



Section 2

HORTICULTURE

SCIENTIFIC COMMITTEE OF THE SECTION 2 - HORTICULTURE

- Bekir Erol AK - University of Harran, Sanliurfa, Turkey
- Arina Oana ANTOCE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- Liliana BĂDULESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Valentina BOZHKOVA - Fruit Growing Institute, Plovdiv, Bulgaria
- Daniela CICHI - University of Craiova, Romania
- Mirela CORDEA - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Sina COSMULESCU - University of Craiova, Romania
- Elena DELIAN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Alin DOBREI - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Elisabeta DOBRESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lucia DRAGHIA - "Ion Ionescu de la Brad" University of Life Sciences of Iași, Romania
- Franco FAMIANI - Università degli Studi di Perugia, Italy
- Gheorghe GLĂMAN - President of the Romanian Horticultural Society, Romania
- Luca Corelli GRAPPADELLI - University of Bologna, Italy
- Dorel HOZA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Károly HROTKÓ - Corvinus University of Budapest, Hungary
- Olimpia IORDĂNESCU - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Karsten KLOPP - Obstbauversuchsanstalt Jork, Germany
- Mekjell MELAND - Norwegian Institute of Agricultural and Environmental Research - Bioforsk, Norway
- Carmen MANOLE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Viorel MITRE - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Adrian PETICILĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Silvano SANSVINI - University of Bologna, Italy
- Radu SESTRĂȘ - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
- Alvaro STANDARDI - University of Perugia, Italy
- Florin STĂNICĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

- Dorin SUMEDREA - National Research-Development Institute for Biotechnology in Horticulture Stefanesti-Arges, Romania
- Florin TOMA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Valerica TUDOR - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Cristos XILOYANNIS - University of Pisa, Italy

ORGANIZING COMMITTEE OF THE SECTION 2 - HORTICULTURE

- Adrian PETICILĂ
- Adrian ASĂNICĂ
- Cosmin MIHAI
- Sorina PETRA
- Elisabeta DOBRESCU
- Lenuța CHIRA

SECTION 2 – HORTICULTURE

Horticulture Section Chairman:
Assoc. Prof. Dr. Adrian PETICILĂ

Horticulture Section Co-Chair:
Prof. Dr. Adrian ASĂNICĂ

Horticulture Section Rapporteur:
Prof. Dr. Liliana BĂDULESCU

Venue:

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

Web: <https://agricultureforlife.usamv.ro>; <https://www.horticultura-bucuresti.ro>

DAY 1 – THURSDAY, JUNE 6

Horticulture Faculty

14:00-16:00	<i>Opening session and Papers Presentations</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
16:00-16:30	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
16:30 -17:30	<i>Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
19:00-21:30	<i>Official Gala Dinner- Cultural Event -</i>	<i>CERES Restaurant, USAMV Campus</i>

DAY 2 – FRIDAY, JUNE 7

Horticulture Faculty

08:00-09:00	<i>Arrival and registration of participants; Poster display</i>	<i>Ground Floor, Main Hall</i>
09:00-11:00	<i>Papers presentation I</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
11:00-11:30	<i>Coffee break; Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
11:30-13:30	<i>Papers Presentations II</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
13:30-14:30	<i>Lunch</i>	<i>Ground Floor, Main Hall</i>
14:30-15:30	<i>Papers Presentations III</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>
15:30-16:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
16:00-17:30	<i>Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
17:30-18:00	<i>Final Discussions and Conclusions</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>

THURSDAY, 6th JUNE, 2024

ORAL PAPER PRESENTATIONS

Session Moderators: Prof. Dr. Adrian ASĂNICĂ
Prof. Dr. Liliana BĂDULESCU
Prof. Dr. Mihaela GEORGESCU
Assoc. Prof. Dr. Adrian PETICILĂ

*Horticulture Faculty,
Aula Nicolae Constantinescu*

No	Time	Authors	Paper Title
14:00 Opening Session			
<i>Papers Presentations</i>			
1	14:15	Dorin Ștefan DUȘA, Robert Traian HEIZER, Mirela Gabriela HEIZER, Sabin Ioan BANIȚĂ, Anamaria CĂLUGĂR, Dragoș George CONSTANTINESCU, Alin DOBREI, Claudiu Ioan BUNEA	CABERNET SAUVIGNON VARIETY BEHAVIOURAL ANALYSIS IN ROMANIAN VINEYARDS AREAS UNDER THE CLIMATE CHANGE INFLUENCES
2	14:30	Luminița Antonela ZAGRAI, Ioan ZAGRAI, Georgeta Maria GUZU, Smaranda Doina ROȘU-MAREȘ, Claudiu MOLDOVAN	IS SYMPTOMATOLOGY A RELIABLE TOOL FOR PLUM POX VIRUS MONITORING?
3	14:45	Patricia Maria POPA, Maria DINU, Sina Niculina COSMULESCU	RESEARCH ON THE VARIABILITY OF PHENOLOGICAL CHARACTERISTICS IN GARLIC GENOTYPES AND THE INFLUENCE OF ENVIRONMENTAL FACTORS ON DIFFERENT VEGETATIVE STAGES

No	Time	Authors	Paper Title
4	15:00	Alexandru MEXI, Daniela-Ioana GUJU, Gabor-Giovani LUCA	A CULTURAL LANDSCAPE OF CASTLE AND MANOR PARKS AND GARDENS NEAR AND AROUND BUCHAREST. CASE STUDY OF THE CATARGIU ESTATE IN MAIA
5	15:15	Daniel RĂDUȚOIU	THE IMPACT OF THE SPECIES <i>ELODEEA NUTTALLII</i> ON NATURAL AQUATIC HABITATS IN OLTENIA, ROMANIA
6	15:30	Smaranda Doina ROȘU-MAREȘ, Luminita Antonela ZAGRAI, Ioan ZAGRAI, Zsolt JAKAB-ILYEFALVI, Anca Maria CHIOREAN, Vasile FLORIAN	CLIMATE CHANGE AND THE NATURAL INFECTION OF APPLE TREES WITH <i>ERWINIA AMYLOVORA</i> BURRILL IN NORTHERN TRANSYLVANIA
7	15:45	Adrian ASĂNICĂ	CLIMATE SMART FARMING IN ROMANIA - THE VEGETAL SECTOR
	16:00-16:30	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
	16:30-17:30	<i>Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
	19:00-21:30	<i>Official Gala Dinner</i> <i>- Cultural Event -</i>	<i>CERES Restaurant,</i> <i>USAMV Campus</i>

FRIDAY, 7rd JUNE, 2024

ORAL PAPER PRESENTATIONS

Session Moderators: Prof. Dr. Adrian ASĂNICĂ
Prof. Dr. Liliana BĂDULESCU
Prof. Dr. Mihaela GEORGESCU
Assoc. Prof. Dr. Adrian PETICILĂ

*Horticulture Faculty,
Aula Nicolae Constantinescu*

No	Time	Authors	Paper Title
1	09:00	Adrian ASĂNICĂ, Raluca CIUBOTĂRAȘU, Monica STURZEANU, Oana HERA	MORPHOLOGICAL TRAITS OF SOME <i>LONICERA</i> SP. VARIETIES AFTER FIRST YEARS GROW IN ROMANIA
2	09:15	Alexandru BUCUR, Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Florin STĂNICĂ	WINFOLIA SYSTEM – INSTRUMENT FOR PEST AND DISEASE ATTACK EVALUATION IN PEACH AND NECTARINE ORCHARD
3	09:30	Arina Oana ANTOCE, George Adrian COJOCARU	IMPACT ON UV-VISIBLE SPECTROSCOPY PARAMETERS OF TAMAIOASA ROMANEASCA WINES FROM MUSTS CLARIFIED WITH PEA PROTEIN BASED FINING AGENTS
4	09:45	Aurica SOARE, Ștefania Claudia DRAGOMIR	A RESEARCH ON THE USE OF ORGANIC FERTILIZERS APPLIED TO TOMATO PRODUCTION -
5	10:00	Daniela Clara MIHAI, Mihaela Ioana GEORGESCU, Alina Georgiana CÎȘLARIU, Mioara DUMITRAȘCU, Petronela CAMEN-COMĂNESCU, Florin TOMA	ANATOMICAL RESEARCH OF THE VEGETATIVE BODY OF <i>IMPATIENS GLANDULIFERA</i> , AN ORNAMENTAL PLANT THAT HAS BECOME INVASIVE

No	Time	Authors	Paper Title
6	10:15	Valentina PONOMARENKO , Lyudmila VEGERA, Tetiana KOPYLOVA, Olha POROKHNIAVA, Yurii RUMIANKOV	THE ROLE OF OLD-GROWTH TREES IN THE COMPOSITIONAL STRUCTURE OF THE ELYSIAN FIELDS SITE OF THE SOFIYIVKA NATIONAL DENDROLOGICAL PARK AND THE PROBLEMS OF THEIR CONSERVATION AND RESTORATION
7	10:30	Ina VLADIMIR (ASIMINEI) , Mirela COJOCARIU	THE USE OF NATURAL MATERIALS IN THE DESIGN OF URBAN PLAYGROUNDS: A SUSTAINABLE APPROACH IMPORTANT FOR THE COMMUNITY
8	10:45	Stefka ATANASSOVA , Mima TODOROVA, Stanislava ATANASSOVA, Dimitar YORGOV, Vania SKILA, Petya VELEVA, Galina PEVICHAROVA	NON-DESTRUCTIVE ASSESSMENT OF STRAWBERRY FRUIT QUALITY
	11:00-11:30	Coffee break	Ground Floor, Main Hall
9	11:30	Kristina Ilektra MAKNEA , Nikolaos THYMAKIS, Julia Nerantzia TZORTZI, Adrian Constantin ASANICA	CITIZENS AND URBAN HORTICULTURE RELATIONSHIP AFTER COVID-19 PANDEMIC: FACTS FROM ROMANIA, GREECE AND CYPRUS
10	11:45	Alina - Ștefana OZARCHEVICI , Maria APOSTOL, Ciprian CHIRUȚĂ, Roberto BERNARDIS RENATO, Lucia DRAGHIA	THE BEHAVIOR OF SOME DECORATIVE VARIETIES OF <i>IPOMOEA BATATAS</i> IN DIFFERENT CULTURE SYSTEMS AND TYPES OF SUBSTRATE
11	12:00	Mihaela IORDĂCHESCU , Anca-Amalia UDRIȘTE , Liliana BĂDULESCU	FROM GENES TO COLORS: MYB1 VARIABILITY IN ROMANIAN APPLE VARIETIES

No	Time	Authors	Paper Title
12	12:15	Claudia Loredana DRAGOMIR , Gheorghita HOZA, Alexandra BECHERESCU, Liliana BĂDULESCU, Aurora DOBRIN, Mihai FRÎNCU, Dorel HOZA	THE INFLUENCE OF BENEFICIAL BACTERIA ON SOIL AND TOMATO ROOTS
13	12:30	Amelia PETRESCU , Dorel HOZA	A REVIEW OF BLACKCURRANT CULTURE TECHNOLOGY
14	12:45	Dorin Ștefan DUȘA , Robert Traian HEIZER, Mirela Gabriela HEIZER, Sabin Ioan BANIȚĂ, Anamaria CĂLUGĂR, Dragoș George CONSTANTINESCU, Alin DOBREI, Claudiu Ioan BUNEA	ROMANIAN VINEYARD AREAS AND THE EVOLUTION OF WINES WITH TRACEABILITY IN THE PERIOD 2007-2022, USING EUROPEAN RESTRUCTURING/ RECONVERSION FUNDS
15	13:00	Elena MELUȚ , Mihaela Ioana GEORGESCU	MORPHOLOGICAL AND BIOLOGICAL STUDIES ON <i>IRIS SUAVEOLENS</i> BOIS. & REUT. IN THE SOUTHERN REGION OF ROMANIA
16	13:15	Roxana CICEOI , Oana VENAT	COLD PLASMA TECHNOLOGY IN ENHANCING POST-HARVEST MANAGEMENT AND SECURITY
17	13:30	Daniel RĂDUȚOIU , Laurențiu BĂLONIU	NATURA 2000 HABITATS FROM OLTENIA AFFECTED - INVASIVE AND POTENTIALLY INVASIVE SPECIES (II)
	13:30-14:30	Lunch	Ground Floor, Main Hall
18	14:30	Vlăduț Alexandru OPRIȚĂ	DETERMINATIONS REGARDING THE PERCENTAGE OF KERNELS OBTAINED THROUGH DIRECTED HYBRIDIZATION OF THE APRICOT SPECIES AT SCDP CONSTANȚA

19	14:45	Alina BUTU , Marian BUTU, Steliana RODINO	PLANT BASED EDIBLE COATINGS FOR BUILDING THE SUSTAINABILITY OF THE FOOD CHAIN TOWARDS BIOECONOMY
20	15:00	Ciprian CHIRUȚĂ , Iulian STOLERIU, Marius CĂLIN, Emilian BULGARIU, Mirela COJOCARIU	A MULTIPLE LINEAR REGRESSION MODEL TO ESTIMATE THE PLANT COVERAGE OF A GREEN WALL SYSTEM
21	15:15	Larisa Theodora TILINCA , Florin STANICĂ.	INFLUENCE OF THE PROTECTIVE NETS ON FRUIT PRODUCTION IN MODERN ORCHARDS - A REVIEW
	15:30- 16:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
	16:00- 17:30	<i>Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
	17:30- 18:00	<i>Final Discussions and Conclusions</i>	<i>Horticulture Faculty, Aula Nicolae Constantinescu</i>

POSTER SESSION

FRUIT GROWING

Ground Floor, Main Hall

No	Authors	Paper Title
1.	Valerian BĂLAN, Sergiu VAMASESCU, Corneliu BUZA, Dumitru TALPALARU, Stanislav RUSSU	THE IMPACT OF THE CULTIVATION SYSTEM ON THE YIELD AND QUALITY OF SWEET CHERRIES
2.	Inna BILICI	STRUCTURE OF THE VEGETATIVE ASSEMBLY OF APPLE TREES ACCORDING TO AGE AND THE BIOLOGICAL CHARACTERISTICS OF THE VARIETY
3.	Mihai CHIVU, Mihaela PARASCHIV, Madalina BUTAC, Adrian ASĂNICĂ	PHYTOCHEMICAL COMPOSITION CHANGES OF SWEET CHERRY FRUITS RELATED TO APPLICATION OF SOME TREATMENTS TO REDUCE SWEET CHERRY FRUIT CRACKING
4.	Mihai CHIVU, Mihaela PARASCHIV, Madalina BUTAC, Adrian ASĂNICĂ	CORRELATION BETWEEN SWEET CHERRY QUALITY TRAITS AND FRUIT CRACKING INDEX AT THREE ROMANIAN VARIETIES
5.	Mihai CICHI	THE SPECIFICS OF ROOTING, GROWTH AND FRUITING OF SOME APPLE VARIETIES IN THE CONDITIONS OF THE SOUTH OF THE COUNTRY
6.	Oana Elena TOAȘCĂ (COJOCARU), Cristina PETRIȘOR, Catalin Viorel OLTENACU, Mihai GÎDEA	IMPROVING FRUIT QUALITY AND STORABILITY USING POSTHARVEST TREATMENTS WITH BENEFICIAL MICROBES AND NATURAL COMPOUNDS – AN OVERVIEW
7.	Ionuț DASCĂLU, Olimpia Alina IORDĂNESCU, Isidora RADULOV, Adina BERBECEA, Ersilia ALEXA, Ileana COCAN	THE EFFECT OF SOME FOLIAR FERTILIZERS ON FRUIT QUALITY OF PEACH

No	Authors	Paper Title
8.	Mihaela DOGARU, Mircea MIHALACHE, Gabriela POPA, Viorel Catalin OLTENACU, Nicoleta BUTISEACA, Maria STOIAN	THE EFFECT OF THE CULTURE SUBSTRATE ON THE CONTENT OF BIOACTIVE COMPOUNDS IN SOME RASPBERRY GENOTYPES
9.	Maria GEORGIEVA, Diyana GEORGIEV, Tatyana BOZHANSKA	ASSESSMENT OF THE BIOCHEMICAL QUALITIES AND COLOUR PARAMETERS OF FRESH AND FROZEN FRUITS OF HIGHBUSH BLUEBERRIES GROWN IN BULGARIA
10.	Diyana GEORGIEV, Maria GEORGIEVA, Denitsa HRISTOVA, Tatyana BOZHANSKA	THE IMPACT OF VARIOUS FERTILIZING SCHEMES ON THE BIOCHEMICAL COMPOSITION OF ARONIA FRUITS
11.	Iuliana Elena GOLACHE, Monica HEREA, Ionel PERJU, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Mihai TĂLMACIU	OBSERVATIONS ON ARTHROPODS EXISTING IN SOME ARONIA PLANTATIONS IN THE NE AREA OF ROMANIA
12.	Oana HERA, Elena PĂDUROIU (BUNDĂ), Ioana Teodora MĂRGĂRITescu, Loredana Elena VÎJAN	EVALUATION OF BLUEBERRY FRUITS AND JUICE OF SOME CULTIVARS GROWN IN PITESTI - MARACINENI, ROMANIA
13.	Oana HERA	THE ORIGIN OF ROMANIAN BLUEBERRY CULTIVARS
14.	Oana HERA, Monica STURZEANU, Mezyana Georgiana PIRVA, Andreea Irina MOISE, Loredana Elena VIJAN	EVALUATION OF SOME BLACKCURRANT CULTIVARS ACCORDING TO FRUIT QUALITY PARAMETERS
15.	Theodora HRIBAN, Florin STANICA	IN VITRO CULTURE OF KIWIFRUIT SPECIES (<i>ACTINIDIA</i> SP.) – A REVIEW
16.	Mihaela IORDĂCHESCU, Anca-Amalia UDRIȘTE, Liliana BĂDULESCU	FROM GENES TO COLORS: MYB1 VARIABILITY IN ROMANIAN APPLE VARIETIES
17.	Velika KUNeva, Galya DOBREVSKA, Manol DALLEV	ASSESSMENT OF TECHNOLOGICAL APPROACHES FOR THE PRODUCTION OF APPLE MAT M9 BASED ON MATHEMATICAL AND STATISTICAL ANALYSIS

No	Authors	Paper Title
18.	Eugenia GHERGHINA (MAREȘI), Mihaela PARASCHIV, Mădălina MILITARU, Dorel HOZA	COMERCIAL AND BIOCHEMICAL QUALITY OF ROMANIAN PEAR GENOTYPES
19.	Cosmin Alexandru MIHAI, Ana Cornelia BUTCARU, Florin STĂNICĂ	GRAFTING METHODS FOR <i>DIOSPYROS VIRGINIANA</i> L. AND <i>DIOSPYROS KAKI</i> THUNB. HYBRIDS PROPAGATION
20.	Teodora MIHOVA, Petko MINKOV	PERSPECTIVE VARIETIES AND FORMS OF <i>PRUNUS CERASIFERA</i> FROM THE TROYAN REGION, EXHIBITING RESILIENCE TO EXTREME CLIMATIC FACTORS
21.	Casiana MIHUȚ, Daniela SCEDEI, Vlad Dragoslav MIRCOV, Codruța CHIȘ	INFLUENCE OF SOIL AND CLIMATE CONDITIONS ON SOME QUALITATIVE INDICES IN SOME CULTIVARS OF <i>PRUNUS CERASUS</i>
22.	Ionel PERJU, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Sorina SÎRBU, Iuliana Elena GOLACHE, Elena IUREA	AGROPRODUCTIVE EVALUATION OF SOME SWEET CHERRY CULTIVARS IN THE PEDOCLIMATIC CONDITIONS OF N-E ROMANIA
23.	Petko MINKOV, Nedyalka PALAGACHEVA, Diyani GEORGIEV, Vasiliy DZHUVINOV, Ivan ARABADZHIEV	DAMAGE - <i>DROSOPHILA SUZUKII</i> MATSUMURA FRUITS OF BLACKCURRANT CULTIVAR TITANIA
24.	Cristina MOALE, Leinar SEPTAR	USE OF ECOLOGICAL METHODS TO CONTROL PATHOGENS AND PESTS IN APRICOT THE SOUTHERN AREA OF ROMANIA
25.	Sabin MOLNAR, Doina CLAPA, Amal DAGNI, Loredana LEOPOLD, Monica HÂRȚA, Ioan Claudiu BUNEA	MORPHO-BIOCHEMICAL RESPONSE OF BLUEBERRY CULTIVAR HORTBLUE PETITE UNDER DROUGHT STRESS INDUCED - PEG 6000
26.	Silvia NICOLAE, Mădălina BUTAC, Mihai CHIVU	COMPARATIVE STUDY IN THE NURSERY OF VEGETATIVE PLUM ROOTSTOCKS, 'MIRODAD 1' AND 'SAINT JULIEN A'

No	Authors	Paper Title
27.	Maria OJOG, Mihaela IORDĂCHESCU, Adrian ASĂNICĂ, Dan POPESCU, Liliana BĂDULESCU	SENSORIAL ANALYSIS FOR SOME ROMANIAN AND FOREIGN BLUEBERRY VARIETIES
28.	Catalin Viorel OLTENACU	PRODUCTIVITY AND FRUIT QUALITY OF SOME CHERRY VARIETIES CONDITIONED - TECHNOLOGICAL AND CLIMATIC ELEMENTS IN THE ROMANIAN PLAIN
29.	Valentin-Ion PĂUN, Dorin Ioan SUMEDREA, Florin STANICĂ, Adrian ASĂNICĂ	REGENERATIVE AGRICULTURE
30.	Mihaela PARASCHIV1, Eugenia MARESI, Mădălina MILITARU, Dorel HOZA	INFLUENCE OF GENOTYPES AND THE STORAGE TIME ON PEARS QUALITY INDICATORS
31.	Mihaela PARASCHIV, Amelia PETRESCU	FRUIT QUALITY OF NINE BLACKCURRANTS (<i>RIBES NIGRUM</i> L.) CULTIVARS SELECTED IN MEADOW ARGES
32.	Ionel PERJU, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Sorina SÎRBU, Iuliana Elena GOLACHE, Elena IUREA	AGROPRODUCTIVE EVALUATION OF SOME SWEET CHERRY CULTIVARS IN THE PEDOCLIMATIC CONDITIONS OF N-E ROMANIA
33.	Ananie PEȘTEANU	INFLUENCE OF THE BIOLOGICAL CHARACTERISTICS OF THE VARIETY ON THE PRODUCTIVITY OF THE PLANTATION AND THE QUALITY OF THE APRICOT FRUITS DURING THE FRUITING PERIOD
34.	Georgeta Sofia POPESCU, Ariana VELCIOV, Antoanela COZMA, Florina RADU, Despina BORDEAN	MULBERRY FRUITS SOURCE OF BIOMINERALS AND BIOACTIVE COMPOUNDS
35.	Augustina PRUTEANU, Oana-Romina BOTORAN, Nicoleta Alexandra VANGHELE, Eugen MARIN, Iulian VOICEA	ANALYSIS OF THE PHENOPHASES OF GROWTH AND FRUITING OF RASPBERRY VARIETIES IN THE CLIMATIC CONDITIONS OF BUCHAREST

No	Authors	Paper Title
36.	Maria RADA, Simion ALDA, Ariana VELCIOV, Daniela SCEDEI, Iasmina Madalina ANGHEL, Alina DOBREI, Eleonora NISTOR, Marcel DANCI	EVALUATION OF SOME ESSENTIAL ELEMENTS IN WALNUT KERNEL
37.	Ioan Viorel RATI	THE INFLUENCE OF SOME ENVIRONMENTAL FACTORS ON APPLE AND CHERRY TREE OF FLOWERING PHENOPHASES
38.	Daniela Nicoleta SCEDEI, Olimpia Alina IORDĂNESCU, Maria RADA, Marcel Vasile DANCI, Marius Valentin BOLDEA, Alina DOBREI, Casiana MIHUȚ, Alin CĂRĂBEȚ, Carmen DURĂU, Ramona ȘTEF	THE MINERAL PROFILE OF SOME PLUM (<i>PRUNUS DOMESTICA</i>) VARIETIES
39.	Leinar SEPTAR, Cristina MOALE, Ion CAPLAN	PEACH RESPONSE TO WATER DEFICIT UNDER THE CLIMATIC CONDITIONS OF SOUTH-EASTERN ROMANIA
40.	Florin Daniel STAMIN, Sina Niculina COSMULESCU	MORPHOLOGICAL VARIABILITY OF SOME ROSEHIP FRUITS (<i>ROSA CANINA</i> L.) FROM THE SPONTANEOUS FLORA OF OLT COUNTY, ROMANIA
41.	Ioana Adelina STAN, Mădălina BUTAC, Dorel HOZA	SOUR CHERRY GERMPLASM RESOURCES AND BREEDING IN ROMANIA
42.	Vera STEFANOVA, Galya DOBREVSKA	COMPARISON APPLE BIO PRODUCTION ON CULTIVATED AND GRASSED AREA
43.	Boryana STEFANOVA, Petko MINKOV, Georgi POPSKI, Teodora MIHOVA	CHANGES IN PHENOLOGY OF SERBIAN PLUM VARIETIES UNDER AGROECOLOGICAL CONDITIONS OF THE CENTRAL BLAKAN MOUNTAIN REGION IN BULGARIA
44.	Ana-Maria STOENESCU, Sina Niculina COSMULESCU, Nicolae GHEORGHIU	THE INFLUENCE OF INTERANNUAL CLIMATE VARIATION ON THE PHENOLOGY OF SOME WILD FRUIT SPECIES AND THEIR RELATION WITH AVIFAUNA

No	Authors	Paper Title
45.	Viorel STOICA, Mihaela PARASCHIV, Dorel HOZA	FRUIT QUALITY OF APPLE VARIETIES CULTIVATED IN AN ORGANIC SYSTEM
46.	Viorel STOICA, Dorel HOZA	RESEARCH ON THE INFLUENCE OF ORGANIC FERTILIZERS ON THE AGROCHEMICAL INDICATORS OF THE SOIL
47.	Monica STURZEANU, Oana HERA	FRUIT QUALITY ASSESSMENT IN RASPBERRY BREEDING
48.	Monica STURZEANU, Oana HERA	QUALITY OF SOME STRAWBERRY CULTIVARS IN RELATION WITH CONSUMER PREFERENCES
49.	Oana Elena TOAȘCĂ (COJOCARU), Cristina PETRIȘOR, Catalin Viorel OLTENACU, Mihai GÎDEA	EFFECTS OF MODIFIED ATMOSPHERE PACKAGING ON QUALITY FEATURES OF 'FAVORIT' APRICOT CULTIVAR DURING COLD STORAGE
50.	Silvena TODOROVA, Petko MINKOV, Boryana STEFANOVA, Georgi POPSKI	BIOLOGICAL AND ECONOMIC CHARACTERISTICS OF PLUM CULTIVARS GROWN IN TWO PLUM-PRODUCING REGIONS OF BULGARIA
51.	Mihaela DOGARU, Mircea MIHALACHE, Gabriela POPA, Viorel Catalin OLTENACU, Nicoleta BUTISEACA, Maria STOIAN	THE EFFECT OF THE CULTURE SUBSTRATE ON THE CONTENT OF BIOACTIVE COMPOUNDS IN SOME RASPBERRY GENOTYPES
52.	Carmen Mihaela TOPALA, Mihaela Elena LEITNER, Loredana Elena VIJAN, Mihai BOTU	ANALYSIS OF THE TOTAL LIPID CONTENT IN THE KERNELS OF SEVERAL TEMPERATE NUT CROPS ACCESSIONS FROM THE GERMPLASM COLLECTIONS OF UCv-SCDP VÂLCEA, ROMANIA
53.	Boryana TSENOVA, Veska GEORGIEVA, Metodi DINEV	FROST EVENTS FORECAST USING MACHINE LEARNING IN BULGARIA

No	Authors	Paper Title
54.	Lavinia-Mihaela UDREA, Violeta Alexandra ION, Andreea BARBU, Mihai FRÎNCU, Andrei-Cătălin PETRE, Liliana BĂDULESCU, Oana-Crina BUJOR	SENSORIAL EVALUATION OF ORGANIC STRAWBERRIES AND RASPBERRIES: EFFECTS OF COMPANION PLANTS
55.	Nicoleta- Alexandra VANGHELE, Oana-Romina BOTORAN, Augustina PRUTEANU, Eugen MARIN, Valentin VLĂDUȚ	RESEARCH ON THE DEVELOPMENT OF RASPBERRY CULTIVATION IN CONDITIONS OF ORGANIC AGRICULTURE
56.	Irina TITIRICĂ, Florentina NETCU, Milica DIMA, Cristina BÎRSOGHE	NORTHERN BANANA OR PAW-PAW GROWN IN SOUTHERN ROMANIA SANDY SOILS
57.	Elena Andreea VOCHIN, Valentina ISAC, Florin STĂNICĂ	RESULTS REGARDING THE STERILIZATION EFFECTIVENESS OF PLANT MATERIAL IN SOME STONE FRUIT SPECIES ROOTSTOCKS
58.	Cristina ZLATI, Mihai ISTRATE, Roxana PAȘCU, Roberto BERNARDIS	AN ASSESSMENT OF CURRENT STATUS, FUTURE TRENDS AND OPPORTUNITIES FOR IMPROVING EXOTIC AND UNDERUTILIZED POME FRUIT SPECIES PRODUCTION IN ROMANIA

POSTER SESSION

VITICULTURE AND OENOLOGY

No.	Authors	Paper Title
1	Maria-Florentina BĂJENARU, Reta DRĂGHICI, Milica DIMA, Cristina BÎRSOGHE, Ștefan NANU, Nicolae GIUGEA	THE BIOLOGY OF THE DEVELOPMENT PROCESS IN SOME GRAPE CULTIVARS FOR RED WINES STUDIED ON THE SANDY SOILS OF SOUTHERN OLTENIA
2	Géza BALLA, Zsolt SZEKELY-VARGA, Endre KENTELKY	EFFECT PHYTOTECNOLOGICAL FACTORS ON TWO RED WINE GRAPE VARIETIES
3	Sabin Ioan BANIȚĂ, Anamaria CĂLUGAR, Dorin DUSA, Adriana SESTRAS, Florin Dumitru BORA, Andrea BUNEA, Claudiu Ioan BUNEA	THE INFLUENCE OF TREATMENTS WITH AMINO-ACIDS AFTER HAIL FALL ON FETEASCĂ NEAGRĂ GRAPE HARVEST
4	Florina Mădălina BĂNUȚĂ, Ramona STAN, Răzvan Ionuț TEODORESCU	THE EFFECTS OF CLIMATE CHANGE ON VINES IN THE MAIN GROWING COUNTRIES IN EUROPE
5	Georgeta Mihaela BUCUR, Liviu DEJEU	PHENOLOGICAL AND SOME ENO- CARPOLOGICAL TRAITS OF THIRTEEN NEW ROMANIAN GRAPEVINE VARIETIES FOR WHITE WINE (<i>VITIS VINIFERA</i> L.) IN THE CONTEXT OF CLIMATE CHANGE
6	Georgeta Mihaela BUCUR, Elena DELIAN, Marinela Vicuța STROE, Marian ION, Liliana PÎRCĂLABU	RESEARCH ON INCREASING THE ADAPTATION CAPACITY OF GRAPEVINE TO CLIMATE CHANGE - TREATMENTS WITH KAOLIN AND ZEOLITES
7	Ramona CĂPRUCIU, Daniela Doloris CICHI, Dorin Constantin COSTEA, Liviu Cristian MĂRĂCINEANU	CARBOHYDRATE DYNAMICS IN SOME GRAPEVINE (<i>VITIS VINIFERA</i> L.) CULTIVARS DURING DORMANCY
8	Daniela DOLORIS CICHI, Ramona CĂPRUCIU, Felicia STOICA, Mihai CICHI, Dorin COSTEA	AMPELOGRAPHIC AND BIOPRODUCTIVE CHARACTERISTICS OF CABERNET SAUVIGNON CLONES IN OLTENIA WINEGROWING REGION, SOUTH-WEST ROMANIA

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9	Dragoş George CONSTANTINESCU, Monica BUTNARIU, Alina Georgeta DOBREI, Eleonora NISTOR, Dorin Stefan DUSA, Florin SALA, Ioan Claudiu BUNEA, Alin DOBREI	ASSESSMENT AND PREDICTION OF GRAPE AND WINE TRACEABILITY: A CASE STUDY OF FETEASCĂ NEAGRĂ AND PINOT NOIR CULTIVATED IN VARIOUS WINE-GROWING REGIONS
10	Dorin Constantin COSTEA, Daniela Doloris CICHI, Constantin BĂDUCĂ - CÎMPEANU, Ramona CĂPRUCIU	RESEARCHES CONCERNING THE INFLUENCE OF ENVIRONMENTAL RESOURCES ON THE PHYSIOLOGICAL AND BIOPRODUCTIVE PARAMETERS OF GRAPEVINE
11	Laura-Dorina DINU, George Adrian COJOCARU, Cornel BANITA, Emanuel VAMANU, Arina-Oana ANTOCE	EVALUATION OF THE POLYPEHNOL EXTRACTS FROM VINE CANES (<i>VITIS VINIFERA</i> L.) OBTAINED - AN IMPROVED EXTRACTION METHOD
12	Alin DOBREI, Eleonora NISTOR, Alina Georgeta DOBREI, Mihaela MĂLĂESCU, Dragoş George CONSTANTINESCU, Teodor CRISTEA, Anca DRĂGUNESCU	THE IMPACT OF COPPER APPLICATION TIMING AND THE FREQUENCY OF TREATMENTS ON PHYSIOLOGICAL, BIOCHEMICAL, AND PRODUCTIVE PARAMETERS IN A VINEYARD
13	Ferihan EMURLOVA, Antoniya STOYANOVA	IMPACT OF SUMMER GREEN PRUNING ON THE PHENOLIC CONTENT OF GRAPES FROM SYRAH CULTIVAR
14	Ferihan EMURLOVA, Antoniya STOYANOVA	MONITORING OF A VINEYARD - FLYING OVER WITH A UAV
15	Mihai FRÎNCU, Corina DUMITRACHE, Andrei Cătălin PETRE, Iuliana Diana BĂRBULESCU, Răzvan Ionuţ TEODORESCU	PHYSICO-CHEMICAL COMPOSITION OF DIFFERENT GRAPE VARIETIES FROM PIETROASA VINEYARD
16	Evelina GHERGHINA, Gabriela LUTA, Daniela BALAN, Stefana JURCOANE	ENHANCING OF BIOAVAILABILITY OF VALUABLE COMPOUNDS FROM GRAPE POMACE - ENZYMATIC TREATMENT

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17	Ioana Sorina GIURCA, Liliana Lucia TOMOIAGĂ, Maria Doinița MUNTEAN, Maria COMȘA, Alexandra Doina SÎRBU, Horia Silviu RĂCOARE, Veronica Sanda CHEDEA	BIOLOGICAL ASPECTS AND MANAGEMENT APPROACHES OF THE GRAPEVINE PEST, <i>PULVINARIA VITIS</i> , IN THE CLIMATE CHANGE CONTEXT
18	Alina MAIER, Vasile PĂDUREANU, Cristina CANJA, Mirabela Ioana LUPU, Geronimo Răducu BRĂNESCU, Cristina PĂDUREANU, Mariana-Atena POIANĂ	INFLUENCE OF HIGH-POWER ULTRASOUND TREATMENT ON RED WINE QUALITY PARAMETERS
19	Mihaela MĂLĂESCU, Alin DOBREI, Eleonora NISTOR, Alina Georgeta DOBREI, Giancarla VELICEVICI, Cristina TOȚA, Anca DRĂGUNESCU, Teodor CRISTEA, Daniela POȘTA	PERFORMANCES EVALUATION OF SOME WINE GRAPE CULTIVARS GROWN IN NORTH WEST OF ROMANIA
20	Eleonora NISTOR, Alina Georgeta DOBREI, Gabriel CIORICA, Mihaela MALAESCU, Simion ALDA, Marcel DANCI, Alin DOBREI	TRAINING TYPE, CROP LOAD AND SHADING EFFECT ON QUALITY COMPONENTS OF ITALIAN RIESLING GRAPE VARIETY
21	Liliana PÎRCĂLABU, Steliana Paula BARBU, Irina BĂLĂNESCU, Georgeta TUDOR	RESEARCH CONCERNING THE UTILIZATION OF THE UNDERGROUND DRIP IRRIGATION IN ORDER TO CONTROL THE WATER STRESS OF GRAPEVINE
22	Liliana PÎRCĂLABU, Steliana Paula BARBU, Irina BĂLĂNESCU, Georgeta TUDOR	CLIMATE CHANGE TREND AND EFFECTS ON VINE CULTIVATION IN DEALU MARE VINEYARD
23	Anelia POPOVA, Ludmil ANGELOV	EFFECT OF BUNCH THINNING ON THE GRAPES QUALITY IN CLONES 174 AND 470 FROM SYRAH VARIETY

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24	Marioara PUȘCALĂU, Ionica BOSOI, Alina Camelia DÎRLOMAN, Cristian BURLACU, Maria COMȘA, Sergiu GORJAN	PRELIMINARY RESEARCH ON THE GRAFTING AFFINITY OF SOME NEW GRAPEVINE CULTIVARS CREATED AT RDSVO ODOBESTI ON DROUGHT-RESISTANT ROOTSTOCKS
25	Boyan STALEV, Marko MIHAYLOV, Ludmil ANGELOV, Valentin BAMBALOV, Hristo KOZAROV	CHALLENGES CAUSED - CLIMATE CHANGE IN ORGANIC GRAPE PRODUCTION IN THE SOUTHWESTERN WINE-GROWING REGION
26	Mirela STĂNUȘ (RUJOIU), Alina Georgeta DOBREI, Eleonora NISTOR, Teodor CRISTEA, Anca Iulia TÂC (FAUR), Alin DOBREI	THE LOCAL GRAPEVINE VARIETIES - A SOURCE OF TYPICITY, AUTHENTICITY, AND ADAPTABILITY, WITHIN THE FRAMEWORK OF SUSTAINABLE VITICULTURAL TECHNOLOGIES
27	Felicia STOICA, Camelia MUNTEAN, Constantin BĂDUCĂ CĂMPEANU, Daniela Doloris CICHI	STUDIES ON THE CONTENT OF VOLATILE AROMATIC COMPOUNDS AND UNDESIRABLE COMPOUNDS IN VARIOUS FRUIT-DISTILLED BEVERAGES
28	Marinela STROE, Georgeta Mihaela BUCUR, Laura BRAUMAN	STUDY ON THE QUALITATIVE PROFILE OF SOME SEEDLESS VINE VARIETIES IN A TEMPERATE CLIMATE
29	Anamaria TĂNASE, Aurora RANCA, Ana NEGRARU, Traian Ștefan COSMA, Kwon MINKYUNG	THE ASSESSMENT OF PURITY AND TYPOLOGY OF THE 'PINOT GRIS' CULTIVAR, CULTIVATED IN THE MURFATLAR WINE-GROWING CENTER, THROUGH SYSTEMS BASED ON AMPELOMETRY

POSTER SESSION

VEGETABLE GROWING

Nr.	Authors	Paper Title
1	Ovidia Loredana AGAPIE, Elena BARCANU	A BRIEF DESCRIPTION OF CULTIVATED CHILLI PEPPERS
2	Alexandru Ioan APAHIDEAN, Gheorghita HOZA, Mihai CARBUNAR, Mariana BEI, Maria DINU, Alexandru COJOCARU, Sandor ROZSA	THE INFLUENCE OF CULTIVAR AND ORGANIC FERTILIZATIONS ON PLANT GROWTH, PRODUCTION AND QUALITY OF SWISS CHARD, IN WESTERN ROMANIA
3	Dan Ioan AVASILOAIEI, Claudia BĂLĂIȚĂ, Denisa SEVERIN, Petre Marian BREZEANU, Mariana CALARA	ENHANCING <i>PHYSALIS IXOCARPA</i> L. CROP YIELD QUANTITY AND QUALITY USING BIOCHAR, WOOD VINEGAR AND CROPMAX: A SUSTAINABLE APPROACH
4	Claudia BALAITA, Silvica AMBARUS, Petre Marian BREZEANU, Mariana CALARA, Dan Ioan AVASILOAIE, Elena Maria DRAGHICI	PRELIMINARY STUDIES ON THE INFLUENCE OF DIFFERENT SUBSTRATES ON THE CULTIVATION OF PEPPERS (<i>CAPSICUM ANNUUM</i> L.)
5	Alexandru BUTE, Creola BREZEANU, Silvica AMBĂRUȘ, Andreea ANTAL-TREMURICI, Petre Marian BREZEANU1, Neculai MUNTEANU	ANALYSES OF MORPHOLOGICAL DYNAMICS INTO THE VEGETATIVE PHASE OF WHITE CABBAGE (<i>B. OLERACEA</i> VAR. <i>CAPITATA</i> F. <i>ALBA</i>) ACROSS DIVERSE PLANTING SCHEDULES
6	Ioana BUȚERCHI, Gabriel-Ciprian TELIBAN, Lorena-Diana POPA, Marian BURDUCEA, Ioan PUIU, Nicolae-Valentin VLĂDUȚ, Alina Laura AGAPIE, Gheorghe MATEI, Ilie BODALE, Liviu-Mihai IRIMIA, Alexandru COJOCARU, Mădălina TENIE, Vasile STOLERU	QUALITATIVE AND AGROPRODUCTIVE RESULTS REGARDING SUCCESSIVE CROP OF SWEET PEPPER IN PROTECTED SPACES
7	Viktor BICHEV, Vera PETROVA	IMPACT OF URBAN CONDITION ON BRASSICACEAE DEVELOPMENT

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8	Daniela BĂLAN, Gabriela LUTA, Maria STANCA, Ovidiu JERCA, Stefana JURCOANE, Carmen GAIDAU, Mihaela NICULESCU, Aykut SANCAKLI, Aysegul UZUNER DEMİR	EFFECT OF BIOSTIMULANT TREATMENT ON THE ANTIOXIDANT ACTIVITY IN TOMATO FRUIT
9	Elena BARCANU, Ovidia Loredana AGAPIE, Ion GHERASE, Eliza TEODORESCU	CHALLENGING THE UNBEATABLE: <i>HELICOVERPA ARMIGERA</i> INFESTATION IN <i>MOMORDICA CHARANTIA</i> - A NOVEL CASE STUDY
10	Alexandra BECHERESCU, Maria DINU, Florin SALA	ELEMENTS OF PRODUCTIVITY IN TOMATO PLANTS IN RELATION TO FOLIAR FERTILIZATION
11	Creola BREZEANU, Silvica AMBĂRUȘ, Mariana CALARA, Andreea ANTAL TREMURICI, Alexandru BUTE, Dan Ioan AVASILOAIEI, Petre Marian BREZEANU	ASSESSMENT OF GENETIC DIVERSITY OF COMMON BEAN (<i>PHASEOLUS VULGARIS</i> L.) GERMPLASM RESOURCES, USING MORPHOLOGICAL CHARACTERIZATION
12	Alexandra BECHERESCU, Maria DINU, Florin SALA	ELEMENTS OF PRODUCTIVITY IN TOMATO PLANTS IN RELATION TO FOLIAR FERTILIZATION
13	Mariana CALARA, Neculai MUNTEANU, Dan Ioan AVASILOAIEI, Creola BREZEANU, Petre Marian BREZEANU, Claudia BĂLĂIȚĂ, Mihai HLIHOR	ASSESSING THE ALLELOPATHIC POTENTIAL OF VARIOUS SPECIES FOR WEED CONTROL IN ORGANIC FARMING ON A CLIMBING BEAN CROP
14	Gheorghe COTEȚ, Aurelia DIACONU, Alina PARASCHIV, Cristina BÎRSOGHE, Ștefan NANU, Maria BĂJENARU	STUDY ON THE EFFECTIVENESS OF SOME INSECTO-FUNGICIDE COMBINATIONS IN THE CONTROL OF PATHOGENS AND PESTS IN SWEET POTATO CROP IN THE FIELD
15	Raluca CIUBOTĂRAȘU, Elena DOBRIN, Lenuța CHIRA, Claudia BĂLĂIȚĂ, Elena Maria DRĂGHICI	REVIEW ON THE IMPACT OF CULTIVATION CONDITIONS ON THE GROWTH AND DEVELOPMENT OF MALABAR SPINACH (<i>BASELLA</i> SP.) IN ROMANIA

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16	Antoanela COZMA, Casiana MIHUȚ, Ariana VELCIOV, Codruța CHIȘ, V.D. MIRCOV, Sofia POPESCU, Ersilia ALEXA, Maria RADA	DETERMINATION OF THE NUTRITIONAL COMPOSITION OF CARROT POMACE
17	Georgi DIMITROV, Lilyana KOLEVA, Pavlina PETROVA	RESISTANCE OF LOCAL GENOTYPES AND MODERN TOMATO CULTIVARS TO ROOT-KNOT NEMATODES (<i>MELOIDOGYNE</i> SPP.)
18	Katya DIMITROVA, Yordanka KARTALSKA, Nikolay PANAYOTOV	EFFECT OF APPLICATION OF BIOSTIMULANT PROTIFERT LN 6.5 ON THE EPIPHYTIC AND RHIZOSPHERE BACTERIA OF PEPPER SEEDLINGS
19	Elena Maria DRĂGHICI, Elena DOBRIN, Adrian CHIRA, Lenuța CHIRA, Daniela BĂLAN, Gabriela LUȚĂ	STUDY REGARDING THE INFLUENCE OF SOME TECHNOLOGICAL FACTORS ON THE QUALITY OF SWEET POTATO PLANTING MATERIAL
20	Felicia FRĂTUȚU, Ștefan NANU, Cristina BIRSOGHE, Loredana SFÎRLOAGĂ	THE BEHAVIOR OF SOME MELON GENOTYPES (<i>CUCUMIS MELO</i> L.) GROWN ON SANDY SOILS FROM SCDCPN DABULENI
21	Gheorghita HOZA, Maria DINU, Alexandra BECHERESCU, Claudia-Loredana DRAGOMIR	INFLUENCE OF OPAQUE WALL GREENHOUSE MICROCLIMATE ON MELON GROWTH AND FRUITING
22	Petya IVANOVA, Blagoj ELENOV, Elena GRANCHAROVA	INFLUENCE OF IRRIGATION AND FERTIGATION ON SENSORY CHARACTERISTICS OF FRUITS OF WHITE STRAWBERRY (<i>FRAGARIA</i> X <i>ANANNASSA</i> “SNOW WHITE”) GROWN IN BULGARIA
23	Asmaa Ali JAILAWI, Zaid Khaleel KADHIM, Elena Maria DRAGHICI	STUDY ON THE MEDICINAL APPLICATIONS OF <i>MOMORDICA</i> <i>CHARANTIA</i> SPECIES: A REVIEW
24	Velika KUNEVA, Svetlana MANHART, Manol DALLEV, Vanya DELIBALTOVA, Galya DOBREVSKA, Nesho NESHEV, Sava TABAKOV, Veselin IVANOV	STUDY ON THE EFFECT OF SOME PRODUCTS FOR FOLIAR APPLICATION ON THE PRODUCTIVITY AND ESSENTIAL OIL CONTENT IN CORIANDER SEEDS (<i>CORIANDRUM</i> <i>SATIVUM</i> L.)

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25	Micu (Balint) DANIELA, Elena Maria DRĂGHICI	STUDY ON THE EFFECT OF NUTRIENT CONCENTRATION ON QUALITY PARAMETERS FOR LETTUCE GROWN ON VARIOUS SUBSTRATE TYPES
26	Nadejda MIHNEA, Galina LUPASCU, Angela RUDACOVA, Ala CHERDIVARA	THE ROLE OF THE PARENTAL FACTOR IN THE HERITABILITY OF THE BIOCHEMICAL CHARACTERS OF THE TOMATO FRUIT
27	Vlad Dragoslav MIRCOV, Casiana MIHUȚ, Antoanela COZMA	CLIMATE CHANGES AND ITS EFFECTS ON SOILS AND AGRICULTURE IN WESTERN AND SOUTH-WESTERN ROMANIA
28	Gergana MLADENOVA, Boyka MALCHEVA, Milena YORDANOVA	RHIZOPLANE AND RHIZOSPHERE MICROBIAL ACTIVITY IN ECOLOGICALLY CULTIVATED VEGETABLES AND OTHER CROPS
29	Bianca MUSAT (ZAMFIR), Costel VINATORU, Adrian PETICILA, Matilda POPESCU, Geanina NEGOSANU, Camelia BRATU	NEW VARIETY OF <i>SOLANUM SYMBRIFOLIUM</i> OBTAINED AT BRGV BUZAU, ROMANIA
30	Oana Alina NIȚU, Elena Ștefania IVAN, Ionut Ovidiu JERCA, Nicoleta Daniela SÂRBU, Mihaela BALAN	RESEARCH ON THE INFLUENCE OF THE IRRIGATION REGIME AND ORGANIC FERTILIZATION ON THE CUCUMBER PRODUCTION GROWN ON PERLITE SUBSTRATE
31	Oana Alina NIȚU, Emanuela JERCA, Elena Ștefania IVAN, Augustina Sandina TRONAC	THE EFFECT OF ADDITIONAL OXYGENATION AND LED LIGHTING ON THE GROWTH OF LUGANO AND CARMESI LETTUCE VARIETIES CULTIVATED IN THE NFT SYSTEM
32	Ion NIȚU, Elisabeta Elena POPA, Elena MĂNĂILĂ, Silvana DĂNĂILĂ-GUIDEA, Mihaela GEICU-CRISTEA, Mona Elena POPA, Mihaela Cristina DRĂGHICI, Paul Alexandru POPESCU, Amalia Carmen MITELUȚ	EFFECT OF MONTMORILLONITE BASED HYDROGELS APPLICATION ON MORPHOLOGICAL CHARACTERISTICS OF LETTUCE SEEDLINGS (<i>LACTUCA SATIVA</i>)

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33	Ștefănică OSTACI, Cristina SLABU, Alina Elena MARTA, Mihaela COVAȘĂ, Iulia MINIATĂ, Carmenica Doina JIȚĂREANU	THE STUDY OF SOME AMINO ACIDS WITH A ROLE IN THE ADAPTATION OF THE BITTER CUCUMBER (<i>MOMORDICA CHARANTIA</i>) TO SALINITY STRESS
34	Alina PERIȘOARĂ, Lucia PÎRVU, Diana Manuela ENE, Marian PAVEL, Laura OLARIU, Stelica CRISTEA	THE INFLUENCE OF TWO TYPES OF EXTRACTS OBTAINED FROM TAGETES ERECTA FLOWERS ON RADISH SEEDS
35	Marko PETEK, Antun ŠOKEC, Jana ŠIĆ ŽLABUR, Kristijan KONOPKA, Sanja FABEK UHER	CONTENT OF POTASSIUM AND IRON IN TOMATO PRODUCTS
36	Mariana PETKOVA	BIOLOGICAL CONTROL OF LETTUCE DROP (<i>SCLEROTINIA SCLEROTIORUM</i>) USING ANTAGONISTIC BACILLUS SPECIES
37	Vera PETROVA, Tsvetelina NIKOLOVA, Milena YORDANOVA	USING BIOCHAR AND ORGANIC FERTILIZER IN THE CULTIVATION OF BOK CHOY (<i>BRASSICA RAPA</i> L. SSP. <i>CHINENSIS</i> L.)
38	Monica POPA, Mihaela CIOLOCA, Andreea TICAN, Alexandra-Mihaela NAGY, Camelia SAVA SAND	THE EFFECT OF CULTURE SUBSTRATE AND WATER STRESS ON TUBER DEVELOPMENT IN THREE SWEET POTATO CULTIVARS ACCLIMATIZED IN THE GREENHOUSE
39	Georgiana RĂDEANU, Neculai MUNTEANU, Cristina PRECUPEANU, Gabriel-Ciprian TELIBAN, Lorena-Diana POPA, Vasile STOLERU	AGROBIOLOGICAL AND TECHNOLOGICAL CHARACTERIZATION OF PHASEOLUS COCCINEUS L.
40	Vladimir ROTARU, Vladimir TODIRAȘ	EFFECTS OF TREATMENTS WITH BIOPESTICIDE CARBECOL AND FUNECOL ON TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.) LATE BLIGHT
41	Camelia Aurora SIMIONESCU, Elena DOBRIN, Elena Maria DRĂGHICI	RESEARCH ON THE EVOLUTION OF TOMATO VARIETIES AND HYBRIDS CULTIVATED IN ROMANIA

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42	Rodica SOARE, Maria DINU, Cristina BĂBEANU, Mihai BOTU	THE INFLUENCE OF FOLIAR FERTILIZATION WITH HUMIC ACIDS - BASED PRODUCTS ON THE QUALITY OF TOMATO FRUITS
43	Gabriela ȘOVAREL, Ion SCURTU, Simona HOGEA, Gicuța SBÎRCIOG	BIOLOGICAL CONTROL OF MAIN DISEASES AND PESTS ON MELON CROPS IN THE FIELD
44	Gabriela SOVAREL, Simona Stefania HOGEA, Ion SCURTU, Gicuta SBÎRCIOG	BIOLOGICAL AND CONVENTIONAL CONTROL OF <i>SPHAEROTHECA</i> <i>FULIGINEA</i> PATHOGEN ON ZUCCHINI CROPS
45	Sovorn CHAN, Aurora DOBRIN, Elena DOBRIN, Elena Maria DRĂGHICI	THE INFLUENCE OF LIGHT INTENSITY ON YIELD AND MINERAL CONTENTS OF FOUR <i>LETTUCE</i> SPECIES CULTIVATED IN NUTRIENT FILM TECHNIQUE (NFT)
46	Ramona ȘTEF, Ioana GROZEA, Ana-Maria VIRTEIU, Anișoara DUMA COPCEA, Daniela Nicoleta SCEDEI, Codruța CHIȘ, Anișoara IENCIU, Alin CĂRĂBETȚ	POPULATION MANAGEMENT OF <i>MYZUS PERSICAE</i> (SULZER) IN <i>SOLANUM TUBEROSUM</i> AGROECOSYSTEM USING CHEMICAL AND BIOLOGICAL PRODUCTS
47	Anhelina STEWART	THE INFLUENCE OF THE TEMPERATURE REGIME ON THE QUALITY INDICATORS OF TOMATOES GROWN IN OPEN GROUND
48	Valentina STOIAN, Floarea BURNICHI, Emilian MIREA, Dumitru-Mitel TOMA, Amalia-Carmen MITELUȚ	MORPHOLOGICAL CHARACTERIZATION OF SOME DWARF BEAN SEEDS FROM SCDL BUZĂU COLLECTION
49	Mima TODOROVA, Stefka ATANASSOVA, Dimitar YORGOV, Petya VELEVA, Dimitar ZHELYAZKOV, Antonya PETROVA, Velika BOTEVA	RELATIONSHIPS BETWEEN RGB COLOR CHARACTERISTICS AND TOMATO FRUIT QUALITY
50	Andreea ANTAL-TREMURICI, Creola BREZEANU, Petre Marian BREZEANU, Alexandru BUTE,	RESEARCH ON THE EFFECT OF SALINITY ON TOMATO (<i>LYCOPERSICON</i> <i>ESCULENTUM</i> Mill.) DURING THE SEED

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	Andreea-Beatrice CATANĂ, Vasile STOLERU	GERMINATION STAGE AND ON THE VEGETATION PERIOD: REVIEW
51	Nikolaya VELCHEVA, Tsvetelina STOILOVA	SMALL HOLDINGS IN MOUNTAIN AND SEMI-MOUNTAIN AREAS IN BULGARIA AND THEIR IMPACT ON AGROBIODIVERSITY
52	Ariana - Bianca VELCIOV, Marcel DANCI, Antoanela COZMA, Virgil - Dacian LALESCU, Laura RĂDULESCU, Georgeta - Sofia POPESCU, Maria RADA	EVALUATION OF SOME NUTRITIONAL COMPOUNDS OF GARLIC (<i>ALLIUM SATIVUM</i> L.) PEEL WASTE
53	Giancarla VELICEVICI, Dorin CAMEN, Sorin CIULCA, Adriana CIULCA, Carmen BEINSAN, Mihaela MALAESCU, Mihaela MOATAR, Daniela POȘTA, Iuliana CRETESCU	EFFECT OF DROUGHT STRESS ON PROLINE AND CHLOROPHYLL CONTENTS IN SOME TOMATO GENOTYPES
54	Costel VINATORU, Bianca MUSAT, Adrian PETICILA, Camelia BRATU, Geanina NEGOSANU, Matilda POPESCU	YIELD AND QUALITY EVALUATION OF L 548, VITAMINA, THE NEW TOMATO VARIETY OBTAINED AT BRGV BUZĂU
55	Costel VINATORU, Adrian PETICILA, Bianca MUSAT, Camelia BRATU, Geanina NEGOSANU, Matilda POPESCU	NEW CHERRY TOMATOES VARIETIES OBTAINED AT BRGV BUZĂU
56	Milena YORDANOVA, Beti MIROSLAVOVA	PRE-TREATMENT OF SLOW- GERMINATING APIACEAE SEEDS FOR MICROGREENS

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FLORICULTURE, ORNAMENTAL PLANTS, DESIGN AND LANDSCAPE ARCHITECTURE

No	Authors	Paper Title
1	Maria APOSTOL, Raluca Maria HLIHOR, Isabela Maria SIMION, Laura HAGIU ZALENSCHI, Lucia DRAGHIA, Elena Liliana CHELARIU	PHYTOTOXICITY EFFECTS OF LEAD ON SEEDS GERMINATION AND SEEDLING GROWTH OF 'WIZARD ROSE' AND 'WIZARD JADE' COLEUS VARIETIES
2	Roberto BERNARDIS, Cristina ZLATI, Daniela POȘTA	THE INFLUENCE OF SOME GROWTH REGULATORS ON THE GERMINABILITY AND DEVELOPMENT AT <i>ALBIZIA JULIBRISSIN</i> DURAZZ.
3	Roberto Renato BERNARDIS, Adrian NISTOR, Marius DASCĂLU, Tatiana SANDU	PAULOWNIA IMPERIALIS, PRINCESS PAVLOVA'S TREE: DEVELOPING A PLANTATION IN ROMANIA
4	Claudia BURLĂCIOIU, Sorina PETRA, Florin TOMA	CURRENT STATE OF RESEARCH ON BIOLOGICAL, ORNAMENTAL AND UTILITARIAN PARTICULARITIES OF SOME SPECIES OF THE GENUS <i>SALVIA</i> L. (LAMIACEAE)
5	Doina CLAPA, Ana-Maria RADOMIR, Adrian George PETICILĂ, Adelina DUMITRAȘ, Monica HÂRȚA	IN VITRO EVALUATION OF SALT AND DROUGHT STRESS TOLERANCE IN <i>HYPERICUM CALYCINUM</i> L.
6	Mirela COJOCARIU, Iulia Andreea PRICOB	A REDEVELOPMENT SOLUTION FOR THE 'ALEXANDRU SAHIA' PARK IN RĂDĂUȚI
7	Otilia COTUNA, Mirela PARASCHIVU, Veronica SĂRĂȚEANU, Ramona ȘTEF, Klaudia KINCEL	<i>CARULASPIS JUNIPERI</i> (BOUCHÉ) (DIASPIDIDAE: CARULASPIS), PEST OF THUJA FROM TIMIȘ COUNTY - CASE STUDY
8	Silvana Mihaela DĂNĂILĂ-GUIDEA, Ecaterina DAMIAN, Ricuta-Vasilica DOBRINOIU, Monica ENACHE, Gabriela POPA, Valerica-Luminița VIȘAN	VEGETATIVE PROPAGATION SYSTEM FOR <i>HELICHRYSUM ITALICUM</i> PLANTS WITH ORNAMENTAL AND MEDICINAL PROPERTIES

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9	Marcel Vasile DANCI, Simion ALDA, Daniela SCEDEI, Cerasela PETOLESCU, Eleonora NISTOR, Alina DOBREI	STUDIES ON THE INFLUENCE OF GROWTH REGULATORS IN THE <i>IN VITRO</i> MULTIPLICATION OF TWO VARIETIES OF PITAYA (<i>HYLOCEREUS UNDATUS</i>)
10	Elena DELIAN, Elena SĂVULESCU, Liliana BĂDULESCU, Monica Luminița BADEA	LEAF STOMATAL TRAITS AND ASSOCIATED PHYSIOLOGICAL PARAMETERS IN DIFFERENT DECIDUOUS ORNAMENTAL TREES DURING AUTUMN SENESCENCE
11	Gilda-Diana BUZATU, Ana Maria DODOCIOIU, Manuela MANDA	STUDY ON THE USE OF PAPER WASTE AS AN ALTERNATIVE SUBSTRATE FOR <i>FICUS BENJAMINA</i> SPECIES
12	Alina GHIMIȘ, Beatrice IACOMI, Diana VÂȘCĂ-ZAMFIR	PRELIMINARY RESEARCH ON THE EFFECTS OF BIOEXTRACTS FROM <i>FICUS CARICA</i> LEAVES ON CHILI PEPPER (<i>CAPSICUM ANNUUM</i>) PLANTS CULTIVATED FOR ORNAMENTAL PURPOSES
13	Daniela GIOSANU, Loredana VÎJAN, Carmen TOPALĂ, Mihaela OPREA	INVESTIGATIONS ON THE BIOACTIVE COMPOUNDS AND ORNAMENTAL PROPERTIES OF SOME LAVENDER CULTIVARS
14	Codrina GRECU, Corina-Laura SANDU, Ana-Maria-Roxana ISTRATE	LANDSCAPE STUDY ON THE USE OF WOOD IN THE REHABILITATION OF THE "BOJDEUCA ION CREANGA" MUSEUM GARDEN IN IASI
15	Monica HÂRȚA, Doina CLAPA, Rodica POP, Mirela Irina CORDEA, Doru PAMFIL	IN VITRO PROPAGATION OF <i>SAINTPAULIA IONANTHA</i> WENDL. GENOTYPES AND ASSESSMENT OF GENETIC STABILITY OF REGENERATED PLANTS USING CDDP MARKERS
16	Paula IANCU, Mariana NICULESCU, Ovidiu PĂNIȚĂ	VARIABILITY STUDIES OF LOCAL POPULATIONS OF <i>ANACAMPTIS LAXIFLORA</i> SSP. <i>ELEGANCE</i> LAM. SSP. <i>ELEGANS</i> (HEUFFEL) SOÓ FROM THE OLTENIA REGION, ROMANIA

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18	Cristina MĂNESCU, Alina Eliza DUDĂU	EFFECTS OF ORGANIC AND MINERAL FERTILIZERS ON GROWTH AND FLOWERING OF YOUNG LAVENDER (<i>LAVANDULA ANGUSTIFOLIA</i> MILL.) PLANTS
19	Teodora MORAR, Emil LUCA, Costin MURARU, Andreea RĂDUCU LEFTER, Adela HOBLE	TOWARDS SUSTAINABLE URBAN GREEN AREAS: TREE INVENTORY IN GROZĂVEȘTI PARK (BUCHAREST, ROMANIA) FOR REVITALIZATION USING WATER-EFFICIENT APPROACHES
20	Carmen NICU, Manuela MANDA	EVALUATION OF SOME HYACINTH CULTIVARS UNDER OPEN FIELD CONDITIONS
21	Valentin PANCHEV	INFLUENCE OF THE ULTRASOUND ON THE SOWING QUALITY OF SNAPDRAGON (<i>ANTIRRHINUM MAJUS</i> L.) SEEDS
22	Mounir HADJI, Alexandru-Ionuț PETRIȘOR	FROM AGRICULTURAL OASIS TO URBANIZATION: PATH OF OASIS GREEN INFRASTRUCTURES IN BISKRA, ALGERIA
23	Maria RAICU, Petronela CAMEN-COMĂNESCU, Mihaela URZICEANU, Paulina ANASTASIU, Florin TOMA	THE ROLE OF ORNAMENTAL HORTICULTURE IN PLANT INVASION: A CASE STUDY IN ROMANIA
24	Ioan SĂRAC, Emilian ONISAN, Irina PETRESCU, Dorin CAMEN, Cerasela PETOLESCU, Ciprian STROIA	CADMIUM'S EFFECTS ON GERMINATION AND GROWTH IN <i>DIANTHUS DELTOIDES</i> : AN <i>IN VITRO</i> CULTURE APPROACH
25	Zsolt SZEKELY-VARGA, Ildikó LIHÁT, Attila BANDI, Géza BALLA, Endre KENTELKY	INFLUENCE OF COLD TREATMENTS ON FLOWER QUALITY OF BULBOUS ORNAMENTALS

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27	Alina Maria TENCHE CONSTANTINESCU, Irina PETRESCU, Ioan SARAC, Emilian ONISAN, Dacian LALESCU, Ciprian STROIA	EXPLORING THE POTENTIAL OF ROMANIAN WALNUTS: A STUDY ON <i>JUGLANS REGIA</i> POPULATIONS
28	Dumitru-Mitel TOMA, Floarea BURNICHI, Emilian MIREA, Valentina STOIAN	RESEARCH ON THE EFFECTS OF ABIOTIC STRESS - DROUGHT AND TEMPERATURE IN THE REGULATION OF FLOWERING PERIOD IN <i>PELARGONIUM</i>
29	Cristina TOȚA, Cristian BERAR, Florin SALA	VARIABILITY OF SOME LEAF PARAMETERS IN <i>LIQUIDAMBAR STYRACIFLUA</i> L. IN CONDITIONS OF LEAVES CHLOROSIS
30	Ana - Maria VÎRTEIU, Ramona ȘTEF, Codruța CHIȘ, Ioana GROZEA	COLOUR PREFERENCE AND RESPONSE OF THRIPS TO DIFFERENT PETUNIA VARIETIES IN WESTERN ROMANIA

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2	Monica Luminita BADEA, Liliana BĂDULESCU, Elena DELIAN, Elena SĂVULESCU, Vasilica LUCHIAN	ASPECTS REGARDING THE ANATOMY AND COMPOSITION OF THE VOLATILE OIL IN THE <i>ARTEMISIA ABSINTHIUM</i> L. (ASTERACEAE) SPECIES FROM ROMANIA
3	Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Adrian Constantin ASANICA, Florin STANICĂ	WHAT IS THE DIFFERENCE BETWEEN THE INTERNATIONAL, NATIONAL, AND LOCAL METEO STATIONS FOR ONE SPECIFIC ORCHARD? – 100 YEARS OF RECORDS DATABASE ANALYSIS
4	Monica CATANĂ, Luminița CATANĂ, Adrian Constantin ASĂNICĂ, Monica-Alexandra DĂRĂ, Florica CONSTANTINESCU, Denisa-Eglantina DUȚĂ	RESEARCH ON THE FORTIFICATION OF A PASTRY PRODUCT WITH CAULIFLOWER LEAVES POWDER TO INCREASE NUTRITIONAL QUALITY AND ANTIOXIDANT POTENTIAL
5	Luminița CATANĂ, Monica CATANĂ, Florica CONSTANTINESCU, Anda-Grațiela BURNETE, Gabriela STAMATIE, Adrian Constantin ASĂNICĂ	RESEARCH ON THE REALIZATION AND TESTING OF THE FERMENTATION CAPACITY OF NATURAL SOURDOUGH FORTIFIED WITH SPIRULINA POWDER
6	Ihor CHIKOV, Liubov ISHCHUK, Volodymyr HRABOVYI, Inna DIDENKO, Tetiana SHVETS, Iryna BOIKO	ASSESSMENT OF DECORATIVE QUALITIES OF <i>LYSICHITON</i> <i>CAMTSCHATCENSIS</i> (L.) SCHOTT. IN THE CONDITIONS OF THE RIGHT-BANK FOREST-STEPPE OF UKRAINE

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8	Roxana CICEOI, Venat OANA	COLD PLASMA TECHNOLOGY IN ENHANCING POST-HARVEST MANAGEMENT AND SECURITY
9	Valeria CIOLAC, Casiana MIHUȚ, Mihaela MOATĂR, Anișoara IENCIU, Livia CIOLAC	ASSESSMENT OF NATURAL REGENERATION IN CROPS FROM THE APUSENI MOUNTAINS
10	Daniel-Nicolae COJANU, Maria-Cristina LUMÎNARE, Oana Alina BOIU-SICUIA, Călina Petruța CORNEA	EVALUATION OF NATIVE BACTERIAL STRAINS AS PLANT GROWTH PROMOTERS FOR GREENHOUSE TOMATOES
11	Carmen CONSTANTIN, Elvira GAGNIUC, Aurora DOBRIN, Andrei MOT, Liliana BĂDULESCU, Carmen CÎMPEANU, Carmen Georgeta NICOLAE, Ionel Ivan, Mala STAVRESCU-BEDIVAN	OPPORTUNITIES AND CHALLENGES IN GROWING <i>ONCORHYNCHUS MYKISS</i> (WALBAUM, 1792) - A CASE STUDY
12	Ghita Cristian CRAINIC, Florin COVACI, Ioan Ovidiu HĂRUȚA, Flavia IRIMIE (CIOFLAN), Anamaria SUPURAN, Călin Ioan IOVAN	SPECIFIC CHARACTERISTICS OF STANDS OBTAINED - TRANSFORMING SILVO- PASTORAL SYSTEMS
13	Mihaela Monica DINU, Maria-Cristina LUMÎNARE, Lavinia Diana BARBU-BUTURUGĂ, Daniel Nicolae COJANU, Ana-Cristina FĂȚU	UNLOCKING THE POTENTIAL OF ENTOMOPATHOGENIC FUNGI: THE ROLE OF EXUVIAE-SUPPLEMENTED MEDIA IN AUGMENTING BIOLOGICAL ACTIVITY
14	Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ-GUIDEA, Paul Alexandru POPESCU	THE EFFECT OF OPTIMIZING TECHNOLOGICAL PRACTICES ON THE INCREASE OF BIOMASS PRODUCTION AND CARBON SEQUESTRATION RATE TO <i>PAULOWNIA</i> SSP.
15	Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ-GUIDEA, Luminița Valerica VIȘAN	RESEARCH ON THE EVOLUTION OF THE PHYSICAL AND MECHANICAL PARAMETERS OF <i>PAULOWNIA</i> FIBER UNDER DIFFERENT PLANTING AND FERTILIZATION CONDITIONS

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17	Monica ENACHE, Valentin LUCA, Silvana Mihaela DĂNĂILĂ-GUIDEA	A REVIEW OF THE TOXICITY OF SOME SPONTANEOUS RANUNCULACEAE FROM THE ROMANIAN FLORA
18	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIPȘA, Eugen ULEA	COMPARISON OF THE MICROBIAL COMMUNITY OF ORCHARD SOILS IN THE NORTH-EAST PART OF ROMANIA
19	Indira GALIT, Nicoleta RADU, Narcisa BABEANU, Oana COMAN	VALUABLE COMPOUNDS DERIVED FROM CUCURBITACEAE SUBPRODUCTS AND POTENTIAL WAYS OF ITS VALORIZATION
20	Mihai Lavinius IOVIȚĂ, Adina HORABLAGA, Carmen BEINȘAN, Alexandru PANICI, Dorin CAMEN	RESEARCH ON THE IMPACT OF CLIMATE CHANGE ON THE ENVIRONMENT: A REVIEW
21	Zenzile KHETSHA	USING CYTOKININ TO ENHANCE ESSENTIAL OIL BIOSYNTHESIS OF TWO ROSE GERANIUM (<i>PELARGONIUM GRAVEOLENS</i> L.) VARIETIES: REUNION AND MADAGASCAR-TYPE
22	Anna KOVTONIUK, Liudmyla DZHUS, Volodymyr HRABOVYJ, Liubov ISHCHUK, Inna DIDENKO	DYNAMICS OF THE AGE STRUCTURE OF <i>TULIPA</i> <i>GUERCETORUM</i> CLOKOV & ZOZ IN THE NATIONAL DENROLOGICAL PARK SOFIIVKA OF THE NAS OF UKRAINE
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24	Gabi Mirela MATEI, Sorin MATEI	THE INFLUENCE OF TOMATO ROOT EXUDATES ON STRUCTURE AND DIVERSITY OF RHIZOSPHERE COMMUNITIES OF BACTERIA AND FUNGI

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26	Ioana Mihaela MIHALCIOIU, Alen Luis Gabriel OLTEANU, Andrei Florin TABACU, Diana Emanuela LORENTZ, Cosmin MIHAI, Ana Cornelia BUTCARU, Florin STĂNICĂ	HORTIVOLTAICS – A ROAD TO GO OR NOT?
27	Ailin MOLOȘAG, Violeta Alexandra ION, Oana Cristina PARVULESCU, Liliana BADULESCU, Viorica LAGUNOVSKI-LUCHIAN	GREEN AGRICULTURE WITH BLUE RESOURCES: FERTILIZATION BASED ON FISH, ALGAE AND OTHER UNDERVALUED MATERIALS: A REVIEW
28	Catalina NICOLAE, Oana VENAT, Adrian PETICILĂ, Dorel HOZA	ASSESSING THE INFLUENCE OF 2,4-D AND BAP VARIATIONS ON SOMATIC EMBRYOGENESIS IN <i>SOLANUM TUBEROSUM</i>
29	Marilena Gabriela OLTEANU ZAHARIE, Nicoleta RADU, Narcisa BABEANU, Lucia Camelia PIRVU, Marinela BOSTAN	STUDIES REGARDING THE CYTOTOXICITY OF POLYSACCHARIDES ISOLATED FROM INDIGENOUS <i>PLANTAGO LANCEOLATA</i>
30	Alexandru PANICI, Dorin Dumitru CAMEN, Maria Mihaela MOATĂR, Carmen BEINĂȘAN, Lavinius IOVIȚĂ	EVALUATION OF PHOTOSYNTHETIC RATE AND CHLOROPHYLL CONTENT IN FIVE FOREST SPECIES
31	Raul PAȘCALAU, Stefana BAICU (ZOICAN), Roxana BĂLĂȘOIU (JIGĂU), Raul Cristian JURCUȚ, Laura Iosefina ȘMULEAC, Cosmin SĂLĂȘAN	LINGUISTIC DIVERSITY CULTIVATING AGRICULTURAL PROGRESS: THE SIGNIFICANCE OF FOREIGN LANGUAGES IN MODERN AGRICULTURE
32	Bilyana GRIGOROVA-PESHEVA, Boyka MALCHEVA, Asen PESHEVA	CHANGES IN MICROBIAL ABUNDANCE OF COMPOST AFTER TREATMENT WITH SPECIFIC ADDITIVES

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35	Sofia POPESCU, Ariana VELCIOV, Florina RADU, Despina BORDEAN, Antoanela COZMA, Luminita PIRVULESCU, Lia ROTARIU, Anisoara IENCIU	PLANT MILK – ALTERNATIVE FOR DAIRY PRODUCTS
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37	Mariana ROZSNYAI, Georgiana PLOPEANU, Iulia GRAFU, Mihaela LUNGU, Mirela CĂLINESCU, Emil CHITU, Mihai MARINESCU	DISTRIBUTION OF SOME NUTRITIVE ELEMENTS IN LEAVES OF DIFFERENT APPLE VARIETIES
38	Elena SĂVULESCU, Elena DELIAN, Mihaela-Ioana GEORGESCU, Vasilica LUCHIAN, Lenuța-Constantina CHIRA, Ioana-Cătălina NICOLAE	MORPHOLOGICAL, ANATOMICAL AND PHYSIOLOGICAL LEAF TRAITS OF PISTACHIO (<i>PISTACIA VERA</i> L.) GROWN IN BUCHAREST AREA (ROMANIA)
39	Constanta Corina SIRBU, Anisoara DUMA COPCEA, Daniela SCEDEI, Casiana MIHUT	STUDY ON POPULATION INVOLVEMENT IN WASTE MANAGEMENT
40	Valentina STOIAN, Ștefania GÂDEA, Anamaria VÂTCĂ, Mădălina TRUȘCĂ, Alin Laviniu POPA, Alina TOȘA, Adriana DAVID, Ovidiu MARIAN, Sorin VÂTCĂ	WATER IN BIOLOGICAL SYSTEMS–A CHALLENGE FOR PLANT PHYSIOLOGY AND BIOPHYSICS WITHIN A CLIMATE CHANGE PERSPECTIVE

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43	Catalina TUDORA, Adriana MUSCALU, Floarea BURNICHI, Marga GRADILA, Daniel JALOBĂ, Valentin Nicolae VLĂDUȚ	ALLELOPATHIC EFFECT OF THE ESSENTIAL OIL OBTAINED FROM HYSSOP (<i>HYSSOPUS OFFICINALIS</i> L., FAM. LAMIACEAE)
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