



Section 1

AGRONOMY

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 JITĂREANU – University of Life Sciences "Ion Ionescu de la Brad" from Iași, 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 Cluj-Napoca, Romania

- Aurelian PENESCU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Françoise PICARD-BONNAUD – University of Angers, France
- Teodor ROBU – University of Life Sciences “Ion Ionescu de la Brad” from Iași, 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 SĂNDOIU – 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

- Costică CIONTU
- Lenuța Iuliana EPURE
- Mircea MIHALACHE
- Viorel ION
- Doru Ioan MARIN
- Leonard ILIE
- Adrian Gheorghe BĂȘA

SECTION 1 – AGRONOMY

Agronomy Section Chairman:

Prof. Dr. Viorel ION
Prof. Dr. Mircea MIHALACHE
Prof. Dr. Costică CIONTU

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THURSDAY, 6TH OF JUNE, 2024

*Building A - Faculty of Agriculture
Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

- 14:00 – 14:15 *Conference Section Opening*
- 14:15 – 16:00 *Session 1 - Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*
- 16:00 – 16:30 *Coffee break - Third Floor, Central Hall*
- 16:30 – 17:30 *Posters display and viewing – Third Floor, Central Hall*
- 19:00 – 21:30 *Official Gala Dinner – Cultural Event (Ceres Restaurant) – USAMV Campus*

SESSION 1

Time: 14:15 – 16:00

Third Floor, Gheorghe Ionescu-Șișești Amphitheatre

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

Time	Authors	Paper Title
14:15– 14:30	Daniela RĂDUICĂ	SYNGENTA - OUR CONTRIBUTION TO AGRICULTURE THROUGH INNOVATION AND PARTNERSHIP
14:30 – 14:45	Harry NEILL, Adam ECKERSLEY, Philip BOYLE, Lancelot BUTTERS	AN INVESTIGATION OF THE EFFECTS OF TRACTOR TYRE WIDTH ON SOIL COMPACTION AND CROP DAMAGE
14:45 – 15:00	Emil GEORGESCU, Maria TOADER, Lidia CANĂ, Luxița RĂȘNOVEANU	RESEARCH CONCERNING POSSIBLE ALTERNATIVES AT SEED TREATMENT WITH NEONICOTINOIDS FOR CONTROLLING THE <i>Tanymecus dilaticollis</i> Gyll. ATTACK AT SUNFLOWER CROPS
15:00 – 15:15	Daniela TRIFAN, Emanuela LUNGU, Alin Ionel GHIORGHE, Daniel George SERBAN	THE IMPORTANCE OF AGROFORESTRY CURTAINS FOR ANTI-EROSION PROTECTION AND INCREASING THE PRODUCTIVITY OF AGRICULTURAL CROPS

Time	Authors	Paper Title
15:15 – 15:30	Bilyana GRIGOROVA- PESHEVA, Boyka MALCHEVA, Asen PESHEV	MICROBIAL COMMUNITY DYNAMICS OF COMPOST MIXTURES AFTER APPLICATION OF MICROBIOLOGICAL ADDITIVE
15:30 – 15:45	Florența (JAFRI) PARASCHIV, Elena Mirela DUȘA, Vasilica STAN	NITROGEN MINERALIZATION DYNAMICS DURING THE MATURITY STAGE OF LAVENDER WASTE COMPOST
15:45 – 16:00	<i>Discussions</i>	
16:00 – 16:30	<i>Coffee break - Third Floor, Central Hall</i>	
16:30 – 17:30	<i>Posters display and viewing – Third Floor, Central Hall</i>	
19:00 – 21:30	<i>Official Gala Dinner – Cultural Event (Ceres Restaurant, USAMV Campus)</i>	

FRIDAY, 7TH OF JUNE, 2024

*Building A - Faculty of Agriculture
Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

08:00 – 09:00	<i>Arrival and registration of participants – Third Floor, Central Hall</i>
09:00 – 11:00	<i>Session 2 – Third Floor, Gheorghe Ionescu-Șișești Amphitheatre</i>
11:00 – 11:30	<i>Coffee break / Viewing posters and discussions – Third Floor, Central Hall</i>
11:30 – 13:30	<i>Session 3 – Third Floor, Gheorghe Ionescu-Șișești Amphitheatre</i>
	<i>Final Discussions and Concluding Remarks</i>
13:30 – 14:30	<i>Lunch – Third Floor, Central Hall</i>

SESSION 2

Time: 09:00 – 11:00

*Building A - Faculty of Agriculture
Third Floor, Gheorghe Ionescu-Șișești Amphitheatre*

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

Time	Authors	Paper Title
09:00 – 09:10	Bianca POP, Roxana VIDICAN, Larisa CORCOZ, Vlad STOIAN	THE EFFECT OF HISTORICAL POLLUTION ON MICROBIAL FUNCTIONAL KINETICS IN BIOREMEDIATED SOILS FROM BAI MARE
09:10 – 09:20	Deniz ISTIPLILER, Burcu GÖKBULUT	FIRST GROWING CYCLE PERFORMANCES OF PERENNIAL WHEAT GENOTYPES
09:20 – 09:30	Claudiu-Denis FILIP, Mirela COMAN	REGARDING THE LEVEL OF SOIL POLLUTION WITH HEAVY METALS (I)
09:30 – 09:40	Alexandra GHEORGHÎĂ, Roxana VIDICAN, Larisa CORCOZ, Vlad STOIAN	KINETICS OF THE MICROBIAL FUNCTIONAL PROFILE INVOLVED IN DECOMPOSITION SHAPPED BY LONG- TERM APPLICATION OF INPUTES
09:40 – 09:50	Nicolaie IONESCU, Diana Maria POPESCU	RESULTS WITH WEEDS COMPETITION AND THEIR CONTROL IN SOYBEAN CROP
09:50 – 10:00	Leonid POPOV, Tatiana DAVID	THE INFLUENCE OF MICROBIAL BIOFERTILIZERS ON THE BALANCE OF NUTRITIONAL ELEMENTS ON SOILS WITH DIFFERENT DEGREES OF EROSION
10:00 – 10:10	Mariana GROZA, Mihaela COMAN, Livia Dana ALDEA, Delia STEOPEI, Claudia COSTACHE	MELOIDOGYNE SPECIES THAT POSE A THREAT TO POTATO CROP IN ROMANIA
10:10 – 10:20	Ali COSKAN, Muvahhid KILICARSLAN	PGPR AS AN AVAILABILITY IMPROVER OF NATURAL IRON AND MANGANESE SOURCES

Time	Authors	Paper Title
10:20 – 10:30	Nela TĂLMACIU, Mihai TĂLMACIU, Monica HEREA, Ionela MOCANU, Ion MITREA	THE BIODIVERSITY OF COLEOPTERO- FAUNA FROM WHEAT CROPS IN THE CONDITIONS OF THE NEW CLIMATE CHANGES AND THE PREMERGING PLANT
10:30 – 10:40	Mihaela Ioana GEORGESCU, Alina Georgiana CÎȘLARIU, Mihai GÎDEA, Elena SĂVULESCU	PRELIMINARY DATA ABOUT THE INVASIVE ABILITY OF <i>Solidago canadensis</i> L. AND ITS ESTABLISHMENT IN CROPS IN OUR COUNTRY
10:40 – 11:00	<i>Discussions</i>	
11:00 – 11:30	<i>Coffee break - Third Floor, Central Hall</i>	

SESSION 3

Time: 11:30 – 13:30

Building A - Faculty of Agriculture

Third Floor, Gheorghe Ionescu-Șișești Amphitheatre

Session Moderators: *Assoc. Prof. Dr. Gheorghe Adrian BĂȘA*
Lecturer Dr. Mala Maria STAVRESCU BEDIVAN

Time	Authors	Paper Title
11:30 – 11:40	Daniel DUNEA, Lavinia BURULEANU, Corina POPESCU, Daniela AVRAM, Andreea GEORGESCU, George MURĂTOREANU, Dănuț TANISLAV, Roxana MĂRGĂRIT, Adrian FILIP	ASSESSMENT OF THE HERBACEOUS CANOPY RADIATION PROFILES AND FORAGE QUALITY IN THE MOUNTAIN GRASSLANDS FROM FUNDATA AREA, ROMANIA
11:40– 11:50	Georgiana-Andreea IGNAT, Mirela DUȘA, Nicoleta VRÎNCEANU, Monica Mara STAICU	THE EFFECT OF THE USE OF COMPOST AS A FERTILIZER MATERIAL FOR THE CROP OF LETTUCE (<i>Lactuca sativa</i> L.)
11:50 – 12:00	Luiza Silvia CHIRIAC (MIHAI), Dumitru T. MURARIU	THE ECOLOGICAL ROLE OF SOME FUNCTIONAL GROUPS OF INVERTEBRATES
12:00 – 12:10	Marilena ONETE, Minodora MANU, Mihaela PAUCĂ-COMĂNESCU, Roxana-Georgiana NICOARĂ	CHANGES IN A PROTECTED, OLD-GROWTH <i>Abies alba</i> - <i>Fagus sylvatica</i> FOREST IN THE ROMANIAN CARPATHIANS FOR 37 YEARS
12:10 – 12:20	Simona MIHĂILESCU, Marilena ONETE, Florian-Paul BODESCU, Iuliana Florentina GHEORGHE, Daniela STRAT, Constantin-Tiberiu SAHLEAN, Roxana-Georgiana NICOARĂ, Luiza-Silvia CHIRIAC, Minodora MANU, John Owen MOUNTFORD	APPROACHES TO THE ASSESSMENT OF SOME HABITATS OF COMMUNITY IMPORTANCE IN ROMANIA
12:20 – 12:30	Rozalina KOLEVA, Boyka MALCHEVA, Bilyana GRIGOROVA-PESHEVA	INFLUENCE OF MICROFLORA IN IRRIGATION WATER ON THE SOIL AND SOIL-COMPOST MICROBIOM
12:30 – 12:40	Mariana Carmelia DRAGOMIR BĂLĂNICĂ, Alina Gabriela CIOROMELE, Nicoleta AXINTI, Valentina VOICU	THE STATISTICAL ANALYSIS OF THE PRODUCTIVITY AND THE BENEFIT OF PESTICIDES APPLICATION IN THE SOUTH-EAST REGION, ROMANIA

Time	Authors	Paper Title
12:40 – 12:50	Mariana Carmelia DRAGOMIR BĂLĂNICĂ, Alina Gabriela CIOROMELE, Nicoleta AXINTI, Valentina VOICU	THE CONSEQUENCES OF THE USE OF FERTILIZERS ON THE PRODUCTION OF THE MAIN CULTIVATED PLANTS, IN THE SOUTH-EAST REGION, ROMANIA
12:50 – 13:00	Yurii OLIFIR, Anna HABRYEL, Oleh HAVRYSHKO, Tetiana PARTYKA, Hryhorii KONYK, Halyna PANAKHYD, Nadiia KOZAK	THE CONTENT AND QUALITATIVE COMPOSITION OF IRON COMPOUNDS OF ALBIC PANTOSTAGNIC LUVISOL UNDER LONG-TERM AGROGENIC INFLUENCE
13:00 – 13:30	<i>Final Discussions and Concluding Remarks</i>	
13:30 – 14:30	<i>Lunch – Third Floor, Central Hall</i>	

POSTER SESSION

Time: 8:00 – 17:30

Building A - Faculty of Agriculture; Third Floor – Central Hall

Session Moderators: *Prof. Dr. Doru Ioan MARIN*
Assoc. Prof. Dr. Alina Nicoleta UDROIU

No.	Authors	Paper Title
SOIL SCIENCES		
1.	Angela Cristina AMUZA, Ilie LEONARD	RESEARCH ON EARTHWORM COMMUNITY IN MAIZE CROP IN BORCEA, CALARASI
2.	Sorin ANGHEL	UTILIZATION OF GEOPHYSICAL METHODS IN PRECISION AGRICULTURE AND ARCHAEOLOGICAL PROSPECTION
3.	Mihaela BĂLAN, Oana Alina NIȚU, Cristian POPESCU	THE EVOLUTION OF SOIL AGROCHEMICAL PROPERTIES, UNDER THE INFLUENCE OF MINERAL FERTILISATION AND WATER EROSION, ON A NATURAL GRASSLAND LOCATED AT THE PREAJBA EXPERIMENTAL CENTRE IN THE GORJ COUNTY
4.	Aleksandra BENSA, Ivan MAGDIĆ, Jana KRKALO, Nikolina JURKOVIĆ BALOG, Aleksandra PERČIN	LAND USE IMPACT ON SELECTED CHEMICAL PROPERTIES OF HUMOFLUVISOLS IN PERI-URBAN AREA IN ZAGREB (CROATIA)
5.	Tatiana CIOLACU, Gheorghe JIGĂU, Cristian JIGĂU, Angela CANȚÎR	THE EVOLUTION OF THE COMPACTNESS OF ARABLE CHERNOZEMS IN CONDITIONS OF THE INTERCALATED IMPACT OF AGROGENESIS AND CLIMATE CHANGES
6.	Mihaela COSTEA, Dumitru-Marian MOTELICĂ, Nicoleta-Olimpia VRÎNCEANU, Mirela Alina SANDU, Costică CIONTU	APPLICATION OF AMENDMENTS OBTAINED THROUGH PROCESSING LIMESTONES FOR THE IMMOBILIZATION OF HEAVY METALS IN CONTAMINATED SOILS
7.	Ilie Cătălin DINUȚĂ, Maria Magdalena PODEA, Doru Ioan MARIN	THE INFLUENCE OF THE CONSERVATIVE TILLAGE SYSTEM ON THE PEA CROP IN THE PEDOCLIMATIC CONDITIONS OF A.R.D.S. PITESTI
8.	Mihaela DOGARU, Mircea MIHALACHE, Gabriela POPA, Damian DRAGOMIR, Alexandra ION, Cosmin GHEORGHE	THE EFFECT OF THE CULTURE SUBSTRATE ON THE CONTENT OF BIOACTIVE COMPOUNDS IN SOME BLACKBERRY GENOTYPES

No.	Authors	Paper Title
9.	Irena DUKA, Eridana ÇUNI, Seit SHALLARI	DETERMINATION OF PHYSICAL AND CHEMICAL PROPERTIES OF SOME SOILS FOR AGRICULTURAL USE IN FIER DISTRICT OF ALBANIA
10.	Saida FEIER-DAVID, Dorin TARAU, Ioan PET, Gheorghe DAVID, Daniel Dorin DICU	ECOPEDOLOGICAL CONDITIONS THAT DEFINE THE LANDS FAVORABILITY FROM TIMIȘ LOW PLAIN FOR THE MAIN CROPS
11.	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIPȘA, Eugen ULEA	DYNAMICS OF SOIL BACTERIAL COMMUNITIES UNDER WINTER WHEAT IN THE NORTH-EAST PART OF ROMANIA
12.	Adriana Iulia GRAFU, Ion CREANGA, Mihaela LUNGU	SOIL ACIDITY AND EXCHANGEABLE ALUMINIUM IN SOIL OF THE HIGH PITEȘTI PLAIN, ARGEȘ COUNTY, ROMANIA
13.	Mădălina IORDACHE, Romina MAZARE, Iacob BORZA	USING THE BULK DENSITY AND PARTICLE SIZE COMPOSITION OF SOIL AS SUSTAINABILITY INDICATORS TO CHARACTERIZE A SILVOARABLE ECOSYSTEM OF ROMANIA
14.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Iurie MOSOI, Tatiana CIOLACU, Cristian JIGĂU, Angela STADNIC, Valentin GABERI	THE AGRO-ECOSYSTEM APPROACH TO THE HEALTH AND FERTILITY MANAGEMENT OF ARABLE CHERNOZEMS WITHIN THE ACTUAL AGRICULTURAL SYSTEMS
15.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Iurie MOSOI, Tatiana CIOLACU, Cristian JIGĂU, Valentin GABERI, Angela STADNIC	THEORETICAL AND APPLICABLE FRAMEWORK OF ECOLOGIZATION OF THE AGROPHYSICAL PROPERTIES OF ARABLE CHERNOZEMS IN THE FRAMEWORK OF ACTUAL AGRICULTURAL SYSTEMS
16.	Angela KUTOVA, Larysa SHEDIEI, Ievgen SKRYLNIK, Volodymyr MYKHAYLYN, Ivan SEMENENKO	SOIL CARBON SEQUESTRATION AND STOCKS FOLLOWING LAND-USE TYPES CHANGE
17.	Vasile LUNGU, Tamara LEAH, Nicolai LEAH, Vera PANU, Elena SAVIN	NITROGEN BALANCE IN THE LONG-TERM EXPERIMENTS ON THE LEACHED CHERNOZEM FROM CENTRAL ZONE OF THE REPUBLIC OF MOLDOVA
18.	Eugen MARIN, Dragoș MANEA	DESIGN AND OPTIMIZATION OF AN CHISEL-TYPE ACTIVE BODY INTENDED FOR SOIL WORK EQUIPMENT WITHOUT TURNING THE FURROW
19.	Marian MUȘAT, Valentina Mihaela VASILE, Costel DOLOCAN, Georgian ARGATU	RESEARCH ON LAND SUITABILITY IN CUNEȘTI AREA, CĂLĂRAȘI COUNTY, FOR THE ESTABLISHMENT OF FOREST PLANTATIONS ON SANDY LANDS

No.	Authors	Paper Title
20.	Marian MUȘAT, Roxana MADJAR, Lavinia BURTAN, Alina NIȚU	PEDOLOGICAL AND AGROCHEMICAL STUDY ON THE AREA IN PERIȘORU AREA, CĂLĂRAȘI COUNTY
21.	Lucian Dumitru NIȚĂ, Simona NIȚĂ, Florin IMBREA, Karel Iaroslav LAȚO, Anișoara DUMA COPCEA, Ioana Alina HÎNDA, Ștefan Laurențiu BĂTRÎNA	PHYSICO-GEOGRAPHICAL CONDITIONS DEFINING THE QUALITY AND QUANTITY OF RESOURCES IN VALEA ALMĂJULUI AREA, CARAȘ SEVERIN COUNTY
22.	Nataliia PALAMAR, Oleksandr KAZIUTA	THE ROLE OF IRON COMPOUNDS IN THE FORMATION OF THE FERTILITY OF HYDROMORPHIC SOILS OF THE FLOODPLAINS OF THE LEFT BANK FOREST STEPPE OF UKRAINE
23.	Irina PLISKO, Kateryna ROMANCHUK, Svitlana KRYLACH, Karina KUTSOVA	ASSESSMENT OF SPATIAL HETEROGENEITY OF AGROPHYSICAL PROPERTIES OF ARABLE SOILS FOR PRECISION TILLAGE
24.	Cristian POPESCU	PEDOLOGICAL STUDY IN THE SOUTHWESTERN PART OF MEHEDINȚI COUNTY VRANCEA AREA
25.	Cristian POPESCU, Mihaela BĂLAN, Gabriel BĂDESCU	THE INFLUENCE OF MODELING WORKS ON PROTISOILS WITH SPECIFIC GENETIC BEDROCK, IN THE CHARACTERISTIC RELIEF AREA OF DOLJ COUNTY
26.	Alexandra Teodora RADU, Mariana BURCEA	LOSSES OF SOIL THROUGH EROSION TO THE CHERNOZEM SUBTYPE ARGIC FROM THE PERIMETER OF THE STATION FOR STUDY OF SOIL EROSION LOCATED IN THE HILL AREA OF BUZĂU COUNTY- ROMANIA IN 2023
27.	Daniela RĂDUCU, Irina-Carmen CALCIU, Alina-Carmen GHERGHINA, Alexandrina MANEA, Olga VIZITIU, Anca-Rovena LĂCĂTUȘU	THE IMPURE CLAY COATINGS AS IMPORTANT PEDOFEATURES OF THE PHAEZEM FERTILITY BEARING
28.	Daniela RĂDUCU, Alina-Carmen GHERGHINA	THE CALCIUM CARBONATE EVOLUTION INFLUENCING THE PHISICO-CHEMICAL CHARACTERISTICS OF THE LONG TERM IRRIGATED CHERNOZEMS AND THEIR CLASSIFICATION
29.	Larisa Elena RÎPA (TOPÂRCEANU), Viorel GHIORȚAN, Georgeta GUȚĂ, Leonard ILIE	RESEARCH ON THE CHARACTERIZATION OF SOIL RESOURCES SPECIFIC TO THE TERRACE AREA IN ROȘEȚI COMMUNE, CĂLĂRAȘI COUNTY

No.	Authors	Paper Title
30.	Alexandru SÎNTU-LĂSAT	RESEARCH ON SOIL AND CROP MACROELEMENTS CONTENT CORELATED WITH LAND RECLAMATION WORKS
31.	Andrei SIURIS, Tamara LEAH	THE INFLUENCE OF ORGANIC FERTILIZERS ON THE QUALITY OF ERODED COMMON CHERNOZEM
32.	Vera STEFANOVA, Manol DALLEV, Petya GENKOVA	A NEW BODY INVESTIGATION FOR SURFACE SOIL FRAGMENTATION BY USING GIS
33.	Daniela TRIFAN, Alin Ionel GHIORGHE, Emanuela LUNGU, Daniel George SERBAN, Vlad MIHAILA	METHODS OF REMEDIATION OF SALINE SOILS IN LONG-TERM EXPERIENCES AND THROUGH RICE CULTIVATION AT ARDS BRAILA
34.	Valentina Mihaela VASILE, Mircea MIHALACHE	THE USE OF SECONDARY PRODUCTS FROM THE STEEL INDUSTRY ON AGRICULTURAL CROPS
35.	Ludmila VOROTYNTSEVA, Sviatoslav BALIUK, Maryna ZAKHAROVA, Evgen SKRYLNIK, Volodymyr GAVRILYUK	AGRONOMIC ASSESSMENT OF THE SUITABILITY OF BOTTOM SEDIMENTS OF PONDS FOR INCREASING SOIL FERTILITY
36.	Nedyalka YORDANOVA, Nikolay MINEV, Svetla KOSTADINOVA	EFFICIENCY OF NITROGEN FERTILIZATION IN WHEAT AND BARLEY GROWN UNDER DIFFERENT FERTILIZATION SYSTEMS

CROP SCIENCES

1.	Lorena ADAM, Manuela HERMEZIU, Nichita NEGRUSERI	IDENTIFICATION OF SOME POTATO CLONES WITH RELATIVE RESISTANCE TO LATE BLIGHT (<i>Phytophthora infestans</i>) IN CENTRAL PART OF ROMANIA
2.	Roxana-Georgiana AMARGHIOALEI, Paula-Lucelia PINTILIE, Elena TROTUȘ, Andreea Sabina PINTILIE, Monica HEREA, Mihai TĂLMACIU	FLIGHT DYNAMICS OF THE SPECIES <i>Diabrotica virgifera virgifera</i> Le Conte IN MAIZE CROPS IN CENTRAL MOLDOVA, IN THE PERIOD 2021-2023
3.	Florin Gabriel ANTON, Laura CONTESCU, Maria JOIȚA-PĂCUREANU, Mihaela POPA, Victor PETCU	PERFORMANCE OF SEVERAL SUNFLOWER HYBRIDS UNDER SEMICONTINENTAL CLIMATE OF SOUTHERN ROMANIA

No.	Authors	Paper Title
4.	Claudia Ramona AVRAM, Ștefan Laurențiu BĂTRÎNA, Ilinca IMBREA, Lucian BOTOȘ, Simona NIȚĂ, Florin CRISTA, Saida FEIER DAVID, Florin IMBREA	STUDY OF AGRONOMIC CHARACTERISTICS OF AN ASSORTMENT OF SWEET CORN HYBRIDS
5.	Andrei BĂNICĂ	THE INFLUENCE OF TILLAGE METHODS AND FERTILIZATION ON TWINNING AND THE OBTAINING OF PRODUCTIVE SIBLINGS IN THE GRAIN SORGHUM IN THE CONDITIONS OF SĂRĂȚENI, IALOMIȚA
6.	Teodora BARAKOVA	INFLUENCE OF THE VEGETATION- APPLIED HERBICIDES “ENVOKE” AND “STAPLE” ON SOME STRUCTURAL ELEMENTS OF PRODUCTIVITY AND YIELD OF COTTON (<i>Gossypium hirsutum</i> L.)
7.	Ancuța BĂRBIERU	CORRELATION DEPENDENCES OF QUANTITATIVE TRAITS IN WINTER PEA GENOTYPES
8.	Diana BATÎR RUSU, Danela MURARIU, Domnica Daniela PLĂCINTĂ, Cristian TUDOSE, Elena Liliana CHELARIU, Oana MÎRZAN, Margareta NAIE	PHENOTYPIC DIVERSITY OF COMMON BEAN (<i>Phaseolus vulgaris</i> L.) GERMPLASM, A POTENTIAL CROP FOR ENSURING FOOD SECURITY
9.	Halyna BILOVUS, Yulia LISOVA, Oleksandra VOLOSHCHUK, Roman ILCHUK, Mariia VOROBEL, Halyna PANAKHYD, Natalia RUDAVSKA, Valentine HLYVA, Igor VOLOSHCHUK	THE MOST COMMON DISEASES OF WINTER WHEAT IN THE CONDITIONS OF THE WESTERN FOREST-STEPPE OF UKRAINE
10.	Halyna BILOVUS, Maria TERLETSKA, Yulia LISOVA, Halyna MARUKHNIAK, Oleksandra VOLOSHCHUK, Ilchuk ROMAN, Mariia VOROBEL, Ludmyla GAVRYLYUK, Oksana AFANASIEVA, Mykhailenko SVITLANA	RESISTANCE OF WINTER BARLEY TO FUNGAL DISEASES DEPENDING ON THE VARIETY
11.	Alexei BIVOL, Sergiu BĂDĂRĂU, Elena IURCU-STRĂISTARU, Eliza BIVOL, Natalia CĂRLIG	THE RESULTS OF THE RESEARCH OF SOME NEW REMEDIES WITH FUNGICIDAL ACTION ON THE AUTUMN BARLEY CROP IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

No.	Authors	Paper Title
12.	Tatyana BOZHANSKA, Magdalena PETKOVA, Minko ILIEV, Mariya GEORGIEVA, Diyan GEORGIEV, Denitsa HRISTOVA	BOTANICAL AND BASIC CHEMICAL COMPOSITION OF FORAGE FROM PERENNIAL GRASS CROPS GROWN IN MONOCULTURE AND MIXED GRASSLAND UNDER MOUNTAIN CONDITIONS
13.	Petre Marian BREZEANU, Mariana CALARA, Andreea Beatrice CATANĂ, Denisa SEVERIN, Andreea ANTAL TREMURICI, Creola BREZEANU	GENOMIC APPROACHES AND GERMPLASM DIVERSITY FOR CHICKPEA IMPROVEMENT
14.	Ciprian BUZNA, Marinel Nicolae HORABLAGA, Florin SALA	IMAGING ANALYSIS IN CORN CROP EVALUATION UNDER HYDRIC STRESS CONDITION
15.	Andrei CHIRILOAIE-PALADE, Mihai GÎDEA, Viorel FĂTU, Roxana ZAHARIA	RESEARCH ON THE INFLUENCE OF CLIMATIC PARAMETERS ON THE GEOGRAPHICAL DISTRIBUTION OF THE PEST <i>Tanymeceus dilaticollis</i> Gyll. IN THE ROMANIAN PLAIN
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5.	Gabi Valentin CÎRSTEA, Elena Ștefania IVAN, Liliana TUDOREANU	RESEARCH ON THE INFLUENCE OF COMMON LEAF SPOT ATTACK ON THE MINERAL CONTENT IN LUCERNE
6.	Stelica CRISTEA, Elena Ștefania IVAN, Ștefana JURCOANE, Brândușa DUMITRIU, Mihaela NICULESCU, Alina PERIȘOARA, Mirela CĂLINESCU, Laura OLARIU	<i>IN VITRO</i> ANTIFUNGAL ACTIVITY OF SOME BIOPESTICIDE PROTOTYPES ON THE FUNGUS <i>Fusarium</i> spp.
7.	Monica ENACHE, Silvana Mihaela DĂNĂILĂ-GUIDEA, Adrian Gheorghe BĂȘA, Ștefana JURCOANE	PRELIMINARY ANALYSIS OF 8 BEE POLLEN SAMPLES COLLECTED AT THE MOARA DOMNEASCĂ EXPERIMENTAL STATION DURING AUTUMN 2021
8.	Cristian Mihai ENESCU	PERSPECTIVES ON FIELD PROTECTIVE SHELTERBELTS: AN ESSENTIAL COMPONENT FOR AGROFORESTRY SYSTEM EXPANSION ACROSS ROMANIA
9.	Iuliana Elena GOLACHE, Iulia MINEAȚĂ, Ionel PERJU, Ionuț Vasile UNGUREANU, Nela TĂLMACIU, Mihai TĂLMACIU	RECENT RESULTS REGARDING THE ENTOMOFAUNA EXISTING IN SOME BOXWOOD PLANTATIONS FROM IAȘI AREA
10.	Ioana GROZEA, Denisa-Daliana SFIRCULUS, Levente MOLNAR, Ramona ȘTEF, Snejana DAMIANOV, Alin CARABET, Ana Maria VIRTEIU	HARMFUL IMPACT OF BROWN MARMORATED STINK BUGS IN AGRICULTURAL AND HORTICULTURAL CROPS IN TIMIS COUNTY AND ATTEMPTS TO CONTROL THEM
11.	Lorena-Roxana GURĂU, Ioan RADU, Andreea COSOVEANU, Leonard ILIE	NEW INSIGHTS INTO THE REMEDIATION OF POLLUTED SOILS USING ENDOPHYTIC FUNGI
12.	Minodora GUTUE, Ionela DOBRIN, Emilia CIOCHINA, Vasilica LUCHIAN	INCIDENCE OF <i>Nezara viridula</i> L. ATTACK ON SOME HOST PLANTS

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13.	Beatrice IACOMI, Ioana Claudia SANDU	MICROBIAL COMMUNITY ASSOCIATED WITH SPICES
14.	Nicoleta ION, Cosmin Alexandru IANCU, Eliza CĂUIA	POLLINATOR DIVERSITY IN RAPESEED CROPS OF SOUTH ROMANIA
15.	Adriana Laura MIHAI, Mioara NEGOIȚĂ, Alina Cristina ADASCĂLULUI	POLYCYCLIC AROMATIC HYDROCARBONS OCCURRENCE IN CEREAL BASED-PRODUCTS - A REVIEW
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17.	Alina NEACȘU, Gabriel ARSENE, Florin SALA, Alina LATO, Ilinca IMBREA, Diana OBISTIOIU, Iaroslav LATO	TENDENCIES IN WET ZONES VEGETATION EVOLUTION UNDER ANTHROPIC DISTURBANCES IN THE ROMANIAN BANAT
18.	Mioara NEGOIȚĂ, Adriana Laura MIHAI, Alina Cristina ADASCĂLULUI	COMPARISON OF SOME EXTRACTION TECHNIQUES FOR THE DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) FROM OILSEEDS BY GC-MS/MS
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21.	Sorina NIȚU (NĂSTASE), Emilia CONSTANTINESCU, Dorina BONEA, Ion SĂRĂCIN	PLANTING PERIOD - IMPORTANT SEQUENCE IN ESTABLISHING THE CULTIVATION TECHNOLOGY IN <i>Primula officinalis</i> HILL. SPECIES
22.	Raul PASCALAU, Laura ȘMULEAC, Adrian ȘMULEAC, Alina PĂDUREAN, Laura Rebeca STIEGELBAUER, Piotr PRUS, Mahfoud BAKLI	CONTEMPORARY INFLUENCE OF EDUCATIONAL APPROACHES ON AGRICULTURAL PRACTICES

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23.	Victor PETCU, Mihaela POPA, Laurențiu CIORNEI, Petruța Simona SIMION, Adela Sorinela SAFTA, Ioana Claudia TODIRICĂ, Andrei Tudor ZAHARIA	DIVERSE MULTISPECIES INTERCROPPING OF ANNUAL PLANTS FOR ORGANIC FARMERS IN SOUTH EAST ROMANIA
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26.	Laura RĂDULESCU, Patricia TARKANYI, Ariana Bianca VELCIOV, Liana Maria ALDA, Simion ALDA, Despina-Maria BORDEAN	NETTLE BREAD, A POTENTIAL FUNCTIONAL PRODUCT
27.	Gheorghe ROGOBETE, Adia GROZAV	ARID CLIMATE IMPROVEMENT IN THE LOW PLAIN ARANCA WITH FRUIT TREE AND FOREST SHELTER - BELTS
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29.	Edlira SHAHINASI, Ferdi BRAHUSHI, Fiosela RIRA	USE OF FUNGICIDES IN AGRICULTURE SECTOR AND FARMERS' AWARENESS ON RELATED EFFECTS TO THEIR APPLICATION
30.	Aurelia Renate SIPOS, Mihai TĂLMACIU, Ion MITREA, Monica HEREA, Ionela MOCANU, Nela TĂLMACIU	RESEARCH ON THE BIODIVERSITY OF CARABIDS (ORDER <i>Coleoptera</i> , FAMILY <i>Carabidae</i>), PREDATORY INSECTS IN SOME AGRICULTURAL ECOSYSTEMS ACCORDING TO THE APPLIED TECHNOLOGY AND IN THE CONTEXT OF NEW CLIMATE CHANGES

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31.	Floriana Maria STEFAN, Ioana BERINDEAN, Andreea TICAN, I. RACZ	USING RAPD MARKERS TO ESTABLISH DNA FINGERPRINT AND TO STUDY THE GENETIC VARIABILITY DISCRIMINATION BETWEEN TWO ROMANIAN POTATO VARIETIES
32.	Nela TĂLMACIU, Mihai TĂLMACIU, Ionela MOCANU, Monica HEREA	DIVERSITY OF PREDATORY CARABID SPECIES (<i>Coleoptera</i> , <i>Carabidae</i>) FROM CORN CROPS IN NORTHEAST ROMANIA
33.	Cristina ȚANE LUMÎNARE, Stelica CRISTEA	RESEARCH ON THE EFFECTIVENESS OF HYDROGEN PEROXIDE AND AZOXISTROBIN TREATMENTS IN THE ATTACK OF <i>Fusarium</i> spp. IN STRAWBERRY CROP
34.	Andreea TICAN, Mihaela CIOLOCA, Monica POPA	THE EFFECT OF ANTIVIRAL TREATMENTS FOR <i>IN VITRO</i> POTATO CULTURE ON THE GROWTH AND DEVELOPMENT OF PLANTLETS AND ON THE ELIMINATION OF THE <i>Potato virus S</i>
35.	Victor ȚÎȚEI, Andreea ANDREOIU, Sergiu COȘMAN, Vasile BLAJ, Ana GUȚU, Teodor MARUȘCA, Valentina COȘMAN	BIOMASS QUALITY OF COMFREY, <i>Symphytum officinale</i> , AND ITS POTENTIAL APPLICATION IN THE REPUBLIC OF MOLDOVA
36.	Victor ȚÎȚEI	THE EVALUATION OF THE BIOMASS QUALITY OF TALL OATGRASS, <i>Arrhenatherum elatius</i> (L.) Beauv, AND PROSPECTS OF ITS USE IN MOLDOVA
37.	Fulvia Florica VLAD, Beatrice Michaela IACOMI	PATHOGENIC MYCOBIOTA OF ORNAMENTAL PLANTS FROM GREEN AREA IN THE CITY OF BUCHAREST, ROMANIA
38.	Veselka VLAHOVA	ENVIRONMENTAL ADVANTAGES OF THE USE OF BIOFERTILIZERS IN THE AGROECOSYSTEM - A REVIEW
39.	Ioan ALEXANDRU, Elena Ștefania IVAN	RESEARCH ON THE ATTACK OF MONILIOSIS ON PLUM, LOCATION SOIMARI, COUNTY, PRAHOVA, IN THE PERIOD 2017-2019