



## Section 1

# **AGRONOMY**

## SCIENTIFIC COMMITTEE

- Dimitrios BILALIS – Agricultural University of Athens, Greece
- 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 ERDOĞAN – 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 – Banat University of Agricultural Sciences and Veterinary Medicine “King Mihai I of Romania” from Timișoara, 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” University of Agricultural Sciences and Veterinary Medicine of 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 – “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine of 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 SÂNDOIU – University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Philippe SIMONEAU – University of Angers, France
- Gheorghe SIN – “Gheorghe Ionescu-Șișești” Academy of Agricultural and Forestry Sciences, Romania
- 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*

*Agronomy Section Raporteurs:*

*Prof. Dr. Mircea MIHALACHE*

*Prof. Dr. Costică CIONTU*

---

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

**E-mail:** [agricultureforlife@usamv.ro](mailto:agricultureforlife@usamv.ro); [agronomyjournal.usamv.ro](mailto:agronomyjournal.usamv.ro)

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

## THURSDAY, 3<sup>TH</sup> OF JUNE, 2021

- 14:00 – 14:10 *Opening virtual session*
- 14:10 – 16:00 *Virtual Paper Presentation – Session 1*
- 16:00 – 16:30 *Virtual networking session / Q & A Session*
- 16:30 – 17:30 *Virtual Poster display*

### SESSION 1

Time: 14:00 – 16:00

*Session Moderator: Prof. Dr. Leonard ILIE*

No	Authors	Paper Title
<b>OPENING &amp; WELCOME</b> <b>Prof. Dr. Costică CIONTU – Dean, Faculty of Agriculture</b>		
1.	Daniel ALEXANDRU, Maria-Alexandra RADU, Andreea POPESCU	MAPPING REAL EVAPOTRANSPIRATION IN WINTER WHEAT AND NON-IRRIGATED MAIZE CROPS DURING THE AGRICULTURAL SEASON 2019-2020
2.	Tamara MYSLYVA, Branislava SHELIUTA, Vera BUSHUEVA	USE OF MEDIUM AND HIGH-RESOLUTION REMOTE SENSING DATA AND MARKOV CHAINS FOR FORECASTING PRODUCTIVITY OF NON-CONVENTIONAL FODDER CROPS
3.	Camelia OROIAN, Iulia Cristina MUREȘAN, Ioan OROIAN, Petru BURDUHOS	ROMANIAN CONSUMERS BEHAVIOR TOWARDS DOMESTIC FOOD WASTE
4.	Feodor FILIPOV, Sorin CĂPȘUNĂ, Tudor AOSTACIOAEI, Denis ȚOPA	AMPLIFICATION OF COMPACTION AND SALINIZATION OF POLYTUNNELS SOILS WITH COARSE TEXTURE AFTER MULCHING WITH PLASTIC FOIL
5.	Feodor FILIPOV, Esmeralda CHIORESCU	<i>Equisetum arvense</i> L. AS A BIOINDICATOR OF ACID SOILS

No	Authors	Paper Title
6.	Nicolae IONESCU, Cristina GHIORGHE, Robert Marian GHEORGHE, Mariana Cristina NICOLAIE, Oana Daniela BADEA, Diana Maria POPESCU	FIRST WINTER WHEAT VARIETY VARIABILITY BY PLANTS MORPHOLOGY FROM WHITE LUVIC SOIL CONDITIONS
7.	Diana DOGARU, Cătălin LAZĂR	ESTIMATION OF MAIZE YIELDS IN THE BARAGAN PLAIN (ROMANIA) - A SPATIALLY EXPLICIT APPLICATION OF A CROP GROWTH MODEL
8.	Victor ȚÎȚEI	THE QUALITY OF FRESH AND ENSEILED BIOMASS OF <i>Brassica napus oleifera</i> AND PROSPECTS OF ITS USE
9.	Victor ȚÎȚEI, Andreea ANDREOIU, Vasile BLAJ, Adrian NAZARE, Cristina TENTIUC, Teodor MARUȘCA, Serghei COZARI, Mihai STAVARACHE, Natalia MOCANU, Ana GUȚU, Sergiu COȘMAN, Natalia CÎRLIG	THE QUALITY OF MEADOW FESCUE, <i>Festuca pratensis</i> , UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
10.	Ilie BODALE, Feodor FILIPOV	INFLUENCE OF THE DRIP IRRIGATION AND PLASTIC MULCH ON THE WATER DISTRIBUTION AND COMPACTNESS STATE OF GREENHOUSES SOIL WITH MEDIUM TEXTURE
11.	Boyka MALCHEVA	MICROBIAL AND ENZYME DECOMPOSITION OF PROTEINS TO RECLAIMED SUBSTRATES - VEGETATION EXPERIMENT WITH <i>Lolium perenne</i>
12.	Pavlina NASKOVA, Boyka MALCHEVA, Dragomir PLAMENOV	INFLUENCE OF YARA MINERAL FERTILIZER PRODUCTS ON AGROCHEMICAL INDICATORS AND MICROBIOLOGICAL ACTIVITY IN SOILS AT COMMON WINTER WHEAT

16:00 – 16:30 *Virtual networking session/Q & A Session*

16:30 – 17:30 *Virtual Poster display*

## FRIDAY, 4<sup>TH</sup> OF JUNE, 2021

08:00 – 09:00	<i>Online registration of participants</i>
09:00 – 11:00	<i>Virtual Paper Presentation – Session 2</i>
11:00 – 11:30	<i>Virtual networking session/Q &amp; A Session</i>
11:30 – 13:30	<i>Virtual Paper Presentation – Session 3</i>
13:30 – 14:00	<i>Virtual networking session/Q &amp; A Session</i>
14:00 – 14:30	<i>Virtual networking session/Break</i>
14:30 – 16:30	<i>Virtual Poster display</i>
16:30	<i>Closing session</i>

### SESSION 2

Time: 09:00 – 11:00

*Session Moderator: Prof. Dr. Viorel ION*

No	Authors	Paper Title
1	Yurii DEHTIAROV, Vasyl DEGTYARJOV, Olena CHEKAR, Stanislav KROKHIN, Vitaliy RYSHKIN	INFLUENCE OF DRIP IRRIGATION ON THE CHEMICAL PARAMETERS OF TYPICAL CHERNOZEM
2	Emil GEORGESCU, Maria TOADER, Lidia CANĂ, Luxița RĂȘNOVEANU, Leliana VOINEA	HOW EFFECTIVE IS FOLIAR TREATMENT FOR CONTROLLING THE MAIZE LEAF WEEVIL ( <i>Tanymecus dilaticollis</i> Gyll) IN ROMANIA?
3	Nadiya KUDRIA, Serhiy KUDRIA, Zinaida DEHTIAROVA	INFLUENCE OF PRECURSORS ON BIOMETRIC INDICATORS AND YIELD OF WINTER WHEAT IN DIFFERENT AGROBIOCENOSES
4	Abbas BIABANI, Azam ROUMANI, Ali RAHEMI KARIZAKI, Ebrahim GHOLAMALIPOUR ALAMDARI	ROLE OF FOLIAR SPRAY OF SALICYLIC ACID AND SPERMINE ON SOME CHARACTERISTICS OF ISABGOL ( <i>Plantago ovata</i> Forssk)

No	Authors	Paper Title
5	Luiza-Silvia CHIRIAC, Dumitru MURARIU	PLANT - SOIL FAUNA INTERACTION - BIOINDICATORS OF SOIL PROPERTIES IN AGROECOSYSTEMS
6	Cemal KURT, Ahmet DEMIRBAS	ASSESSMENT OF MINERAL ELEMENTS CONTENT OF DIFFERENT SESAME GENOTYPES
7	Dragomir PLAMENOV, Pavlina NASKOVA, Boyka MALCHEVA, Nadezhda ALTUNYAN	STUDY OF THE INFLUENCE OF YARA MINERAL FERTILIZER PRODUCTS ON BIOMASS, PRODUCTIVITY AND QUALITY INDICATORS OF GRAIN FROM COMMON WINTER WHEAT
8	Vladyslava FOMENKO, Vasyl DEHTIAROV, Alla KAZIUTA, Oleksandr KAZIUTA	HUMIFICATION OF PLANT RESIDUES UNDER OPTIMAL CONDITIONS
9	Oleksandr KAZIUTA, Alla KAZIUTA, Nataliia PALAMAR	OXIDIZED AND REDUCED FORMS OF IRON IN ALLUVIAL SOILS OF FLOODPLAINS OF RIVERS OF THE SIVERSKY DONETS BASIN
10	Hakan GOKER, Hasan Huseyin OZTURK, Hasan Kaan KUCUKERDEM	FUEL CONSUMPTION AND CO <sub>2</sub> EMISSIONS IN SILAGE CORN PRODUCTION IN KOCAELI PROVINCE OF TURKEY
11	Alina-Petronela HALLER, Georgia-Daniela TACU HÂRŞAN	ROMANIAN AGRICULTURAL MARKET: THE RELATIONSHIP BETWEEN ECONOMIC GROWTH, ORGANIC PRODUCTION AND THE LABOUR MARKET

11:00 – 11:30 *Virtual networking session/Q & A Session*



## SESSION 3

Time: 11:30 – 13:30

Session Moderator: Assoc. Prof. Dr. Lenuța Iuliana EPURE

No	Authors	Paper Title
1	Marilena ONETE, Luiza-Silvia CHIRIAC, John Owen MOUNTFORD, Minodora MANU	GROUNDWATER AND NATURA 2000: LINKING ROMANIAN HABITATS TO HYDROLOGY
2	Abdelhamid BENMOUMOU, Saïd EL MADIDI	CONTRIBUTION TO THE EVALUATION OF <i>Citrullus colocynthis</i> (L) SCHRAD AS POTENTIAL BIODIESEL FEEDSTOCK: SEED YIELD, OIL CONTENT AND YIELD COMPONENTS
3	Attila TAMAS, Elena-Mirela DUȘA, Nicoleta VRÎNCEANU, Vasilica STAN	EVALUATION OF THE AGRONOMIC, ECONOMIC AND ECOLOGICAL EFFECTS OF THE COMPOST OBTAINED FROM THE ORGANIC FRACTION OF MUNICIPAL SOLID WASTE
4	Nicolae DINCĂ, Daniel DUNEA, Ana-Maria STANCIU, Nicolae PĂTRU	TESTING A SELECTION OF ALFALFA VARIETIES FOR ECOLOGICAL PLASTICITY, PRODUCTIVITY AND A NUMBER OF QUALITATIVE PARAMETERS
5	Serhii RIEZNIK, Dmytro HAVVA, Olena CHEKAR	ENZYMATIC ACTIVITY OF TYPICAL CHERNOZEMS UNDER THE CONDITIONS OF THE ORGANIC FARMING SYSTEMS
6	Akas Pinarigan SUJALU	TEMPERATURE INCREASED IMPACT ON THE PRODUCTIVITY OF LADANG (SWIDDEN FIELD) AT MALINAU REGENCY, EASTKALIMANTAN
7	Arshad JAVAID, Syeda Fakehha NAQVI, Amna SHOAB, Iqra Haider KHAN	BIOLOGICAL CONTROL OF FUSARIUM WILT OF TOMATO BY APPLICATION OF <i>Penicillium</i> spp. AND <i>Chenopodium murale</i>
8	Abdul QAYYUM	IMPACT OF SILVER NANOPARTICLES ON BIOCHEMICAL ASPECTS, GROWTH AND YIELD OF WHEAT
9	Amna SHOAB	ZINC HIGHLY POTENTIATES THE PLANT DEFENSE RESPONSES AGAINST <i>Macrophomina phaseolina</i> IN MUNG BEAN

13:30 – 14:00 *Virtual networking session / Q & A Session*

14:00 – 14:30 *Virtual networking session / Break*

14:30 – 16:30 *Virtual Poster display*

16:30 *Closing session*

## POSTER SESSION – Virtual Poster display

THURSDAY, 3<sup>th</sup> of JUNE: 16:30 – 17:30

FRIDAY, 4<sup>th</sup> of JUNE: 9:00 – 16:30

*Session Moderators:* Prof. Dr. Doru Ioan MARIN  
Lecturer Dr. Adrian Gheorghe BĂȘA

No	Authors	Paper Title
<b>SOIL SCIENCES</b>		
1.	Assim Shabeeb AbdulHussein ABDULHUSSEIN, Mircea MIHALACHE	USE OF REMOTE SENSING TECHNIQUES AND GEOGRAPHIC INFORMATION SYSTEMS TO IDENTIFY DEGRADED LAND IN DHI QAR REGION FROM IRAK
2.	Szilárd BARTHA, Ioan TĂUT, Győző GOJI, Ioana Andra VLAD, Laviniu Ioan NUȚU BURESCU, Cristina MUREȘAN	EVALUATION OF SOIL POLLUTION DEGREE IN THE COPȘA MICĂ AREA (ROMANIA) BY MEANS OF RELATIVE INDICES
3.	Lilia BOAGHE, Vladimir FILIPCIUC, Iurii ROZLOGA, Olesea COJOCARU	RESEARCH OF THE PHYSICAL AND CHEMICAL PROPERTIES OF THE AUTOMORPHIC CHERNOZEM SOLONETZS ON THE TERRITORY OF THE REPUBLIC OF MOLDOVA
4.	Valerian CERBARI, Tamara LEAH, Marina LUNGU	GENETIC PECULIARITIES OF THE NATURAL AND AGRICULTURAL GREY SOILS FROM THE REPUBLIC OF MOLDOVA FOREST-STEPPE
5.	Nikolay CHEKAEV, Yulia BLINOKHVATOVA, Nikolay SMOLIN	CHANGE IN AGROCHEMICAL INDICATORS OF LEACHED CHERNOZEM IN NO-TILL TECHNOLOGIES
6.	Olesea COJOCARU, Vladimir FILIPCIUC, Iurii ROZLOGA, Lilia BOAGHE	RESEARCH OF CO <sub>2</sub> EMISSIONS IN THE REPUBLIC OF MOLDOVA AND IN SOIL UNDER DIFFERENT FIELD CROPS
7.	Gheorghe COTEȚ, Andreea COȘOVEANU, Ioan RADU, Aurelia DIACONU, Rodi MITREA	A SLIME MOULD – SWEET POTATO ASSOCIATION ON SANDY SOILS OF ROMANIA
8.	Mihaela DOGARU, Damian DRAGOMIR	RESEARCH ON SOIL FERTILITY IN THE EXPERIMENTAL FIELD AT THE MOARA DOMNEASCA EXPERIMENTAL STATION
9.	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Eugen ULEA	INFLUENCE OF SEED-PROTECTANT PESTICIDES ON SOIL <i>Azotobacter</i> AND <i>Clostridium</i> NITROGEN-FIXING BACTERIA

No	Authors	Paper Title
10.	Kuhmaz KUKHMAZOV, Alexey MACHNEV, Sergey GUBSKY	SUBSTANTIATION OF THE PARAMETERS OF THE COMBINE HEADER FEEDER CHAMBER CONVEYOR
11.	Iaroslav LATO, Alina NEACȘU, Florin CRISTA, Isidora RADULOV, Adina BERBECEA, Marius BOLDEA, Alina LATO, Argeime LOPEZ	THE ESSENTIAL ROLE OF NITROGEN FERTILIZATION UPON PROTEIN AND OIL CONTENT OF MAIZE AND SUNFLOWER YIELDS IN BANAT PLAIN, WESTERN ROMANIA
12.	Andrei MOȚ, Roxana MADJAR, Liliana BĂDULESCU, Aurora DOBRIN, Carmen Gabriela CONSTANTIN, Mircea MIHALACHE	HEAVY METAL UPTAKE PATTERNS BY SPINACH ( <i>Spinacia oleracea</i> L.) GROWN ON CONTAMINATED DIFFERENT SOIL TYPES
13.	Iulian Bogdan MUȘAT, Roxana CICEOI, Marian MUȘAT, Mircea MIHALACHE	CHANGES OF PHYSICAL PROPERTIES IN SOILS UNDER TRADITIONAL SOIL MANAGEMENT IN ARABLE CROPS, IN THE SOUTHERN PART OF ROMANIA
14.	Valentina Mihaela PETCU (VASILE), Mircea MIHALACHE	THE USE IN AGRICULTURE OF CALCAREOUS AMENDMENTS AND THEIR INFLUENCE ON THE CHEMICAL PROPERTIES OF THE REDDISH LUVOSOIL FROM THE MOARA DOMNEASCA STATION, SOUTHEASTERN ROMANIA
15.	Adrian PICA, Florin BOJA, Petru DARAU, Corneliu MAIOR, Ciprian FORA, Mihaela MOATAR, Nicușor BOJA	METHODS FOR SEEDBED PREPARATION IN FORESTRY NURSERIES
16.	Adrian PICA, Florin BOJA, Alin TEUȘDEA, Ciprian FORA, Mihaela MOATAR, Nicușor BOJA	THE IMPACT ON SOME PHYSICO-MECHANICAL PROPERTIES OF SOIL PROCESSING USING THE VIBROCOMBINATOR IN FORESTRY NURSERY
17.	Andrei-Georgian PÎRVAN, Adrian BASARABĂ, Nicolae FARCAȘ, Ștefana JURCOANE, Florentina MATEI	THE INFLUENCE OF THE AGRICULTURAL PRACTICES AND ENVIRONMENTAL CONDITIONS ON THE SOIL MICROBIAL COMMUNITY IN <i>Camelina sativa</i> CULTURE
18.	Irina PLISKO, Tatiana BYNDYCH, Svitlana KRYLACH, Svitlana NAKISKO, Kateryna UVARENKO	THE DIAGNOSTICS AND CARTOGRAPHIC-ANALYTIC ASSESSMENT OF THE ARABLE SOILS DEGRADATION IN UKRAINE BY SPACE SCANNING DATA

No	Authors	Paper Title
19.	Alin POPA, Teodor RUSU, Alina ȘIMON, Florin RUSSU, Marius BĂRDAȘ, Vasile OLTEAN, Loredana SUCIU, Adina TĂRAU, Nicu Claudiu MERCA	INFLUENCE OF BIOTIC AND ABIOTIC FACTORS ON MAIZE CROP YIELD IN TRANSYLVANIAN PLAIN CONDITIONS
20.	Iurii ROZLOGA, Vladimir FILIPCIUC, Olesea COJOCARU, Lilia BOAGHE	RESEARCH OF VECTOR MONITORING OF SOIL PROFILES IN IALOVENI DISTRICT BASED ON DIGITALIZED MATERIALS
21.	Eusebiu SAFTA, Leonard ILIE	THE EFFECT OF APPLYING ON AGRICULTURAL LAND OF THE COMPOST FROM SEWAGE SLUDGE ON THE SOIL AND THE MAIZE CROP
22.	Irina SENICOVSCAIA, Andriana DANILOV, Andrei DANILOV	ABUNDANCE AND BIODIVERSITY OF INVERTEBRATES IN BROWN SOILS OF NATURAL AND AGRICULTURAL ECOSYSTEMS
23.	Larysa SHEDIEI, Angela KUTOVA, Pavlo PANOV, Ievgen SKRYLNYK, Viktoriia HETMANENKO	SOIL CHEMICAL INDICATORS OF MEADOW CHERNOZEM UNDER LONG- TERM ORGANIC FARMING: EXPERIENCE FROM UKRAINE
24.	Vasily SHUMAEV, Andrey KALABUSHEV, Julia KULIKOVA, Alfiya GUBANOVA	THEORETICAL RESEARCH On TECHNOLOGICAL PROCESS OF A STUD SEEDER WITH A FURROW-FORMING WORKING BODY
25.	Stefka STEFANOVA-DOBREVA, Angelina MUHOVA	DISPERSION AND REGRESSION ANALYSIS ON GRAIN YIELD AND NITROGEN FERTILIZATION OF TRITICALE VARIETIES I
26.	STEFKA STEFANOVA-DOBREVA, ANGELINA MUHOVA	DISPERSION AND REGRESSION ANALYSIS ON GRAIN YIELD AND NITROGEN FERTILIZATION OF TRITICALE VARIETIES II
27.	Vyacheslav TERYUSHKOV, Alexey CHUPSHEV, Vladimir KONOVALOV, Mikhail TEREKHIN	COMPARISON RESULTS OF GRAIN CRIMPING PRODUCTS WITH ROLLER AND DISC WORKING BODIES
28.	Ludmila VOROTYNTSEVA, Sviatoslav BALIUK, Maryna ZAKHAROVA	EFFECT OF IRRIGATION ON THE EXCHANGEABLE CATIONS COMPOSITION IN CHERNOZEMS

No	Authors	Paper Title
29.	Carmen ZAFIU, Mircea MIHALACHE	RESEARCH ON THE INFLUENCE OF TECHNOLOGICAL SYSTEMS ON MAIZE CULTIVATION IN THE SOUTH OF DOLJ COUNTY, ROMANIA

#### CROP SCIENCES

- |    |   |   |
|----|---|---|
| 1. | Jeni Mădălina ANGHEL (COJOCARU),<br>Doru Ioan MARIN   | SELECTIVITY AND EFFECTIVENESS OF HERBICIDES APPLIED TO CHICKPEAS CULTURE UNDER THE CONDITIONS OF S.C.D.A. TELEORMAN   |
| 2. | Florin Gabriel ANTON  | BEHAVIOR OF SOME EXPERIMENTAL SUNFLOWER HYBRIDS IN DIFFERENT LOCATION   |
| 3. | Stefan Laurentiu BĂTRÎNA,<br>Ștefana JURCOANE,<br>Ilinca Merima IMBREA,<br>Georgeta POP,<br>Iuliana Maria POPESCU,<br>Florin IMBREA | NUTRITIVE QUALITY OF CAMELINA VARIETIES WITH SPECIAL FOCUS ON OIL   |
| 4. | Rodica BEICU, Ersilia ALEXA,<br>Marius BOLDEA, Georgeta POP,<br>Alina NEACȘU, Ilinca IMBREA   | SIMILARITY ANALYSIS OF THE POLYPHENOLIC PROFILE TO SPONTANEOUS SPECIES OF THE <i>Thymus</i> GENUS FROM BANAT (ROMANIA)  |
| 5. | Elena BONCIU, Gabriela PĂUNESCU,<br>Elena ROȘCULETE,<br>Cătălin Aurelian ROȘCULETE,<br>Aurel Liviu OLARU                            | STUDY OF THE INFLUENCE OF INTERACTION VARIETY x YEAR x LOCATION ON WINTER WHEAT YIELD CULTIVATED IN DIFFERENT LOCATIONS IN THE PERIOD 2018-2020                                       |
| 6. | Dorina BONEA,<br>Ioana Claudia DUNĂREANU  | IMPACT OF THERMAL REQUIREMENT ON GROWTH AND GRAIN YIELD OF MAIZE HYBRIDS UNDER RAINFED CONDITIONS   |
| 7. | Tatyana BOZHANSKA,<br>Minko ILIEV, Magdalena PETKOVA,<br>Biser BOZHANSKI  | IMPACT OF FOLIAR TREATMENT WITH HUMATE FERTILIZER ON THE BIOPRODUCTIVE INDICATORS OF A NATURAL MEADOW OF <i>Chrysopogon gryllus</i> TYPE IN CONDITIONS OF THE CENTRAL BALKAN MOUNTAIN |

No	Authors	Paper Title
8.	Elena BRAN, Mihaela DAN, Mirela CINDEA, Luxița RÎSNOVEANU, Alexandru BRAN	THE MAIZE AND SUNFLOWER CROPS, STUDIED IN CENTRAL MOLDAVIA AREA, IN DIFFERENT CLIMATIC CONDITIONS
9.	Aedin CELZIN, Mircea VIOREL, Doru Ioan MARIN	THE INFLUENCE OF CLIMATIC CONDITIONS ON THE GROWTH STAGES OF SEVERAL MAIZE HYBRIDS IN THE OSMANCEA - CONSTANȚA AREA
10.	Andreea-Raluca CHIRIAC, Stelica CRISTEA	THE INFLUENCE OF THE <i>Orobanche cumana</i> WALLR. ATTACK ON AN ASSORTMENT OF SUNFLOWER HYBRIDS UNDER BRAILA COUNTY CONDITIONS
11.	Andreea-Raluca CHIRIAC, Stelica CRISTEA	RESEARCH ON EFFECTIVENESS OF SOME FUNGICIDES TREATMENTS ON THE ATTACK OF <i>Phomopsis/Diaporthe helianthi</i> ON SUNFLOWER IN BRAILA, BRAILA COUNTY
12.	Boryana CHURKOVA, Katerina CHURKOVA	STRUCTURAL ANALYSIS AND SEED PRODUCTIVITY OF POPULATIONS OF BIRD'S FOOT TREFOIL GROWN UNDER CONDITIONS OF CENTRAL NORTHERN BULGARIA
13.	Natalia CÎRLIG, Elena IURCU-STRĂISTARU, Victor ȚÎȚEI	THE IMPACT OF THE ENTOMOFAUNA ON THE PLANTS OF <i>Phacelia tanacetifolia</i> BENTH. IN THE COLLECTION OF THE „AL. CIUBOTARU” NATIONAL BOTANICAL GARDEN (INSTITUTE)
14.	Steliana CLAPCO	VIRULENCE AND AGGRESSIVENESS OF SOME SUNFLOWER BROOMRAPE POPULATIONS BELONGING TO DIFFERENT COUNTRIES
15.	Dan Dumitru COSTANTEA, Cecilia BĂNĂȚEANU, Ioan ROTAR	THE REACTION OF SOME WINTER BARLEY GENOTYPES TO THE NORTH- WEST PEDOCLIMATIC CONDITIONS OF ROMANIA
16.	Larisa CREMENEAC, Mariana CARAMAN, Tatiana BOCLACI	THE INFLUENCE OF WORM COMPOST ON QUALITY AND HARVEST OF SOME FORRAGE CROPS
17.	Mihăiță CROITORU, Elena-Mirela DUȘA, Vasilica STAN	STUDY ON FACTORS AFFECTING AGRICULTURAL PRODUCTION AND THE RESILIENCE OF AGRO-ECOSYSTEMS

No	Authors	Paper Title
18.	Grozi DELCHEV	EFFICACY OF HERBICIDES, HERBICIDE COMBINATIONS AND HERBICIDE TANK MIXTURE ON CHICKPEA ( <i>Cicer arietinum</i> L.)
19.	Milica DIMA, Loredana Mirela SFÎRLOAGĂ, Aurelia DIACONU, Reta DRĂGHICI, Iulian DRĂGHICI, Mihaela CROITORU, Alina Nicoleta PARASCHIV	RESEARCH ON THE NUTRITION SYSTEM FOR <i>Jerusalem artichoke</i> GROWN ON SANDY SOILS
20.	Șerban Cătălin DOBRE	RESEARCH ON THE INFLUENCE OF LEAF AREA ON SUNFLOWER YIELD CULTIVATED ON CARACAL CHERNOZEM IN THE PERIOD 2018-2020
21.	Reta DRĂGHICI, Iulian DRĂGHICI, Mihaela CROITORU, Maria Florentina BĂJENARU, Alina Nicoleta PARASCHIV	RESULTS REGARDING THE VALORIZATION OF WASTEWATER IN IRRIGATION OF GRAIN SORGHUM CULTIVATED ON SANDY SOILS
22.	Donyo GANCHEV	ANTIFUNGAL ACTION OF ORGANIC APLICABLE FERTILIZERS TOWARDS PLANT PATHOGENS
23.	Donyo GANCHEV	A NEW METHOD FOR PREPARATION OF PESTICIDAL SOAPS VIA MACERATION OF ORGANIC SCRAPS
24.	Marga GRĂDILĂ, Daniel JALOBĂ, Valentin CIONTU, Mihaela ȘERBAN, Victor PETCU	RESEARCH REGARDING WEEDS CONTROL IN GRAIN LEGUMES CROPS
25.	Vera GUSHCHINA, Anna LYKOVA1, Aleksey VOLODKIN, Lidiya KARPOVA, Galina KARPOVA	PRODUCTIVITY AND QUALITY OF SPRING RAPESEED VARIETIES IN THE FOREST STEPPE OF THE MIDDLE VOLGA REGION
26.	Vera GUSHCHINA, Aleksey VOLODKIN, Natalya OSTROBORODOVA, Alexander SMIRNOV	CHANGES IN PRODUCTIVITY INDICATORS OF AGROCENOSIS IN <i>Miscanthus giantus</i> WITH DIFFERENT METHODS OF WEEDS CONTROL
27.	Horia Victor HĂLMĂJAN, Adrian Iulian CIOCLOAVA	THE INFLUENCE OF FAO GROUP MATURITY AND PLANT DENSITY ON PIONEER HYBRIDS YIELDS
28.	Hristiyana HRISTOVA, Krasimira UZUNOVA, Nesho NESHEV, Mariyan YANEV, Anyo MITKOV	EVALUATION OF INCREASED RATES OF STARANE GOLD AT THE MAIZE HYBRID "BLASON DUO"

No	Authors	Paper Title
29.	Paula IANCU, Marin SOARE	SYNTHETIC AMPHIDIPOID WHEAT LINES WITH LARGER GRAIN SIZE
30.	Minko ILIEV, Tatyana BOZHANSKA, Magdalena PETKOVA, Biser BOZHANSKI	PRODUCTIVITY AND BOTANICAL COMPOSITION OF NATURAL GRASSLAND ( <i>Chrysopogon gryllus</i> ) IN PASTURE AND HAY-MAKING MODE OF USE
31.	Galina ILYINA, Svetlana SASHENKOVA, Dmitrii ILYIN	INTRODUCTION OF MUSHROOM WASTE IMPACT ON SOIL FERTILITY AND YIELD OF SPRING WHEAT
32.	Laura Mihaela IOSUB, Mădălin RADU, Costel MIHALAȘCU	THE DYNAMICS OF WHEAT DISEASES IN THE PERIOD 2015 - 2019 IN THE MOARA DOMNEASCA LOCATION, ILFOV COUNTY
33.	Ileana IȘLICARU, Elena ROȘCULETE, Elena BONCIU, Eugen PETRESCU	RESEARCH ON THE IDENTIFICATION OF HIGH PRODUCTIVITY WINTER WHEAT VARIETIES AND LINES, TESTED ON LUVISOL FROM ȘIMNIC IN THE PERIOD 2004-2018
34.	Elena IURCU	HELMINTOLOGICAL MONITORING ON THE CULTURE OF SUGAR BEET IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
35.	Andrey KALABUSHEV, Nikolay LARUSHIN, Oleg KUKHAREV	SCIENTIFIC RESULTS ON TECHNOLOGICAL PROCESS OF VARIOUS LEVEL FERTILIZERS APPLICATION AND SOWING SEEDS WITH A COMBINED SEEDER
36.	Shteliyana KALINOVA, Plamen SERAFIMOV, Irena GOLUBINOVA	BIOLOGICAL EFFICACY OF SEGADOR FOR WEED CONTROL IN NON-CROPPED AREAS
37.	Neli KERANOVA, Marina DRUMÉVA-YONCHEVA, Yonko YONCHEV, Bistra MIHAILOVA	CORRELATION AND PATH-ANALYSIS OF MORPHOLOGICAL TRAITS AND YIELD OF DRY TOBACCO IN COMPLEX RESISTANT TO VIRAL DISEASES VIRGINIA TOBACCO LINES
38.	Tanko KOLEV, Zhivko TODOROV, Maryia MANGOVA	THE VARIETY - MAIN FACTOR FOR INCREASING YIELD AND QUALITY OF DURUM WHEAT GRAIN



No	Authors	Paper Title
39.	Tanko KOLEV, Zhivko TODOROV, Zhanar YERALIYEVA	COMPARATIVE BIOCHEMICAL AND TECHNOLOGICAL STUDIES OF BULGARIAN DURUM WHEAT GRAIN
40.	Margaryta KORKHOVA, Vira MYKOLAICHUK, Oleh KOVALENKO, Natalia MARKOVA	EVALUATION OF ALLELOPATHIC ACTIVITY OF EXTRACTS OF PLANT ORGANS OF VARIOUS VARIETIES OF WINTER WHEAT
41.	Sergey KSHNIKATKIN, Pavel ALENIN, Inna VORONOVA, Andrey TAGIROV, Ilya KONNOV	AGROECOLOGICAL EFFICIENCY OF SEED INOCULATION WITH BIOLOGICAL PRODUCTS AND COMPLEX FERTILIZERS WITH MICROELEMENTS IN RESOURCE- SAVING TECHNOLOGY OF CULTIVATION OF CLOVER OF PANNONIAN VARIETY ANIK
42.	Oleg KUKHAREV, Ivan SEMOV, Karina KONDRATYEVA, Vladimir OVTOV	SCIENTIFIC RESULTS OF ETCHED GRAIN SEEDS MACHINE
43.	Florin Daniel LIPȘA, Elena Laura URȘU, Andrei Mihai GAFENCU, Mihaela Andreea FLOREA, Ana CAZACU	ASSESSMENT OF ANTIFUNGAL ACTIVITY OF GOLD-CHITOSAN AND CARBON NANOPARTICLES AGAINST <i>Rhizoctonia solani</i> Kühn
44.	Roxana Maria MADJAR, Nicolae IONESCU, Traian Mihai CIOROIANU, Gina VASILE SCĂEȚEANU	COMPARATIVE PERFORMANCES OF ORGANIC FERTILIZERS ON DIFFERENT CROPS IN CLIMATIC CONDITIONS OF ARGEȘ COUNTY
45.	Victorița MARIN, Viorel ION	ROW SPACING AND PLANT DENSITY EFFECT ON SUNFLOWER YIELD COMPONENTS
46.	Cristina Mihaela MARINCIU, Gabriela ȘERBAN, Indira GALIT, Vasile MANDEA	GENETIC DIVERSITY REGARDING GRAIN SIZE AND SHAPE OF COMMON WINTER WHEAT
47.	Cristina MELUCĂ, Rodica STURZU, Viorel ION	SOWING TIME AT CASTOR BEAN IN SOUTH ROMANIA IN THE CONTEXT OF ACTUAL CLIMATIC CONDITIONS
48.	Viorel MIRCEA, Celzin AEDIN, Doru Ioan MARIN	RESEARCHES ON THE INFLUENCE OF HYBRID AND IRRIGATION REGIME ON MAIZE CROP
49.	Anyo MITKOV	WEED CONTROL IN SUNFLOWER BY SEPARATE AND COMBINED HERBICIDE APPLICATION

No	Authors	Paper Title
50.	Angelina MUHOVA, Stefka DOBREVA, Kiril SIRAKOV	YIELD COMPONENTS OF TRITICALE AFTER APPLIED ELECTROMAGNETIC STIMULATION OF SEEDS
51.	Angelina MUHOVA, Stefka STEFANOVA-DOBREVA	MINERAL FERTILIZATION FOR DURUM WHEAT UNDER NON-IRRIGATED CONDITIONS
52.	Mykola NAZARENKO, Oleksandr IZHBOLDIN, Olena SEMENCHENKO	NEW METHOD FOR IDENTIFICATION DROUGHT-TOLERANCE WINTER WHEAT BREEDING MATERIA
53.	Emilia NICU, Traian Mihai CIOROIANU, Mihail DUMITRU, Carmen SÎRBU	EVALUATION OF THE EFFICIENCY OF FERTILIZERS BY USING THE LABELLED NITROGEN
54.	Mirela PARASCHIVU, Gheorghe MATEI, Otilia COTUNA, Marius PARASCHIVU, Reta DRĂGHICI	REACTION OF RYE CULTIVARS TO LEAF RUST ( <i>P. recondita</i> f. sp. <i>secalis</i> ) IN THE CONTEXT OF CLIMATE CHANGE IN DRY AREA IN SOUTHERN ROMANIA
55.	Elena PARTAL, Catalin Viorel OLTENACU, Victor PETCU	THE INFLUENCE OF SOWING DATE AND PLANT DENSITY ON MAIZE YIELD AND QUALITY IN THE CONTEXT OF CLIMATE CHANGE IN SOUTHERN ROMANIA
56.	Elena PETCU, Cătălin LAZĂR, Daniela PREDOI, Carmen CÎMPEANU, Gabriel PREDOI, Szilárd BARTHA, Ioana Andra VLAD, Elena PARTAL	THE EFFECT OF HYDROXYAPATITE AND IRONE OXIDE NANOPARTICLES ON MAIZE AND WINTER WHEAT PLANTS
57.	Eugen PETCU, Liliana VASILESCU, Viorel ION	GRAIN SIZE STABILITY OF A WINTER BARLEY GENOTYPES ASSORTMENT UNDER DIFFERENT SEED RATES
58.	Victor PETCU, Ioan RADU, Marga GRĂDILĂ, Valentin STANCIU, Ancuța BĂRBIERU	SOYBEAN SEED SCANNING FOR SIZE, GENOTYPE COLOR AND <i>Cercospora blight</i> DETECTION
59.	Mihai POPESCU, Stelica CRISTEA	STARCH, PROTEIN AND LIPID CONTENT OF CERTAIN MAIZE HYBRIDS CULTIVATED IN DIFFERENT PEDOCLIMATE AREAS OF ROMANIA IN THE PERIOD 2018-2019
60.	Alexandru RANTES	THE EFFECTIVENESS OF SOME INSECTICIDE TREATMENTS AGAINST <i>Tanymecus dilaticollis</i> Gyll. AT MAIZE
61.	Berkan SHABAN, Nesho NESHEV, Krasimira UZUNOVA, Mariyan YANEV, Anyo MITKOV	COMPARATIVE EVALUATION OF INCREASED RATES OF SEKATOR OD ON THE EFFICACY AND GROWTH TRAITS IN WINTER WHEAT

No	Authors	Paper Title
62.	Kiril SIRAKOV, Miroslav MIHAYLOV	STUDY OF THE INFLUENCE OF PRE-SOWING ELECTROMAGNETIC TREATMENTS ON THE PROPAGATING QUALITIES OF BEAN SEEDS AFTER NATURAL AGING
63.	Aurica SOARE, Gheorghe VOICU	THE CULTIVATION OF SEEDS FOR CORN IN BRAILA COUNTY
64.	Hristo STOYANOV	EFFECT OF DROUGHT ON YIELD AND YIELD COMPONENTS OF TRITICALE IN THE CONDITIONS OF SOUTH DOBRUDZHA
65.	Antoniya STOYANOVA, Velika KUNEVA, Mitko GEORGIEV, Svetlin IVANOV, Ferihan EMURLOVA, Dimitar VASILEV	STUDY THE PRODUCTIVITY OF COMMON WHEAT VARIETIES
66.	Antoniya STOYANOVA, Mitko GEORGIEV, Svetlin IVANOV, Ferihan EMURLOVA, Dimitar VASILEV	ASSESSMENT OF YIELD AND WATER USE EFFICIENCY OF DRIP-IRRIGATED COTTON ( <i>Gossypium hirsutum</i> L.)
67.	Petrisoara Florina SUVEȚ, Laura Iosefina ȘMULEAC, Lucian Florin BOTOȘ, Raul PAȘCALĂU, Ștefan BĂTRÂNA, Adrian BORCEAN, Florin IMBREA	RESEARCH ON THE INFLUENCE OF TECHNOLOGICAL LINKS ON OIL RAPESEED PRODUCTION
68.	Galin TIHANOV, Manol DALLEV, Galya HRISTOVA, Ivan MITKOV	LOSS OF GRAIN AT HARVESTING WHEAT WITH A COMBINE HARVESTER
69.	Zhivko TODOROV	GROWING SEVERAL RAPESEED HYBRIDS FOR GREEN FODDER IN THE CONDITIONS OF CENTRAL SOUTHERN BULGARIA
70.	Tonyo TONEV, Shteliyana KALINOVA, Mariyan YANEV, Anyo MITKOV, Nesho NESHEV	WEED ASSOCIATION DYNAMICS IN THE OILSEED RAPE FIELDS
71.	Kinga TOTH, Stelica CRISTEA	INFLUENCE OF THE TREATMENT SCHEME ON THE CERCOSPORIOSIS ATTACK ( <i>Cercopora beticola</i> Sacc.)
72.	Liliana VASILESCU, Ioana PORUMB, Eugen PETCU, Alexandrina ȘIRBU, Florin RUSSU, Lenuța Iuliana EPURE, Elena PETCU	NUTRITIONAL PROFILE OF SOME ROMANIAN WINTER BARLEY GENOTYPES

No	Authors	Paper Title
73.	Dimitar VASILEV, Lyuben STOYANOV, Svilen RAYKOV	PHYTOSANITARY CONDITION OF RAPESEED IN THE REGION OF KAVARNA
74.	Dimitar VASILEV, Svilen RAYKOV, Zlatka NIKOLOVA	A STUDY OF SOME FOREIGN WHEAT CULTIVARS IN BULGARIA ( <i>Triticum aestivum</i> L.)
75.	Veselka VLAHOVA	TRAP CROPPING: A USEFUL APPROACH IN FARMING SYSTEMS
76.	Mariyan YANEV	POSSIBILITIES FOR HERBICIDAL CONTROL OF MIXED WEED INFESTATION IN MAIZE ( <i>Zea mays</i> L.)
77.	Mariyan YANEV, Nesho NESHEV, Anyo MITKOV, Marieta NESHEVA	CONTROL OF MIXED WEED INFESTATION IN WINTER WHEAT
78.	Cristinel Relu ZALĂ	FIRST REPORT OF LOOSE SMUT - <i>Ustilago</i> <i>syntherismae</i> (Schweinitz) Peck ON <i>Digitaria</i> <i>sanguinalis</i> (L.) Scop. IN BUCHAREST- ROMANIA
79.	Plamen ZOROVSKI, Veselka VLAHOVA, Atanas SEVOV, Tonya GEORGIEVA	IMPACT OF BIOFERTILIZERS ON VEGETATIVE GROWTH AND SOIL RESPIRATION IN <i>Triticum spelta</i> L. GROWN IN ORGANIC FARMING

#### MISCELLANEOUS

1.	Oana-Alina BOIU-SICUIA, Călina Petruța CORNEA	BACTERIAL STRAINS INVOLVED IN SOILBORNE PHYTOPATHOGENS INHIBITION
2.	Maria BURDUȘEL, Paulina ANASTASIU, Tatiana-Eugenia ȘESAN	ASPECTS REGARDING RARE PLANT SPECIES IN THE BASIN OF THE OLTET RIVER, ROMANIA
3.	Jenica CĂLINA, Aurel CĂLINA, Nicolae BĂBUCĂ, Alin CROITORU, Marius CIOBOATĂ	STUDY ON THE USE OF THE LAND SCAN TO DETERMINE THE SOIL VOLUME DISLOCATED BY EROSION OF DEPTH ON THE PRACTICE OF SUSTAINABLE AGRICULTURE IN AGRITOURISTIC FARMS
4.	Jenica CĂLINA, Aurel CĂLINA, Marius MILUȚ, Gabriel BĂDESCU, Marius CIOBOATĂ	STUDY ON THE USE OF LAND SCANNING IN SOIL EROSION INVENTORY WORKS FOR SUSTAINABLE AGRICULTURE IN AGRITOURISTIC FARMS

No	Authors	Paper Title
5.	Silvana Mihaela DĂNĂILĂ-GUIDEA, Gabriela NEAȚĂ, Paul-Alexandru POPESCU, Elisabeta Elena POPA, Mihaela-Cristina DRĂGHICI, Ricuța-Vasilica DOBRINOIU, Ioana-Cătălina NICOLAE, Valerica- Luminița VIȘAN	BIOCHEMICAL CHANGES, INDUCED BY LED LIGHT, IN TOMATO PLANTS, GROWN IN THE INTEGRATED MANAGEMENT SYSTEM (SMI) OF AGROECOSYSTEM RESISTANCE
6.	Aurora DOBRIN, Vlad Ioan POPA, Constantin Daniel POTOR, Mihaela Ioana GEORGESCU	MORPHOLOGICAL AND ANATOMICAL CHARACTERIZATION OF SAFFLOWER ( <i>Carthamus tinctorius</i> L.) HYPSPHYLS AND LEAVES
7.	Mihai GADIBADI, Victor ȚÎȚEI, Valerian CEREMPEI, Ana GUȚU, Veceslav DOROFTEI, Dragoș COVALCIUC, Radu LÎȘÎI, Veceslav MAZĂRE, Andrei ARMAȘ	SOME AGRO-BIOLOGICAL FEATURES AND POTENTIAL USES OF VIRGINIA MALLOW, <i>Sida hermaphrodita</i> IN MOLDOVA
8.	Mariana GROZA, Bart T.L.H. van de VOSSENBERG, Stela LAZAROVA, Vlada PENEVA	MORPHOLOGICAL AND MOLECULAR CHARACTERISATION OF <i>Longidorus distinctus</i> (NEMATODA: LONGIDORIDAE) FROM ROMANIA
9.	Georgiana-Andreea IGNAT, Eusebiu PALIVAN, Elena-Mirela DUȘA, Vasilica STAN	STUDY ON THE INFLUENCE OF RAW MATERIALS AND ADDITIVES ON THE COMPOSTING PROCESS AND ON THE COMPOST QUALITY
10.	Mădălina IORDACHE, Ioan GAICA	ECOLOGICAL STUDY OF EARTHWORMS (OLIGOCHAETA: LUMBRICIDAE) DIVERSITY IN THE BOTANIC PARK OF TIMIȘOARA, ROMANIA
11.	Dan MANEA, Florin SALA	CHARACTERIZATION OF LEAF GEOMETRY AT <i>Datura stramonium</i> L. BY IMAGING ANALYSIS
12.	Andrei MOȚ, Violeta Alexandra ION, Roxana Maria MADJAR, Liliana BĂDULESCU	CORRELATION BETWEEN SOME FOLIAR FERTILIZERS USED IN ORGANIC AGRICULTURE AND NITROGEN UPTAKE IN DIFFERENT CROPS AND GROWTH STAGES
13.	Alina NEACȘU, Ilinca IMBREA, Alina LATO, Gicu-Gabriel ARSENE	<i>Lindernia dubia</i> (L.) Pennell: A NEW INVASIVE IN THE ROMANIAN BANAT AREA

No	Authors	Paper Title
14.	Rajkumari PARWANI	IMPACT OF NPK FERTILIZERS ON BIOMASS PRODUCTION OF <i>Cenchrus ciliaris</i> L.
15.	Ionel PERJU, Mihai TĂLMCIU, Nela TĂLMACIU, Monica HEREA	CONTRIBUTIONS TO THE KNOWLEDGE OF COLEOPTERS SPECIES EXISTING IN SOME WALNUT ORCHARDS
16.	Marius Dan ȘANDRU	NATIONAL INVENTORY AND PRIORITIZATION OF CROP WILD RELATIVES FROM ROMANIA
17.	Elena SĂVULESCU, Mihaela Ioana GEORGESCU, Vasilica LUCHIAN, Monica BADEA	MORPHO-ANATOMICAL CHARACTERS OF THE INVASIVE SPECIE <i>Iva xanthiifolia</i> Nutt.
18.	Luminița Raluca SIMIONESCU, Gabriela Lucica MĂRGĂRIT, Călina Petruța CORNEA	GMO IDENTIFICATION IN FOOD AND FEED FOR 2019 AND 2020 (PANDEMIC YEAR) – A COMPARATIVE STUDY
19.	Andreea TICAN, Mihaela CIOLOCA, Carmen Liliana BĂDĂRAU, Monica POPA	THE INFLUENCE OF DIFFERENT SUCROSE CONCENTRATIONS AND GENOTYPES OVER PLANTLETS GROWING PARAMETERS
20.	Maria TOADER, Gheorghe Valentin ROMAN	CURRICULUM DESIGN OF “SUSTAINABLE FOOD PRODUCTION SYSTEMS” MASTER PROGRAMME IN WESTERN BALKANS
21.	Plamen ZOROVSKI	DEVELOPMENT, PRODUCTIVITY AND QUALITY OF NAKED OAT GRAIN AFTER TREATMENT WITH BIOFERTILIZER IN THE CONDITIONS OF ORGANIC AGRICULTURE