



Section 2

HORTICULTURE

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- Arina ANTOCE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Adrian ASĂNICĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Liliana BĂDULESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Valentina BOZHKOVA - Fruit Growing Institute, Plovdiv, Bulgaria
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- Sina COSMULESCU - University of Craiova, Romania
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- Alin DOBREI - Banat University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timișoara, Romania
- Elisabeta DOBRESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lucia DRAGHIA - “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine 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 - Banat University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” 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, România
- Adrian PETICILĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- 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

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- Adrian PETICILĂ
- Adrian ASĂNICĂ
- Dorel HOZA
- Elena DELIAN
- Florin TOMA
- Elisabeta DOBRESCU
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SECTION 2 – HORTICULTURE

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

Horticulture Section Co-Chair:
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THURSDAY, 3TH OF JUNE, 2021

- 14:00 – 14:10 *Conference Section Opening*
14:10 – 16:00 *Online paper presentation*
16:00 – 16:30 *Q & A Session*
16:30 – 17:30 *Virtual Poster display and online discussions with authors*

Online paper presentation 1

Time: 14:10 – 16:00

Session Moderators: **Prof. Dr. Adrian ASĂNICĂ**
Assoc Prof. Dr. Adrian PETICILĂ

No	Time	Authors	Paper Title
1	14:10 – 14:20	Sneha SHARMA, Sumesh K.C, Panmanas SIRISOMBOON	HYPERSPECTRAL IMAGING SYSTEM FOR MATURITY STAGE CLASSIFICATION OF DURIAN PULP USING BAYESIAN OPTIMIZED MACHINE LEARNING ALGORITHMS
2	14:20– 14:30	Adrian ASĂNICĂ	CURRENT BLUEBERRY GROWING SYSTEMS, CHALLENGES AND INNOVATIONS SOLUTIONS FOR THE FUTURE
3	14:30 – 14:40	Alin DOBREI, Roxana NAN, Eleonora NISTOR, Alina DOBREI	COMPARATIVE RESEARCH ON THE INFLUENCE OF SOME TECHNOLOGICAL SEQUENCES FROM CONVENTIONAL AND ORGANIC VITICULTURE
4	14:40 – 14:50	Nadejda MIHNEA, Diana CLIMĂUȚAN, Christian ROȘCA, Irina ZAMORZAEVA	GENETIC-BREEDING VALUE OF THE TOMATO FORMS CARRYING THE B (CAROTENE) AND R (YELLOW FLESH) GENES
5	14:50 – 15:00	Cristina Electra MĂCNEA, Adrian ASĂNICĂ, Claudia FABIAN, Adrian PETICILĂ, Julia Nerantzia TZORTZI	URBAN HORTICULTURE INNER LIVING CITY, INTERACTIONS AND TRADE-OFFS

No	Time	Authors	Paper Title
6	15:00 – 15:10	Daniel RĂDUȚOIU, Laurențiu BĂLONIU	INVASIVE AND POTENTIALLY INVASIVE ALOGEN PLANTS IN THE AGRICULTURAL CROPS OF OLTENIA
7	15:10-15:20	Elena Gabriela STAN, Florin STĂNICĂ, Lavinia Mihaela ILIESCU	JUJUBE PROCESSING: METHODS, PRODUCTS AND NUTRACEUTIC VALUE
8	15:20 – 15:30	Mihaela IORDĂCHESCU, Anca Amalia UDRIȘTE, Liliana BĂDULESCU	MOLECULAR MARKERS USAGES IN CULTIVATED FRUIT TREES FROM ROSACEAE FAMILY
9	15:30 – 15:40	Ana Cornelia BUTCARU, Ioana Laura CĂTUNEANU, Florin STĂNICĂ, Liliana BĂDULESCU	EVALUATION OF THE ENVIRONMENTAL IMPACTS OF FRUIT PRODUCTION USING LIFE CYCLE ASSESSMENT (LCA) (REVIEW)
10	15:40 – 15:50	Nora Eugenia D. G. ANGHELESCU, Hajnalka KERTÉSZ, Hajnal PATAKI, Mihaela I. GEORGESCU, Sorina A. PETRA, Florin TOMA	<i>CYPRIPEDIUM CALCEOLUS</i> L. AND <i>CYPRIPEDIUM CALCEOLUS</i> L. VAR. <i>CITRINA</i> Bergt. HISTORY, DESCRIPTION, POLLINATION, DISTRIBUTION AND CONSERVATION STATUS IN ROMANIA
11	15:50 – 16:00	Ioana-Cătălina NICOLAE, Dorel HOZA, Adrian George PETICILĂ, Oana Cosmina Arabela VENAT	RESEARCH ON THE USE SYNTHETIC SEED IN CONSERVATION OF <i>KALANCHOE BLOSSFELDIANA</i>

FRIDAY, 4TH OF JUNE, 2021

- 08:00 – 09:00 *Online registration of participants*
- 09:00 – 11:00 *Opening virtual session and online paper presentation 1*
- 11:00 – 11:30 *Virtual networking session / Q & A session*
- 11:30 – 13:00 *Online paper presentation 2*
- 13:00 – 13:30 *Q & A session*
- 13:30 – 14:00 *Virtual networking session/break*
- 14:00 – 16:50 *Online paper presentation 3*
- 16:50 – 17:00 *Virtual networking session / Q & A session*
- 17:00 – 17:15 *Conclusions and closing session*
- 14:00 – 16:00 *“Resilience of the landscape - ecological restoration” - protection and improvement of natural systems integrated in the landscape - 8th edition, Faculty of Horticulture, online link: TBA*
- 15:00 – 17:00 *“The role and importance of ICT in Agriculture initiatives”, Faculty of Horticulture, online link: TBA*

Online paper presentation 1

Time: 09:00 – 11:00

Session Moderators: *Assoc Prof. Dr. Adrian PETICILĂ*
Assist Prof. Dr. Cosmin MIHAI

No		Authors	Paper Title
1	09:00 -09:10	Elena-Cocuța BUCIUMEANU, Diana Elena VIZITIU, Lucian DINCĂ, Ana-Maria RADOMIR	USE OF ANALYTIC HIERARCHY PROCESS ON THE CHOICE OF GRAPEVINE VARIETIES SUITABLE FOR A SUSTAINABLE VITICULTURE AND MARKET DEMANDS IN THE VITICULTURAL CENTER STEFANESTI
2	09:10-9:20	Kostadin KOSTADINOV, Radoslav CHIPILSKI, Stoyan FILIPOV, Nadezhda SHOPOVA	PHYSIOLOGICAL PARAMETERS AND VEGETATIVE BEHAVIOR OF BIOLOGICAL GROWN HEAD LETTUCE TYPE (<i>LACTUCA SATIVA</i> L. VAR <i>CAPITATA</i> L.)
3	09:20-9:30	Mihaela Ioana GEORGESCU, Elena SĂVULESCU, Vlad Ioan POPA, Vasilica LUCHIAN, Emilia MOISESCU, Gabriel Cristian MILOȘ	SOME OBSERVATIONS ON THE ECOLOGY AND MORPHOLOGICAL FEATURES OF A <i>HUMULUS</i> <i>SCANDENS</i> (LOUR.) MERR. (<i>H.</i> <i>JAPONICUS</i> SIEBOLD & ZUCC.) POPULATIONS FOUND ON THE DÂMBOVIȚA RIVER BANKS
4	09:30-9:40	Bogdan MIHALACHE, Vladimir Ionuț BOC, Cosmin PĂRLOG	TREE INVENTORY ANALYSIS IN VĂCĂREȘTI NATURAL PARK
5	09:40-9:50	Carmen-Gabriela CONSTANTIN, Aurora DOBRIN, Maria PARASCHIV	CASSIS FRUITS - NATURAL SOURCE OF FOOD AND ANTIOXIDANTS THROUGHOUT THE MATURATION PERIOD
6	9:50-10:00	Emilia MOISESCU, Florin STĂNICĂ	PRELIMINARY RESULTS REGARDING THE BEHAVIOR OF SOME FIG GENOTYPES IN BUCHAREST AREA CONDITIONS
7	10:00-10:10	Oana VENAT, Dorel HOZA, Adrian-George PETICILĂ, Ioana-Cătălina NICOLAE	SECONDARY METABOLITES AND HEALTH IMPORTANCE OF <i>PUNICA</i> <i>GRANATUM</i> . AN OVERVIEW

No	Time	Authors	Paper Title
8	10:10-10:20	Ana Cornelia BUTCARU, Ion CERTAN, Ioana Laura CĂTUNEANU, Florin STĂNICĂ, Liliana BĂDULESCU	A LITERATURE REVIEW OF LIFE CYCLE COST ANALYSIS TECHNIQUE APPLIED TO FRUIT PRODUCTION
9	10:20-10:30	Feodor FILIPOV, Elena-Liliana CHELARIU	HIGH HETEROGENEITY OF SOILS IN THE RESIDENTIAL AREA OF IASI
10	10:30-10:40	Nora Eugenia D. G. ANGHELESCU, Hajnalka KERTÉSZ, Lori-Mihaela BALOGH, Mihaela I. GEORGESCU, Sorina A. PETRA, Florin TOMA	SEXUAL DECEPTIVE MIMICRY IN GENUS <i>OPHRYS</i> L., 1753 WHY ARE OPHRYS ORCHIDS DRESSED AS BEES?
11	10:40-10:50	Elena Gabriela STAN, Florin STĂNICĂ, Lavinia Mihaela ILIESCU	KIWIFRUIT PROCESSING. A REVIEW
12	10:50–11:00	Valerian BĂLAN, Igor IVANOV, Vasilie ȘARBAN	THE IMPACT OF THE CROWN MANAGEMENT SYSTEM ON THE GROWTH AND FRUCTIFICATION OF CHERRY TREE VARIETIES IN A HIGH-DENSITY CULTIVATION SYSTEM

Online paper presentation 2

Time: 11:30 – 13:00

Session Moderators: *Assoc Prof. Dr. Adrian PETICILĂ*
Assist Prof. Dr. Cosmin MIHAI

No	Time	Authors	Paper Title
1	11:30-11:40	Lucian CIOACĂ, Florin STĂNICĂ	THE EVOLUTION OF THE ALMOND CROP TECHNOLOGY - A REVIEW
2	11:40-11:50	George Adrian COJOCARU, Arina Oana ANTOCE	MODULATION BY YEASTS OF AROMA PROFILE OF FETEASCA REGALA WINES PROTECTED WITH LOW CONCENTRATION OF SULPHUR DIOXIDE
3	11:50-12:00	Diana VÂȘCĂ-ZAMFIR, Mihai Cristian POMOHACI, Mihai GÎDEA	RESEARCHES REGARDING THE GERMINATION CONDITIONS FOR THE SEEDS OF SPECIES USED IN THE LAWN MIXTURES
4	12:00-12:10	Ana-Maria STOENESCU, Sina Niculina COSMULESCU	VARIABILITY OF SOME ROSA CANINA L. GENOTYPES FROM SOUTHERN AREA OF OLTENIA
5	12:10-12:20	Claudia FABIAN, Ecaterina Atena PROCA	THE USE OF WETLANDS AS SOCIO-EDUCATIONAL SPACES IN CHIAJNA COMMUNE, ILFOV COUNTRY
6	12:20-12:30	Ioan ZAGRAI, Luminița ZAGRAI, Georgeta GUZU, Claudiu MOLDOVAN, Smaranda ROȘU-MAREȘ, Anca ȘOFRON	VIRUS INFECTIONS IN NEW PLUM ORCHARDS FROM MOLDOVA, ROMANIA
7	12:30-12:40	Kingdow CHANACHOT, Wanphut SAECHUA, Panmanas SIRISOMBOON	GEOGRAPHICAL IDENTIFICATION OF DURIAN (CV. MONTHONG) FROM PRACHUAP KIRI KHAN AND CHONBURI PROVINCE BY USING NEAR INFRARED SPECTROSCOPY
8	12:40-12:50	Petya MALASHEVA	CHILLING AND HEAT REQUIREMENTS FOR CHERRY (<i>PRUNUS AVIUM</i> L.) AND PEACH (<i>PERSICA VULGARIS</i> MILL.) FRUIT TREES IN BULGARIA

No	Time	Authors	Paper Title
9	12:50-13:00	Andrei PETRE, Andreea STAN, Dan POPESCU, Mihai FRÎNCU, Violeta Alexandra ION, Roxana CICEOI, Adrian ASĂNICĂ	INFLUENCE OF PRE- AND POST- HARVEST CONDITIONS ON QUALITY INDICATORS AND MICROBIOTA OF ORGANIC ARONIA MELANOCARPA
	13:00-13:30	<i>Online Questions & Answers session</i>	

Online paper presentation 3

Time: 14:00 – 16:40

10	14:00-14:10	Daniela SCEDEL, Anișoara DUMA-COPCEA, Giancarla VELICEVICI, Carmen BEIŢAN, Sorin VĂTCĂ	RESEARCHES ON THE INFLUENCE OF STORAGE CONDITIONS ON BIOMETRIC AND PHYSIOLOGICAL INDICES OF PLUMS
11	14:10-14:20	Ananie PEŞTEANU, Dmirtii MIHOV, Sergiu PANUŢA, Alexei IVANOV	EVALUATION OF THE EFFECT OF BREVIS PRODUCT ON THE CHEMICAL THINNING OF FRUITS IN THE PINK LADY APPLE PLANTATION
12	14:20-14:30	Anamaria CĂLUGĂR, Dan CORBEAN, Nastasia POP, Anca Cristina BABEŞ, Maria ILIESCU, Iulia Cristina MUREŞAN, Claudiu Ioan BUNEA	THE ECONOMIC IMPACT OF SUBSTRATE MIXTURE ON THE PRODUCTION OF GRAFTED AND POTTED FETEASCĂ REGALĂ VINES
13	14:30-14:40	Gheorghe NICOLAESCU, Olga MOGILDEA, Svetlana COCIORVA, Andrei KIMAKOVSKI, Ana NICOLAESCU, Ana Maria NICOLAESCU, Cornelia VOINESCO	THE INFLUENCES DEGREE OF VARIOUS FACTORS ON THE DEVELOPMENT OF ENTERPRISES IN THE GRAPES AND WINE SECTOR
14	14:40-14:50	Mansoor Abed ABOOHANAH, Jamal Ahmed Abbass SALMAN, Laith Jaafar Hussein HNOOSH	EFFECT OF SPRAYING PUTRESCINE AND HUMIC ACID SPRAYING ON CHEMICAL PARAMETERS OF TOMATO PLANT <i>LYCOPERSICON ESCULENTUM</i>

No	Time	Authors	Paper Title
15	14:50-15:00	Mohamad Azam, Nasir ALI	ALLELOPPHATIC POTENTIAL OF LEEK ON GERMINATION OF DIFFERENT WINTER VEGETABLES
16	15:00-15:10	Ana-Maria-Roxana HANGAN, Alexandru COJOCARU, Gabriel-Ciprian TELIBAN, Vasile VÎNTU, Vasile STOLERU	URBAN AND PERI-URBAN VEGETABLE GARDENS COMPOSITION
17	15:10-15:20	Kateryna KYRYLCHUK, Victoria SKLIAR, Olena TYKHONOVA, Olexander KOBZHEV	VITALITY DYNAMICS OF POPULATIONS OF SOME LEGUME SPECIES IN FLOODPLAIN MEADOWS OF THE PSEL RIVER BASIN UNDER GRAZING AND HAYMAKING (UKRAINE)
18	15:20-15:30	Bulent AYHAN, Hasan Huseyin OZTURK, Hasan Kaan KUCUKERDEM	A RESEARCH ON GREENHOUSE HEATING WITH SOLAR ENERGY USING VACUUM TUBULAR COLLECTORS AND NANOFLUID
19	15:30-15:40	Kazım TURGUT, Hasan Huseyin OZTURK, Hasan Kaan KUCUKERDEM	ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS IN MECHANIZATION APPLICATIONS FOR TOMATO PRODUCTION
20	15:40-15:50	Viorel ILIE, Mircea MIHALACHE	RESEARCH REGARDING THE INFLUENCE OF VERMICOMPOST ON HORTICULTURAL PLANT SPECIES
21	15:50-16:00	Nela DRAGOMIR, Carmen Georgeta NICOLAE, Andreea STAN, Violeta Alexandra ION, Mihai FRÎNCU, Petre ANDREL, Liliana BĂDULESCU, Aurora DOBRIN	EVALUATION OF SENSORY PROPERTIES AND CONSUMER PERCEPTION OF BLENDED TEAS, OBTAINED FROM ORGANIC FREEZE DRIED FRUITS AND VEGETABLE
22	16:00-16:10	Cigdem GOZEL, Zeliha GOKBAYRAK	EFFECTS OF MELATONIN ON ROOT KNOT NEMATODE: <i>IN SITU</i> ESTIMATION OF PHYSIOLOGICAL RESPONSES IN TOMATO

No	Time	Authors	Paper Title
23	16:10-16:20	Mariia SHEPELIUK, Serhii KOVALEVSKYI, Oleh KYTAIEV, Oleksandr KYCHYLIUK, Valentyna ANDREIEVA	FROST RESISTANCE OF THE INTRODUCED SPECIES OF TREES IN THE URBANIZED ENVIRONMENT (LUTSK CITY, UKRAINE)
24	16:20-16:30	Tsveta HRISTEVA, Nikolay NIKOLOV, Violeta NIKOLOVA, Venelina POPOVA, Tanya IVANOVA, Vesselina MASHEVA	BIOLOGICAL ACTIVITY OF NATURAL AROMATIC PRODUCTS FROM THREE <i>NICOTIANA</i> SPECIES AGAINST BACTERIAL PHYTOPATHOGENS
25	16:30-16:40	Rodica VÂRBAN, Dan VÂRBAN, Ioana CRIȘAN	LEAF MICROMORPHOLOGY OF JUTE (<i>CORCHORUS OLITORIUS</i> L.) IN CONDITIONS FROM CLUJ COUNTY
14:00-16:00		"Resilience of the landscape - ecological restoration" - protection and improvement of natural systems integrated in the landscape - 8th edition, Faculty of Horticulture, online link: TBA	
15:00-17:00		"The role and importance of ICT in Agriculture initiatives", Faculty of Horticulture, online link: TBA	

**VIRTUAL POSTER DISPLAY
AND ONLINE DISCUSSION WITH AUTHORS
FRUIT GROWING**

*Session Moderators: Assoc Prof. Dr. Adrian PETICILĂ
Assist Prof. Dr. Cosmin MIHAI*

No	Authors	Paper Title
1.	Boryana STEFANOVA, Petko MINKOV, Georgi POPSKI	MONITORING OF <i>POLISTIGMA RUBRUM</i> , <i>TRANZSCHELIA PRUNI SPINOSE</i> , <i>STIGMINA</i> <i>CARPOPHILA</i> IN PLUM ROOTSTOCK- CULTIVAR COMBINATIONS FOR THE TROYAN REGION
2.	Neli KERANOVA, Argir ZHIVONDOV, Sashka SAVCHOVSKA	STUDY OF BLOSSOM FREEZING IN PEACHES BY MATHEMATICAL AND STATISTICAL METHODS
3.	Adrian CHIRA, Lenuța CHIRA, Ligia ION, Elena DELIAN, Alexandru Valentin GHIORGHIU	STUDIES REGARDING THE STORAGE CAPACITY AND THE DYNAMICS OF THE MAIN PHYSICAL-CHEMICAL CHARACTERISTICS OF SOME CHERRY FRUITS VARIETIES, UNDER DIFFERENT STORAGE PARAMETERS
4.	Petko MINKOV, Georgi POPSKI, Boryana STEFANOVA	BASIC PHYSICO-CHEMICAL PARAMETERS OF THE FRUITS OF SOME PLUMB CULTIVARS, RELATED TO THEIR SUITABILITY FOR FRESH CONSUMPTION AND PROCESSING
5.	Georgi POPSKI, Boryana STEFANOVA, Petko MINKOV	IMPACT OF SOIL MANAGEMENT SYSTEMS ON THE CHEMICAL COMPOSITION OF FRESH PLUM FRUIT OF 'KATINKA' CULTIVAR
6.	Doina CLAPA, Monica HÂRȚA	EFFECTS OF PEG 600 STRESS ON STRAWBERRY (<i>FRAGARIA X ANANASSA</i> <i>DUCH</i>) <i>IN VITRO</i> PROPAGATION
7.	Andi CIOBANU, Mirela PARASCHIVU	ROOT SYSTEM ARCHITECTURE IN VÂLCEAN VARIETY (<i>PRUNUS DOMESTICA</i> L.) DEPENDING ON ROOTSTOCKS AND TRUNK DISTANCE

No	Authors	Paper Title
8.	Mihaela CIUCU - PARASCHIV, Dorel HOZA	THE EFFECT OF FOLIAR APPLICATION WITH ORGANIC AND INORGANIC PRODUCTS ON THE BIOCHEMICAL QUALITY INDICATORS OF Highbush Blueberry (<i>Vaccinium corymbosum</i> L.)
9.	Silvia NICOLAE, Florin PLĂIAȘU	PROPAGATION BEHAVIOUR OF APRICOT VEGETATIVE ROOTSTOCK – BAROC
10.	Mona TUFARU, Dorel HOZA, Adrian CHIRA, Adrian PETICILĂ, Stelica CRISTEA, Ligia ION	RESEARCH ON THE BEHAVIOUR IN THE POLLINATION PROCESS OF SOME NATIVE APRICOT VARIETIES
11.	Mona TUFARU, Dorel HOZA, Lenuța CHIRA, Adrian PETICILĂ	RESEARCH ON BIOMETRIC STUDIES ON APRICOT HYBRID FRUITS
12.	Amalia Maria IONESCU, Constantina Lenuța CHIRA, Ligia ION	RESEARCH ON THE BEHAVIOUR IN THE CONTROLLED POLLINATION PROCESS OF SOME ABORIGINAL APPLE VARIETIES
13.	Mirela PARASCHIVU, Otilia COTUNA, Marius PARASCHIVU, Andi CIOBANU, Cătălin Viorel OLTENACU	INFECTION OF <i>ERWINIA AMYLOVORA</i> ON DIFFERENT APPLE VARIETIES AND THE IMPACT ON FRUITS QUALITY
14.	Alecsandru-Valentin GHIORGHIU, Constantina Lenuța CHIRA, Ligia ION	RESEARCH ON LIMITING THE MANIFESTATION OF FRUIT STORAGE DISEASES THROUGH THE USE OF TREATMENTS WITH BIOLOGICAL PRODUCTS
15.	Stanislava ATANASOVA, Maria GEORGIEVA, Diyani GEORGIEV, Evlogi MARKOV	CONTENT OF MINERAL ELEMENTS IN THE LEAVES OF 'WILLAMETTE' AND 'MEEKER' RASPBERRY CULTIVARS
16.	Galya DOBREVSKA, Ekaterina VALCHEVA, Rada POPOVA, Manol DALLEV	ECOLOGICAL ASSESSMENT OF SOIL IN A STOOLBED UNDER ALTERNATIVE GROWING CONDITIONS
17.	Smaranda Doina ROȘU MAREȘ	THE OUTBREAK OF <i>SPILONOTA OCEALLANA</i> F. (EYE-SPOTTED BUD MOTH) ON APPLE TREES IN BISTRIȚA REGION, IN 2020

No	Authors	Paper Title
18.	Diyan GEORGIEV, Maria GEORGIEVA	GROWTH AND FRUIT BEARING OF PRIMOCANE RASPBERRY CULTIVAR 'LYULIN' IN THE TROYAN REGION
19.	Maria GEORGIEVA, Diyan GEORGIEV	VEGETATIVE AND REPRODUCTIVE CHARACTERISTICS OF RASPBERRY CANDIDATE CULTIVAR 'TROYANSKI BISER'
20.	Marieta NESHEVA, Valentina BOZHKOVA	SPRING FROST DAMAGES OF PLUM AND APRICOT CULTIVARS GROWN IN THE REGION OF PLOVDIV, BULGARIA
21.	Alexandru MIHĂESCU, Florin BACIU, Lavinia ILIESCU, Adrian ASĂNICĂ, Florin STĂNICĂ	MORPHO-PRODUCTIVE CHARACTERISTICS OF "SWEET" SERIES CHERRY CULTIVARS GRAFTED ON TWO ROOSTOCKS
22.	Alexandru MIHĂESCU, Florin BACIU, Lavinia ILIESCU, Adrian ASĂNICĂ, Florin STĂNICĂ	FRUIT BIOCHEMICAL AND SENSORIAL ANALYSIS OF "SWEET" SERIES CHERRIES CULTIVARS GROWN IN BUCUREȘTI AREA
23.	Claudia NICOLA, Mihaela PARASCHIV, Monica Violeta RADU	THE INFLUENCE OF FERTILIZATION WITH COMPOST OBTAINED FROM URBAN SLUDGE ON THE NUTRITION OF JONATHAN APPLE TREES
24.	Denitsa HRISTOVA, Diyan GEORGIEV, Petya IVANOVA, Boryana STEFANOVA	ASSESSMENT OF THE IMPACT OF CONVENTIONAL AND ORGANIC FERTILIZATION ON THE DRYING PROCESS AND THE QUALITY CHARACTERISTICS OF 'STANLEY' PLUM FRUIT
25.	Ana Cornelia BUTCARU, Aurora DOBRIN, Mihaela Maria ZUGRAVU, Florin STĂNICĂ	NUTRIENTS AND CONTAMINANTS CONTENT IN THREE ORGANIC EDIBLE ROSES
26.	Valentin OPREA, Florin STĂNICĂ	NEW TYPE OF ANTIHAIL, ANTIRAIN AND ANTIFROST SYSTEM FOR PROTECTION OF ORCHARDS
27.	Hristo DZHUGALOV	PHENOLOGICAL TRAITS OF GOJI BERRY (<i>LYCIUM BARBARUM</i> L.), GROWTH AND REPRODUCTIVE CHARACTERISTICS OF SOME VARIETIES CONDUCTED AS A TREE

No	Authors	Paper Title
28.	Andrei TEODORU, Ioana FLORESCU, Alina Gabriela GEICU, Constantina CHIRECEANU	AUCHENORRHYNCHA FAUNA ASSOCIATED WITH ABANDONED APPLE AND PLUM ORCHARDS IN NORTHERN BUCHAREST IN 2020
29.	Olimpia Alina IORDĂNESCU, Carmen IUGA, Nicoleta HĂDĂRUGĂ, Alexandra BECHERESCU, Anca DRĂGUNESCU, Maria BĂLA, Daniela SCEDEI	RESEARCH ON FRUIT QUALITY OF SEVERAL APPLE CULTIVARS FROM DIFFERENT LOCATIONS IN THE AREA OF WESTERN ROMANIA
30.	Carmen BEINȘAN, Ștefania GÂDEA, Giancarla VELICEVICI, Daniela SCEDEI, Anamaria VÂTCĂ, Ancuța ROTARU, Valentina STOIAN, Melinda HORVAT, Sorin VÂTCĂ	STUDIES ON THE INFLUENCE OF QUALITY ON BIOMETRIC AND PHYSIOLOGICAL INDICES IN APPLES (<i>MALUS DOMESTICA</i> L.)
31.	Daniel JALOBĂ, Gheorghe PETRE, Stelica CRISTEA	GROWING OF APPLE GENOTYPES WITH GENETIC RESISTANCE TO DISEASES - AN EFFICIENT METHOD TO MITIGATE PESTICIDE POLLUTION IN THE VOINEȘTI APPLE GROWING AREA
32.	Ioana Laura CĂTUNEANU, Andreea STAN, Liliana BĂDULESCU, Dorel HOZA	INFLUENCE OF CONTROLLED ATMOSPHERE STORAGE ON QUINCE (<i>CYDONIA OBLONGA</i>) CULTIVARS QUALITY
33.	Oana HERA, Răzvan TEODORESCU, Monica STURZEANU	BLUEBERRY (<i>VACCINIUM CORYMBOSUM</i>) BREEDING PROGRAMME IN THE MAIN CULTIVATING COUNTRIES
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40.	Cosmin Alexandru MIHAI, Ana Cornelia BUTCARU, Florin STĂNICĂ, Lavinia Mihaela ILIESCU	GRAFTING METHODS FOR <i>DIOSPYROS VIRGINIANA</i> L. AND <i>DIOSPYROS KAKI</i> THUNB. HYBRIDS PROPAGATION
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43.	Alexandra Maria MARIN, Ana Cornelia BUTCARU, Beatrice Michaela IACOMI	PRELIMINARY RESEARCH ON THE LEAVES MICROBIOTA OF EDIBLE CLIMBING ROSE UNDER ORGANIC MANAGEMENT
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45.	Andreea STAN, Mihai FRÎNCU, Violeta Alexandra ION, Liliana BĂDULESCU	MODIFIED ATMOSPHERE INFLUENCE IN ORGANIC 'TITA' PLUMS QUALITY

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2.	Georgeta Mihaela BUCUR	RESEARCH ON SOME METHODS OF CANOPY MANAGEMENT TO MITIGATE THE EFFECTS OF CLIMATE WARMING AT GRAPEVINE
3.	Dorin Constantin COSTEA, Ramona CĂPRUCIU, Nicolae GIUGEA, Liviu Cristian MĂRĂCINEANU	THE INFLUENCE OF ECOCLIMATIC RESOURCES VARIATION OVER GRAPEVINE GROWTH AND FRUIT BEARING IN DEALU-RILE CRAIOVEI VITICULTURAL REGION
4.	Tomislav KARAŽIJA, Martina ŠTIMAC, Marko PETEK, Mihaela ŠATVAR, Boris LAZAREVIĆ	LONG-TERM EFFECTS OF ORGANIC FERTILIZERS ON MICROELEMENTS STATUS IN GRAPEVINE LEAF ON CALCAREOUS SOIL

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8.	Anelia POPOVA	INFLUENCE OF THE BIOCHEMICAL COMPOSITION OF VINE CANES COLD RESISTANCE OF BUDS IN DIFFERENT SYRAH CLONES
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1.	Nesho NESHEV	THE N, P AND K CONTENT IN PUMPKIN'S LEAVES IS INFLUENCED BY HERBICIDE STRESS AND BIOSTIMULANT APPLICATION
2.	Nikolay PANAYOTOV, Nadezhda PETKOVA, Alexander TRAYANOV	THE EFFECT OF DIFFERENT FERTILIZATION REGIMES AND RATES IN THE CARROT SEED PRODUCTION ON THEIR SOWING PARAMETERS AND CHEMICAL COMPOSITION OF THE SEEDS

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3.	Elena BARCANU, Ovidia AGAPIE, Ion GHERASE, Bianca TĂNASE, Geanina NEGOȘANU, Costel VÎNĂTORU	<i>TRICHOSANTHES CUCUMERINA</i> L. A NEW SPECIES ACCLIMATIZED AND BRED IN ROMANIA
4.	Costel VÎNĂTORU, Adrian PETICILĂ, Elena BARCANU, Bianca MUȘAT, Camelia BRATU, Bianca TĂNASE, Ovidia AGAPIE, Ion GHERASE, Geanina NEGOȘANU	THE MAIN RESULTS IN ACCLIMATIZATION AND BREEDING OF <i>BENINCASA HISPIDA</i>
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6.	Plamena YANKOVA, Hriska BOTEVA, Tsvetanka DINTCHEVA	TECHNOLOGICAL SOLUTIONS WITH BIOLOGICAL CULTIVATION OF GREEN BEANS AT FIELD CONDITIONS
7.	Dimka HAYTOVA, Nikolina SCHOPOVA	STUDY OF NEW VARIETIES OF PUMPKINS ON THE TYPE OF <i>CUCURBITA MAXIMA</i> L. IN THE CONDITIONS OF BULGARIA
8.	Dimka HAYTOVA, Nikolina SCHOPOVA	POSSIBILITIES FOR USING THE GRAFTING OF VEGETABLE CROPS TO INCREASE THEIR PRODUCTIVITY
9.	Tina Oana CRISTEA, Alin Gabriel IOSOB, Dan Ioan AVASILOAIEI, Alexandru BUTE	INDUCTION OF CALLUS AND PLANTLET FORMATION IN <i>BRASSICA OLERACEA</i> L. AS SOURCE OF SOMACLONAL VARIABILITY

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12.	Dan Ioan AVASILOAIEI, Mariana CALARA, Alin Gabriel IOSUB, Petre Marian BREZEANU, Creola BREZEANU, Tina Oana CIRSTEA	THE INFLUENCE OF NATURAL BIOSTIMULATORS ON SOME QUANTITATIVE AND QUALITATIVE ASPECTS OF A TOMATO CULTIVAR GROWN IN ECOLOGICAL CONDITIONS
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14.	Alecsandru-Valentin GHIORGHIU, Adrian CHIRA, George-Adrian PETICILĂ, Ligia ION	RESEARCH ON THE EVOLUTION OF NATURAL PREDATORS IN AN EGGPLANT CULTURE IN THE CONTEXT OF BIOLOGICAL CONTROL
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20.	Mohammed NAITHEL RADHI, Mohammed JASIM MOHAMMED	USING OF BIOHEALTH AS A BIOSTIMULANT AGAINST THE PATHOGEN <i>RHIZOCTONIA SOLANI</i> ON LETTUCE
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3.	Mirela Irina CORDEA, Rodica POP	<i>IPOMOEA PLATENSIS</i> – MULTIPLICATION OF A NEW ORNAMENTAL SPECIES IN ROMANIA
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5.	Claudia Daniela GRIGORAS, Florin TOMA	PHOTOPERIODISM, AN IMPORTANT ELEMENT FOR THE GROWTH AND FLOWERING OF <i>CHRYSANTHEMUMS</i>
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8.	Ana-Covilca MUNTEAN, Ioana GROZEA	ABUNDANCE OF INSECT SPECIES HARMFUL TO ORNAMENTAL PLANTS IN URBAN ECOSYSTEMS
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12.	Cristina ZLATI, Roxana PAȘCU	URBAN FARMING - OPPORTUNITY FOR FRUIT GROWING DEVELOPMENT IN ROMANIA
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1.	Cristian MĂRĂCINEANU, Nicolae GIUGEA, Ecaterina MĂRĂCINEANU, Ramona CĂPRUCIU	CLIMATE TRENDS IN OLTENIA. CASE STUDY: CRAIOVA-BANU MARACINE
2.	Dimitar KEHAYOV, Rada POPOVA, Ivan ZAHARIE	DETERMINATION OF AGRO-TECHNICAL INDICATORS IN SOIL TREATMENT IN ORCHARDS
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