOR GROWING WINTER PEAS IN THE ODESA REGION
131.	Plamen ZOROVSKI	STUDY ON THE DEVELOPMENT AND YIELD OF SAFFRON CROCUS (<i>Crocus sativus</i> L.) IN ORGANIC FARMING CONDITIONS IN CENTRAL SOUTHERN BULGARIA

MISCELLANEOUS

Moderators: Lecturer Dr. Elena Loredana SFETCU
Lecturer Dr. Fulvia Florica VLAD

- | | | |
|----|---|---|
| 1. | Alexei ABABII, Victor ÎÎTEL,
Veaceslav DOROFTEL,
Nicolae DARADUDA, Ana GUȚU,
Mihai GADIBADI | THE EVALUATION OF THE QUALITY
INDICES OF PHYTOMASS
FROM ENERGY GROPS AND
AGRICULTURAL RESIDUES |
| 2. | Marian BRĂILĂ, Daniela TRIFAN,
Emanuela LUNGU,
Mircea MIHALACHE | RESEARCH ON PRODUCTIVITY INDICES
IN SOME DEMONSTRATION BATCHES OF
AUTUMN WHEAT, AT SCDA BRAILA, IN
THE LAST TWO AGRICULTURAL YEARS |
| 3. | Petre Marian BREZEANU,
Creola BREZEANU,
Tina Oana CRISTEA,
Andreea TREMURICI, Mariana
CALARA, Silvica AMBARUS | A CASE STUDY ON GRAIN LEGUMES
GENETIC RESOURCES AVAILABLE FOR
USE IN BREEDING FOR SUSTAINABLE
AGRICULTURE |
| 4. | Lilia CHIȘNICEAN,
Tamara JELEZNEAC,
Zinaida VORNICU | <i>Passiflora incarnata</i> L. - CULTIVATION IN
OPEN FIELD |
| 5. | Nicoleta-Olimpia CIOARĂ
(ANDREI),
Amalia Carmen MITELUȚ | HALOPHYTE BIOACTIVE COMPOUNDS:
A REVIEW OF THEIR CHEMICAL
COMPOSITION AND BIOLOGICAL
ACTIVITIES |

No.	Authors	Paper Title
6.	Mihaela COSTEA, Nicoleta-Olimpia VRÎNCEANU, Dumitru-Marian MOTELICĂ, Florența PARASCHIV (JAFRI), Costică CIONTU	THE ASSESSMENT OF HEAVY METAL BIOACCUMULATION IN PEPPER PLANTS (<i>Capsicum annuum</i>) CULTIVATED IN GREEN-HOUSE CONDITIONS, USING CONTAMINATED SOILS FROM THE INDUSTRIAL AREA OF COPȘA MICĂ
7.	Lucian DINCĂ, Vlad CRIȘAN, Gabriel MURARIU, Eliza TUPU	THE INTERESTING CASE OF PHOSPHORUS IN FOREST SOILS: A BIBLIOMETRIC REVIEW
8.	Mihaela Monica DINU, Ana-Cristina FĂȚU, Cristina Maria LUMÎNARE, Daniel Nicolae COJANU	FROM FIELD TO FIELD: SUCCESSFUL USE IN PEST MANAGEMENT OF INDIGENOUS ENTOMOPATHOGENIC FUNGAL STRAINS FORMULATED AS EXPERIMENTAL BIOINSECTICIDES
9.	Sergiu DOBROJAN, Galina DOBROJAN, Gheorghe JIGĂU, Gabriel Ionut PLAVAN	RECYCLING OF WASTEWATER FROM THE CULTIVATION OF <i>Spirulina platensis</i> THROUGH ITS USE AS A BIOSTIMULANT FOR THE GERMINATION OF <i>Phacelia tanacetifolia</i> Benth. (Melifera) SEEDS MAINTAINED IN COLLECTIONS
10.	Anișoara DUMA COPCEA, Casiana MIHUȚ, Lucian Dumitru NIȚĂ, Nicoleta MATEOC, Teodor MATEOC, Ramona ȘTEF, Karel Iaroslav LAȚO, Carmen Claudia DURĂU, Daniel POPA, Dragoslav Vlad MIRCOV	DYNAMICS OF THE MOTOR MECHANISM OF INTERNAL COMBUSTION ENGINES
11.	Maria Alexandra EANA, Aurel Liviu OLARU, Elena BONCIU	FIELD PEA AND ITS IMPORTANCE FOR A SUSTAINABLE AGRICULTURE AND BETTER FOOD SYSTEMS
12.	Mihai GADIBADI, Victor ȚÎȚEL, Alexei ABABII, Veaceslav DOROTELI, Nicolae DARADUDA, Natalia CÎRLIG, Victor MELNIC	THE MELLIFEROUS POTENTIAL AND PROSPECT OF VALORIZATION OF WASTE BIOMASS OF <i>Coriandrum sativum</i> , <i>Salvia hispanica</i> and <i>Lavandula angustifolia</i> FOR RENEWABLE ENERGY

No.	Authors	Paper Title
13.	Raluca-Gabriela GEORGESCU, Lorena-Roxana GURĂU, Andrei CHIRILOAIE-PALADE	CARABID BEETLES AS ENTOMOPATHOGENIC VECTORS: A REVIEW OF THEIR ECOLOGICAL ROLE AND POTENTIAL APPLICATIONS
14.	Ana GUȚU, Alexei ABABII, Veaceslav DOROFTEI, Andreea ANDREOIU, Mihai GADIBADI, Monica TOD, Adrian NAZARE, Teodor MARUȘCA, Victor ȚÎȚEI	THE EVALUATION OF THE BIOMASS QUALITY OF <i>Lolium perenne</i> 'MĂGURA' AND <i>Phleum pratense</i> 'TIROM' GROWN UNDER THE CONDITIONS OF MOLDOVA
15.	Minodora GUTUE, Ionela DOBRIN, Simona-Daniela MIHAI, Elena Loredana SFETCU, Fulvia-Florica VLAD	HARMFUL AND BENEFICIAL FAUNA ASSOCIATED WITH MEDICINAL AND AROMATIC PLANTS
16.	Svitlana HORNOVSKA, Mykola GRABOVSKYI, Yriy FEDORUK, Valerii KHAKHULA, Taras PANCHENKO, Igor POKOTYLO, Kateryna VELYKA, Oleksandr GORODETSKYI	EFFECTIVE INSECTICIDE APPLICATION TO PREVENT ECONOMIC LOSSES FOR UKRAINE CAUSED BY WESTERN CORN ROOTWORM (<i>Diabrotica virgifera virgifera</i> Le Conte) SPREADING
17.	Nicoleta ION, Adrian Gheorghe BĂȘA, Eliza CĂUIA, Viorel ION, Lenuța Iuliana EPURE	ROMANIAN FARMERS PERCEPTION ABOUT POLLINATORS IMPORTANCE
18.	Florența PARASCHIV (JAFRI), Oana-Alina BOIU-SICUIA, Beatrice Michaela IACOMI	THE INHIBITORY EFFECT OF LAVENDER COMPOST EXTRACTS ON VARIOUS PATHOGENS
19.	Nikolay KOLEV, Mihaela IVANOVA, Desislava VLAHOVA- VANGELOVA, Alexander BALABANOV, Yulian TUMBARSKI, Milena DIMITROVA-DICHEVA, Francesco VIZZARRI, Lubomir ONDRUSKA	BIOACTIVE POTENTIAL OF SPENT <i>Rosa</i> <i>damascena</i> Mill. PETALS EXTRACT: ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES

No.	Authors	Paper Title
20.	Maria-Cristina LUMÎNARE, Daniel-Nicolae COJANU, Lavinia-Diana-Nicoleta BUTURUGĂ BARBU, Oana-Alina BOIU-SICUIA, Stelica CRISTEA	EVALUATION OF THE INHIBITORY EFFECT OF ESSENTIAL OILS AGAINST <i>Fusarium sporotrichioides</i> ISOLATED FOR THE FIRST TIME FROM STRAWBERRY PLANTS IN ROMANIA
21.	Eugen MARIN, Vasile MOCANU, Tudor-Adrian ENE, Dragoș MANEA, Laurențiu-Constantin VLĂDUȚOIU, Alexandru IONESCU, Gheorghe STROESCU	EXPERIMENTAL RESEARCH FOR THE PROMOTION OF TECHNICAL EQUIPMENT FOR CLEARING MOUNDS AND FERTILIZING SOILS OCCUPIED BY GRASSLANDS
22.	Eugen MARIN, Vasile MOCANU, Tudor-Adrian ENE, Dragoș MANEA, Laurențiu-Constantin VLĂDUȚOIU, Alexandru IONESCU, Gheorghe STROESCU	EXPERIMENTAL RESEARCH FOR PROMOTING A TECHNICAL EQUIPMENT FOR NARROW STRIP TILLAGE AND DIRECT SEEDING IN THE GRASS COVER OF A GRASS MIXTURE
23.	Gheorghe MATEI, Alina Mădălina PLEȘOIANU, Lorena Diana POPA, Simona Florina ISTICIOAIA, Valentin Nicolae VLADUȚ	METHODS FOR DETERMINING PROTEINS AND AMINO ACIDS AND THE IMPORTANCE OF THEIR USE FOR IDENTIFYING SUSTAINABLE SOURCES OF DIETARY PROTEINS. A REVIEW
24.	Aliona MIRON, Alexandru GALUPA, Ludmila TALMACI, Victor ȚÎȚEL, Sergiu COȘMAN	CONTRIBUTIONS TO THE STUDY OF <i>Arrhenatherum elatius</i> (L.) P. Beauv. ex J. Presl & C. Presl GRASSLANDS FROM THE ORHEI NATIONAL PARK (REPUBLIC OF MOLDOVA)
25.	Mariana NICULESCU	STRUCTURAL AND FLORISTIC DIVERSITY OF THE SHRUBLANDS VEGETATION IN THE CĂPĂȚÂNII MOUNTAINS, ROMANIAN CARPATHIANS
26.	Mariana NICULESCU	REGENERATION DYNAMICS OF THE BEECH FOREST IN THE UPPER BASIN OF THE NAIBA VALLEY, GODEANU MOUNTAINS

No.	Authors	Paper Title
27.	Auraș NIȚĂ, Nicoleta RADU, Floarea BURNICHI, Iuliana RAUT, Narcisa BĂBEANU	STUDIES REGARDING THE POTENTIAL APPLICATIONS OF BIOPRODUCTS DERIVED FROM <i>Origanum majorana</i> IN AGRICULTURE
28.	Călin Gheorghe PĂȘCUȚ, Teodor MARUȘCA, Ghiță Cristian CRAINIC, Călin Ioan IOVAN, Szilard BARTHA, Petrică Tudor MOȚIU	EVALUATION OF THE PRODUCTIVITY OF PERMANENT MESOPHILIC GRASSLANDS FROM CODRU-MOMA MOUNTAINS (NW ROMANIA)
29.	Maria-Magdalena PODEA, Ilie-Cătălin DINUȚĂ, Stelica CRISTEA	RESULTS REGARDING THE CONTROL OF THE PATHOGEN <i>Erisiphe pisi</i> (de Candolle) IN THE PEA CROP UNDER THE CONDITIONS AT ARDS PITEȘTI-ALBOTA
30.	Lorena-Diana POPA, Marian BURDUCEA, Gheorghe MATEI, Gabriel-Ciprian TELIBAN, Alexandra-Andreea BUBURUZ, Simona-Florina ISTICIOAIA, Alexandra LEONTE, Paula-Lucelia PINTILIE, Denisia-Mihaela IACOBUȚ, Cosmin Alexandru MURARU, Nicolae-Valentin VLĂDUȚ, Vasile STOLERU, Ioana BUȚERCHI	PERFORMANCE AND QUALITY OF HEMP MICROGREENS UNDER SUBSTRATE AND WATERING CONDITIONS
31.	Paul-Alexandru POPESCU, Wahauwouélé Hermann COULIBALY, Yabo Majoie Géroxie TOHOYESSOU, Elisabeta Elena POPA, Mihaela GEICU-CRISTEA, Mihaela Cristina DRĂGHICI, Amalia Carmen MITELUȚ, Mona Elena POPA	ASSESSMENT OF ANTIFUNGAL AND ANTIBACTERIAL ACTIVITY OF CINNAMON AND CLOVE ESSENTIAL OILS
32.	Iena Cristina PRUNĂ (BÜHLER), Gabriela PĂUNESCU, Ramona Aida PĂUNESCU, Liliana CIULU, Aurel Liviu OLARU	RESEARCH ON THE MANAGEMENT OF CARBON DIOXIDE EMISSIONS AND SEQUESTRATION BY DIFFERENT CROPS, DEPENDING ON THE AGRICULTURAL TECHNOLOGIES APPLIED

No.	Authors	Paper Title
33.	Andrei SIURIS, Tamara LEAH, Lilia BOAGHE	WASTE FROM THE WINE AND ETHYL ALCOHOL PRODUCTION INDUSTRY - AN IMPORTANT SOURCE FOR INCREASING SOIL FERTILITY AND CROP PRODUCTIVITY
34.	Mala-Maria STAVRESCU-BEDIVAN, Emilia Brîndușa SĂNDULESCU, Ionela DOBRIN, Elena Loredana SFETCU, Cristina Florentina ALISTAR	GLIMPSES INTO THE BIODIVERSITY OF SFÂNTU GHEORGHE, TULCEA COUNTY
35.	Victor ȚÎȚEI	SOME AGROBIOLOGICAL FEATURES AND QUALITY INDICES OF THE BIOMASS OF <i>Panicum virgatum</i> and <i>Panicum miliaceum</i> GROWN UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
36.	Zornitsa ZHERKOVA, Neli GROZEVA, Mima TODOROVA	NUTRITIONAL AND MINERAL COMPOSITION OF WILD <i>Salicornia europaea</i> L. AND CHARACTERISTICS OF THE SOILS IN BULGARIA WHERE IT GROWS