



## Section 2

# **HORTICULTURE**

## SCIENTIFIC COMMITTEE OF THE SECTION 2 - HORTICULTURE

- Bekir Erol AK - University of Harran, Sanliurfa, Turkey
- 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
- Dorin CAMEN - University of Life Sciences "King Mihai I" from Timisoara, Romania
- Daniela CICHI - University of Craiova, Romania
- Mirela CORDEA - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Sina COSMULESCU - University of Craiova, Romania
- Miljan CVETKOVIC - University of Banja Luka, Bosnia and Herzegovina
- Elena DELIAN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Alin DOBREI - University of Life Sciences "King Mihai I" from Timisoara, Romania
- Elisabeta DOBRESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Lucia DRAGHIA – University of Life Sciences "Ion Ionescu de la Brad" of Iasi, 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 Timisoara, Romania
- Karsten KLOPP - Obstbauversuchsanstalt Jork, Germany
- Carmen MANOLE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Mekjell MELAND - Norwegian Institute of Agricultural and Environmental Research - Bioforsk, Norway
- Liu MENGJUN - Hebei Agricultural University, China
- Viorel MITRE - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Volkan OKATAN - Uşak University, Turkey
- Adrian PETICILĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Peter ROUSSOS - Agricultural University of Athens, Greece

- Silviero SANSAVINI - University of Bologna, Italy
- Alvaro STANDARDI - University of Perugia, Italy
- Radu SESTRĂȘ - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Florin STĂNICĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Dorin SUMEDREA - National Research and Development Institute for Biotechnology in Horticulture Stefanesti-Arges, Romania
- Pierre-Louis TEISSEDRÉ - Université de Bordeaux, France
- 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
- Dorel HOZA
- Liliana BĂDULESCU
- Elena DELIAN
- Florin TOMA
- Elisabeta DOBRESCU
- Lenuța CHIRA
- Cosmin Alexandru MIHAI
- Maria SPÎNU

## 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*

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**Venue:**

**University of Agronomic Sciences and Veterinary Medicine of Bucharest**  
**Faculty of Management and Rural Development**

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

## DAY 1 – THURSDAY, JUNE 8

### *Faculty of Management and Rural Development*

14:00-16:30	<i>Opening session and Papers Presentations</i>	<i>P-10 Room - Ground Floor</i>
16:30-17:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
17:00 -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 9

### *Faculty of Management and Rural Development*

08:00-09:00	<i>Arrival and registration of participants (Day 2); Poster display</i>	<i>Ground Floor, Main Hall</i>
09:00-11:00	<i>Papers presentation I</i>	<i>P-10 Room - Ground Floor</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>P-10 Room - Ground Floor</i>
13:30-14:30	<i>Lunch</i>	<i>Ground Floor, Main Hall</i>
14:30-16:30	<i>Papers Presentations III</i>	<i>P-10 Room - Ground Floor</i>
16:30-17:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
17:00-17:30	<i>Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
17:30-18:00	<i>Final Discussions and Conclusions</i>	<i>P-10 Room - Ground Floor</i>

### *Workshops within the conference*

<b>VENUE (UTC +3)</b>	<b>Activity</b>	<b>Organizer</b>
14:30 - 16:00 P20, ground floor	Professional Standards and Quality of Landscaping Education, 10 <sup>th</sup> edition – Resilience of the urban landscape	Faculty of Horticulture
16:00-18:00, Aula Petre S. Aurelian	Innovative management strategies for resilient organic strawberry and raspberry cropping systems	Research Center for the Study of the Quality of Food Products

THURSDAY, 8<sup>RD</sup> JUNE, 2023

## ORAL PAPER PRESENTATIONS

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

*Faculty of Management and Rural Development  
P-10 Room - Ground Floor*

No	Time	Authors	Paper Title
<i>Keynote Speaker</i>			
1	14:00	Miljan CVETKOVIĆ <i>Professor University of Banja Luka Faculty of Agriculture</i>	DIGITAL TECHNOLOGY INTEGRATION IN MODERN ORCHARDS - OPPORTUNITIES AND CHALLENGES
2	14:20	Nora E. ANGHELESCU <i>Biologist, Faculty of Horticulture, University of Agronomic Sciences and Veterinary Medicine of Bucharest</i>	<i>EPIPACTIS BUCEGENSIS</i> - A SEPARATE AUTOGAMOUS SPECIES WITHIN THE <i>E. HELLEBORINE</i> ALLIANCE

No	Time	Authors	Paper Title
<i>Speakers</i>			
3	14:40	Zheng WANG, Ying LIANG, Xiao YANG, Qichang YANG	THE INTERACTION BETWEEN NITROGEN SUPPLY AND LIGHT QUALITY ON GROWTH, RESOURCE ALLOCATION AND METABOLIC PROCESSES IN LETTUCE ( <i>LACTUCA SATIVA</i> L.)
4	14:50	Rivoningo UBISI, Thapelo SELEKANE, Thobile MKHWANAZI, Moses NTIMANE, Nicholus MNYAMBO, Mmagadima SEBATI, Zakheleni DUBE	CHARACTERISING SEED DORMANCY MECHANISM IN CORCHORUS OLITORIUS (JEW'S MALLOW) VARIETIES
5	15:00	Ana Cornelia BUTCARU, Alexandru BUCUR, Imad Jabbar Wadi AL SUWAID, Cosmin Alexandru MIHAI, Adrian Constantin ASĂNICĂ, Florin STĂNICĂ	CHILLING AND HEAT REQUIREMENTS OF TEMPERATE STONE FRUIT TREES (PEACH, NECTARINE, AND APRICOT) (REVIEW)
6	15:10	Xiao YANG, Li ZHANG, Jie PENG, Tao HUANG, Jiangtao HU, Qichang YANG, Zheng WANG	PLANT FACTORY TECHNOLOGY LIGHTS UP URBAN HORTICULTURE IN THE POST-CORONAVIRUS WORLD
7	15:20	Liana-Maria ROPAN, Raluca-Iuliana TRUȘCĂ (POPESCU), Alina-Mariana ȘIMON, Nicolae GIUGEA, Claudia-Adriana HORȘIA	GLOBAL RADIATION AND ITS IMPORTANCE FOR WHITE (YOUNG) WINE QUALITY IN THE JIDVEI WINE-GROWING CENTER
8	15:30	Yuxin TONG	SPECTRAL MANIPULATIONS TO CONTROL GROWTH AND QUALITY OF LETTUCE AND OTHER LEAFY GREENS IN VERTICAL FARMS
9	15:40	Svetlana ANISIMOVA	ANALYSIS OF THE DENDROFLORISTIC COMPOSITION OF URBAN STREET TREE PLANTINGS IN SOFIA

No	Time	Authors	Paper Title
10	15:50	Fang WANG, Qihong LIAO, Qingming LI, Qichang YANG	EFFECTS OF DIFFERENT SUPPLEMENTAL LIGHTING DIRECTIONS AND INTENSITIES ON LEAF PHOTOSYNTHETIC CHARACTERISTICS AND FRUIT YIELD OF STRAWBERRY ( <i>FRAGARIA</i> × <i>ANANASSA</i> )
11	16:00	Mihaela Ioana GEORGESCU, Vasilica LUCHIAN	INVASIVE ALIEN PLANTS IN GRASSLANDS FROM THE LAND OF FĂGĂRAȘ
12	16:10	Wang SHEN	APPLICATION AND RESEARCH OF BREEDING ACCELERATOR
13	16:20	Hrameche OUMAIMA, George KOUBOURIS, Gkisakis VASILEIOS, Livieratos GIANNIS	IMPACT OF OLIVE GROVE AGROECOLOGICAL PRACTICES ON CLIMATE CHANGE MITIGATION-RELATED INDICATORS
	16:30- 17:00	<i>Coffee break</i>	<b><i>Ground Floor, Main Hall</i></b>
	17:00 17:30	<i>Posters display and viewing</i>	<b><i>Ground Floor, Main Hall</i></b>
	19:00 21:30	<i>Official Gala Dinner Cultural Event</i>	<i>CERES Restaurant, USAMV Campus</i>



FRIDAY, 9<sup>RD</sup> JUNE, 2023

## ORAL PAPER PRESENTATIONS

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

*Faculty of Management and Rural Development  
P-10 Room - Ground Floor*

No	Time	Authors	Paper Title
1	09:00	Mihaela BĂLUȚĂ, Florin STĂNICĂ	THE ALMOND, PRESENT AND PERSPECTIVE IN ROMANIA - A REVIEW -
2	09:10	Mariana GODOROJA, Gheorghe NICOLAESCU, Cornelia VOINESCO, Valeria PROCOPENCO, Olga MOGILDEA, Ion DOSCA, Dumitru VARTIC, Ina GRIZA	CLIMATIC CONDITIONS - IMPORTANT FACTOR OF THE GRAPES AND WINE TERROIR
3	09:20	Nora E. ANGHELESCU, Nicoleta KIGYOSSY, Lori BALOGH, Mihaela BALOGH, Mihaela I. GEORGESCU, Sorina A. PETRA, Florin Toma, Adrian G. PETICILĂ	ORCHIS × LOREZIANA NOTHOSUBSP. KISSLINGII (BECK) POTUCEK – A NEW ORCHID HYBRID TO ROMANIAN FLORA
4	09:30	Rumen TOMOV, Boryana PLASHKOVA	ALIEN ECONOMICALLY IMPORTANT INSECT CROP PESTS IN BULGARIA – KNOWLEDGE GAP ANALYSIS
5	09:40	Oana HERA, Monica STURZEANU, Loredana VIJAN, Răzvan TEODORESCU	ASSESSMENT OF FRUIT QUALITY AND BIOCHEMICAL COMPOUNDS OF SOME BLUEBERRY HYBRIDS

No	Time	Authors	Paper Title
6	09:50	Olga MOGÎLDEA, Gheorghe NICOLAESCU, Svetlana COCIOROVA, Mariana GODORAJA, Valeria PROCOPENCO, Cornelia VOINESCO	THE TABLE GRAPES AND WINE SECTOR OF THE REPUBLIC OF MOLDOVA - ACHIEVEMENTS AND PERSPECTIVES
7	10:00	Ana-Maria-Roxana HANGAN, Mirela COJOCARIU, Codrina GRECU, Vasile STOLERU	LANDSCAPE DESIGN PROCESS OF A PRIVATE EVENTS VENUE GARDEN IN IASI COUNTY, ROMANIA
8	10:10	Larisa Theodora TILINCA, Florin STĂNICĂ	BREEDING OF KIWIFRUIT SPECIES ( <i>ACTINIDIA</i> SP.) – A REVIEW
9	10:20	Simona BĂLAN-IONESCU (POPESCU), Florin TOMA	IMPACT OF PERENNIAL FLOWER PLANTS USED IN LANDSCAPES IN BUCHAREST
10	10:30	Daniel RĂDUȚOIU, Laurențiu BĂLONIU, Ion STAN	NATURA 2000 HABITATS FROM OLTENIA AFFECTED BY INVASIVE AND POTENTIALLY INVASIVE SPECIES (I)
11	10:40	Sorin MACOVICIUC	ANTHOCYANINS LEVELS MODIFICATION ON WINES WITHOUT SULFUR DIOXIDE. NEW PERSPECTIVE
12	10:50	Mihaela Ioana GEORGESCU, Aurora DOBRIN	THE POLLEN MORPHOLOGY OF DIFFERENT <i>IRIS</i> L. SPECIES FROM ROMANIA
	11:00- 11:30	<i>Coffee break; Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
13	11:30	Mihaela BĂLUȚĂ, Florin STĂNICĂ	CONVERSION OF A VASE CANOPY INTO A PLANAR PARALLEL U, IN AN ALMOND ORCHARD – PRELIMINARY RESULTS

No	Time	Authors	Paper Title
14	11:40	Alexandru MEXI	INDIGENOUS AND EXOTIC PLANTS IN EARLY MODERN ROMANIAN PUBLIC PARKS. ORNAMENTAL VERSUS UTILITARIAN
15	11:50	Cătălina NICOLAE, Oana VENAT, Adrian PETICILA, Dorel HOZA	CONSERVATION OF PLANT GERMPLASM USING SYNTHETIC SEED TECHNOLOGY – REVIEW
16	12:00	Cristina Electra MACNEA, Violeta Alexandra ION, Dan POPESCU, Adrian ASĂNICĂ	EVALUATION OF THE ORGANOLEPTIC CHARACTERISTICS AND NUTRIENTS OF AROMATIC/MEDICINAL PLANTS FROM URBAN HORTICULTURE
17	12:10	Mădălina TRUȘCĂ, Ștefania GÂDEA, Anamaria VÂTCĂ, Valentina STOIAN, Sorin VÂTCĂ	CHLOROPHYLL CONTENT AND STOMATA MORPHOMETRIC FEATURES OF <i>ANETHUM GRAVEOLENS</i> L. IN A CONTROLLED EXPERIMENT WITH DIFFERENT SALINE LEVELS
18	12:20	Alexandru BUCUR, Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Florin STĂNICĂ	PEACH AND NECTARINE FRUIT CHARACTERIZATION FOR SEVERAL NEW CULTIVARS GROWN IN BUCHAREST AREA
19	12:30	Claudia-Loredana DRAGOMIR, Gheorghîța HOZA, Alexandra BECHERESCU, Liliana BĂDULESCU, Ioana CĂTUNEANU, Aurora DOBRIN, Carmen CONSTANTIN, Dorel HOZA	PRELIMINARY DATA REGARDING THE APPLICATION OF <i>BACILLUS</i> SPP. IN THE CULTURE TECHNOLOGY OF PROTECTED TOMATOES IN ORDER TO INCREASE PRODUCTIVITY IN THE BUCHAREST AREA
20	12:40	Samin SEDDIGH, Mojdeh MALEKI, Zohreh MALEKNIA	EVALUATION OF THE CONTROL OF CUCUMBER POWDERY MILDEW USING DIFFERENT TYPES OF COMPOST TEA

No	Time	Authors	Paper Title
21	12:50	Patricia Maria POPA, Sina Niculina COSMULESCU, Maria DINU	ANALYSIS OF THE DIVERSITY OF GARLIC ( <i>ALLIUM SATIVUM</i> L.) GENOTYPES FROM THE SOUTHWESTERN PART OF ROMANIA BASED ON MORPHOLOGICAL CHARACTERISTICS
22	13:00	Marian BUTU, Steliana RODINO, Alina BUTU, Gheorghe PETRE	PROTECTIVE ACTION OF FILMS OBTAINED FROM BIOPOLYMERS WITH THE ADDITION OF PLANT BASED EXTRACTS
23	13:10	Gheorghe NICOLAESCU, Olga MOGÎLDEA, Cornelia VOINESCO, Mariana GODOROJA, Gheorghe MATCU, Dumitru VARTIC, Andrei KIMAKOVSKI	HARVEST AND QUALITY OF GRAPES OF DIFFERENT CLONES OF THE CABERNET SAUVIGNON VARIETY IN THE CODRU WINE-GROWING REGION OF THE REPUBLIC OF MOLDOVA
24	13:20	Daniel RĂDUȚOIU, Culiță SÎRBU, Adrian OPREA	POLYCARPON TETRAPHYLLUM IN ROMANIAN FLORA
25	13:30	Ailin MOLOȘAG, Violeta Alexandra ION, Oana Cristina PÂRVULESCU, Aurora DOBRIN, Oana Crina BUJOR, Mihai FRÎNCU, Andrei PETRE, Liliana BĂDULESCU, Viorica LAGUNOVSKI- LUCHIAN	PRELIMINARY RESULTS OF FERTILIZERS DERIVED FROM AQUACULTURE EFFECT ON LETTUCE
	13:30- 14:30	<i>Lunch</i>	<i>Ground Floor, Main Hall</i>
26	14:30	Mmagadima SEBATI, Thobile MKHWANAZI, Zakheleni DUBE, Moses TIMANA, Rivoningo UBISI, Nicholus MNYAMBO	<i>MAERUA ANGOLENSIS</i> LEAF EXTRACT EFFECTS ON POPULATION DENSITIES ON MELOIDOGYNE INCOGNITA AND YIELD OF <i>CORCHORUS OLITORIUS</i> UNDER MICROPLOT CONDITIONS

No	Time	Authors	Paper Title
27	14:40	Mmagadima SEBATI, Thobile MKHWANAZI, Zakheleni DUBE, Moses TIMANA, Rivoningo UBISI, Nicholus MNYAMBO	INDIGENOUS AFRICAN VEGETABLE ( <i>CORCHORUS OLITORIUS</i> L.) SCREENING AGAINST MELOIDOGYNE INCOGNITA
28	14:50	Moses TIMANA, Nicholus MNYAMBO, Zakheleni DUBE, Mmagadima SEBATI, Rivoningo UBISI, Thobile Perseverance MKHWANAZ	HOST-STATUS AND HOST- SENSITIVITY OF LOCAL <i>M. ESCULENTA</i> VARIETIES TO <i>M. INCOGNITA</i> UNDER GREENHOUSE CONDITIONS
29	15:00	Zhelyu AVRAMOV, Aneta LYUBENOVA, Kaloyan KOSTOV, Lilyana KOLEVA, Slavtcho SLAVOV	CANES WILTING WITH COLLAR AND ROOT ROT OF RASPBERRY CAUSED BY <i>PHYTOPHTHORA PSEUDOCRYPTOGEA</i> IN BULGARIA
30	15:10	Ionica DINA, Sergiu-Ayar ENE, Victoria ARTEM, Aurora RANCA, Mihaela HNATIUC	THE INFLUENCE OF THE CLIMATE ON THE EVOLUTION OF DISEASES IN THE SAUVIGNON BLANC VARIETY IN THE CONDITIONS OF THE YEARS 2021- 2022 IN MURFATLAR
31	15:20	Ion BOȘTINARU, Sergiu-Ștefan GORJAN, Anca BECZE, Iulia TOROK	MODERN AND CURRENT CHEMICAL ANALYZES OF WINES FROM LOCAL AND AUTOCHTHONOUS QUALITY GRAPECULTIVARS IN THE AMPELOGRAPHIC COLLECTION OF SCDVV DRĂGĂȘANI
32	15:30	Vedat PİRİNÇ, Erhan AKALP	APPLICATIONS OF SALICYLIC ACID ON SEEDS AND SEEDLINGS OF PEPPERS UNDER SALINITY CONDITIONS
33	15:40	Mansoor Abed ABOOHANAH, Jamal Ahmed Abbass SALMAN, Laith Jaafar Hussein HNOOSH	EFFECT OF SPRAYING HORNWORT AND BORON ON CHEMICAL PARAMETERS OF POTATA PLANT

No	Time	Authors	Paper Title
34	15:50	Gülbanu KİYMACI, Önder TÜRKMEN,	DESCRIPTION OF THE MORPHOLOGICAL CHARACTERISTICS OF SOME TOMATO GENOTYPES
35	16:00	Anton SLAVOV, Mariyana TOPUZOVA, Gergana MAROVSKA	BY-PRODUCTS FROM THE ESSENTIAL OIL INDUSTRY – VALORIZATION AND RECYCLING. PRACTICAL APPLICATION – ADSORPTION OF TEXTILE INDUSTRY DYES
36	16:10	Ali Fuat TARI	DETERMINATION OF THE APPROPRIATE IRRIGATION PROGRAM FOR WATERMELON GROWN BY DRIP IRRIGATION METHOD IN ARID CONDITIONS
	16:30-17:00	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
	17:00-17:30	<i>Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
	17:30-18:00	<i>Final Discussions and Conclusions</i>	<i>P-10 Room - Ground Floor</i>

### *Workshops within the conference*

VENUE (UTC +3)	Activity	Organizer
14:30 - 16:00 P20, ground floor	Professional Standards and Quality of Landscaping Education, 10 <sup>th</sup> edition – Resilience of the urban landscape	Faculty of Horticulture
16:00-18:00, Aula Petre S. Aurelian	Innovative management strategies for resilient organic strawberry and raspberry cropping systems	Research Center for the Study of the Quality of Food Products

# POSTER SESSION

## FRUIT GROWING

*Ground Floor, Main Hall*

No	Authors	Paper Title
1	Bilal ACAR, Nasuh AçıK, Gülsüm DERELI	EVOLUTION OF DRIP IRRIGATION SYSTEMS USING AT CHERRY PLANT IRRIGATION IN KONYA-AKŞEHİR AND AFYON- SULTANDAĞI PROVINCES, TÜRKİYE
2	Diyana ALEKSANDROVA, Marieta NESHEVA, Nataliya DIMITROVA	2REACTION OF PLUM CULTIVARS AND ROOTSTOCKS TO BACTERIAL BLIGHT ( <i>PSEUDOMONAS</i> SP.)
3	Zhelyu AVRAMOV, Aneta LYUBENOVA, Kaloyan KOSTOV, Lilyana KOLEVA, Slavtcho SLAVOV	CANES WILTING WITH COLLAR AND ROOT ROT OF RASPBERRY CAUSED BY PHYTOPHTHORA PSEUDOCRYPTOGEA IN BULGARIA
4	Valerian BALAN, Vasile SARBAN, Igor IVANOV, Sergiu VAMASESCU, Corneliu BUZA, Dumitru TALPALARU	CROWN SHAPING AND PRUNING OF SWEET CHERRY TREES WHICH OPTIMIZE THE RATIO BETWEEN GROWTH AND FRUCTIFICATION
5	Inna BILICI	THE LIGHT REGIME AND THE STRUCTURE OF THE CROWN OF THE GOLDEN DELICIOUS REINDERS AND RED VELOX APPLE TREE VARIETIES
6	Diana Elena BOLOHAN, Mariana VOLF, ElenaLiliana CHELARIU, Lucian RĂUS	APPLE TREES FERTILIZATION AND ITS INFLUENCE ON THE POTASSIUM CONTENT IN SOIL AND PLANTS IN CORRELATION WITH CALCIUM AND MAGNESIUM ABSORTION

No	Authors	Paper Title
7	Roxana BRANDUȘ, Andreea CHITIMIA, Bianca MÂNDREANU, Sorin Gabriel DINU, Alberto CIOBANU, Florin STĂNICĂ, Adrian ASĂNICĂ, Ana Cornelia BUTCARU, Liliana TUDOREANU	TEXTURAL CHARACTERIZATION OF SOME NEW APPLE HYBRIDS TESTED IN THE EXPERIMENTAL ORCHARD OF USAMV OF BUCHAREST
8	Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Adrian Constantin ASĂNICĂ, Florin STĂNICĂ	METHODS OF EVALUATING THE CHILLING AND HEAT REQUIREMENTS OF APPLE AND PEAR TREES (REVIEW)
9	Ana Cornelia BUTCARU, Andrei Florin TABACU, Rareș Cosmin PANDARU, Cosmin Alexandru MIHAI, Adrian Constantin ASĂNICĂ, Florin STĂNICĂ	EVALUATION OF CHILLING AND HEAT REQUIREMENTS OF PAW-PAW (ASIMINA TRILOBA L. DUNAL) AND JUJUBE ( <i>ZIZIPHUS JUJUBA</i> MILL.) (REVIEW)
10	Ana Cornelia BUTCARU, Doru Ionel DUMITRAȘCU, Cosmin Alexandru MIHAI, Florin STĂNICĂ, Adrian Constantin ASĂNICĂ, Florin STĂNICĂ	A DIGITAL SYSTEM TO MONITOR THE CANOPY IN SOME APPLE AND QUINCE CULTIVARS
11	Oleg CALESTRU	PRODUCTIVITY OF THE IDARED APPLE VARIETY DEPENDING ON THE CROP LOAD AT THE FRUIT THINNING
12	Simona Mihaela CHELARU, Cristina Ionela TURCU, Andreea Mihaela FLOREA, Eugen ULEA, Ionel PERJU, Simona-Mihaela CHELARU	RESEARCH ON THE MONITORING THE ATTACK OF COCCOMYCES HIEMALIS SIN. BLUMERIA JAAPI IN SOME VARIETIES OF CHERRY
13	Anca Maria CHIOREAN, Zsolt JAKAB- ILYEFALVII, Smaranda ROȘU- MAREȘ	RESPONSE OF SOME APPLE CULTIVARS TO PROHEXADION-CA COMBINED WITH DIFFERENT FERTILIZATION METHODS IN A SUPERINTENSIVE APPLE ORCHARD
14	Mihai CHIVU, Adrian ASĂNICĂ	SWEET CHERRY FRUIT CRACKING – A CHRONIC PROBLEM IN THE ERA OF CLIMATE CHANGE



No	Authors	Paper Title
15	Mihai CICHI, Dorina BONEA	THE INFLUENCE OF THE TYPE OF CUTTING IN THE RASPBERRY SPECIES ON THE QUALITY OF THE PRODUCTION OBTAINED
16	Mihaela CIUCU PARASCHIV, Claudia NICOLA, Dorel HOZA	EFFECT OF ORGANIC FOLIAR FERTILIZERS ON YIELD AND FRUIT QUALITY OF SEVEN HIGHBUSH BLUEBERRY ( <i>VACCINIUM CORYMBOSUM</i> L.) CULTIVARS
17	Dragomir DAMIAN, Florin STĂNICĂ	STUDY REGARDING THE BEHAVIOR OF THREE CHOKEBERRY CULTIVARS ( <i>ARONIA MELANOCARPA</i> ) CULTIVATED IN ORGANIC SYSTEM
18	Ionuț DASCĂLU, Olimpia Alina IORDĂNESCU, Adina BERBECEA, Alexandra BECHERESCU, Isidora RADULOV	THE EFFECT OF SOME FOLIAR FERTILIZERS ON THE BIOMETRIC CHARACTERISTICS OF THE FRUITS OF PEACH VARIETIES ( <i>P. VULGARIS</i> L.) GROWN IN THE PEDOCLIMATIC CONDITIONS OF LUGOJ, TIMIȘ COUNTY
19	Sorin Gabriel DINU, Roxana BRÂNDUȘ, Andreea CHIȚIMIA, Bianca MÂNDREANU, Alberto CIOBANU, Florin STĂNICĂ, Adrian ASĂNICĂ, Ana BUTCARU, Liliana TUDOREANU	TEXTURAL CHARACTERIZATION OF SOME PEAR CULTIVARS CULTIVATED IN THE EXPERIMENTAL ORCHARD OF USAMV FROM BUCHAREST
20	Galya DOBREVSKA, Vera STEFANOVA, Manol DALLEV	REPRODUCTIVE MANIFESTATIONS OF FLORINA APPLES BY CONVENTIONAL FARMING
21	Florentina DOBRINESCU, Lenuța Constantina CHIRA, Daniel NAGY, Ligia ION	THE CONTROLLED POLLINATION BEHAVIOR OF SOME INDIGENOUS VARIETIES OF CHERRY IN THE CONDITIONS S.C.D.P. BĂNEASA BUCHAREST
22	Ana Maria DODOCIOIU, Gilda-Diana BUZATU	THE EFFECT OF FERTILIZERS ON THE QUALITY OF APPLE FRUITS
23	Mihaela DOGARU, Damian DRAGOMIR, Maria Marinela DRAGNEA, Mihaela POSTOLICI URSACHI	STUDY REGARDING THE BEHAVIOR OF SOME BLACKBERRIES GENOTYPES IN MOARA DOMNEASCĂ (ILFOV COUNTY) AREA CONDITIONS

No	Authors	Paper Title
24	Diyan GEORGIEV, Maria GEORGIEVA, Denitsa HRISTOVA	DEPENDENCIES BETWEEN VEGETATIVE AND REPRODUCTIVE PERFORMANCES IN 'SHOPSKA ALENA' RASPBERRY CULTIVAR
25	Maria GEORGIEVA, Diyan GEORGIEV, Denitsa HRISTOVA	CORRELATIONAL INTERCONNECTIONS BETWEEN VEGETATIVE AND REPRODUCTIVE PERFORMANCES IN RASPBERRY CULTIVAR 'TULAMEEN'
26	Veska GEORGIEVA, Petya MALASHEVA, Valentin KAZANDZHIEV	DETERMINATION OF THE HEAT REQUIREMENTS DURING THE ECODORMANCY FOR THE CHERRY ( <i>PRUNUS AVIUM</i> ) IN BULGARIA
27	Nicolae GHEORGHIU, Ana-Maria STOENESCU, Sina Niculina COSMULESCU	EVALUATION OF SOME SWEET CHERRY CULTIVARS GRAFTED ON 'GISELA 6' ROOTSTOCK
28	Theodora HRIBAN, Florin STĂNICĂ	IN VITRO CULTURE OF FIG ( <i>FICUS CARICA</i> L.) – A REVIEW
29	Theodora HRIBAN, Florin STĂNICĂ	IN VITRO CULTURE OF KIWIFRUIT SPECIES ( <i>ACTINIDIA</i> SP.) – A REVIEW
30	Denitsa HRISTOVA, Diyan GEORGIEV, Maria GEORGIEVA	VEGETATIVE AND REPRODUCTIVE CHARACTERISTICS OF BLACKCURRANT CULTIVARS AFTER CONVENTIONAL AND ORGANIC FERTILIZATION
31	Imad Jabbar Wadi IMAD AL SUWAID, Florin STĂNICĂ, Ana Cornelia BUTCARU	THE INFLUENCE OF DIFFERENT ROOTSTOCKS AND PLANTING SYSTEMS ON SEVERAL APRICOTS CULTIVARS' GROWTH IN THE BUCHAREST AREA
32	Imad Jabbar Wadi IMAD AL SUWAID, Florin STĂNICĂ, Ana Cornelia BUTCARU	THE STUDY OF DIFFERENT ROOTSTOCK AND VARIOUS CROWN SHAPES ON SEVERAL VARIETIES OF APRICOTS IN BUCHAREST
33	Mihaela IORDĂCHESCU, Cristina IONESCU, Cosmin Alexandru MIHAI, Adrian Constantin ASĂNICĂ	GENETIC VARIATION STUDY OF SEVERAL ROMANIAN BLUEBERRY ( <i>VACCINIUM CORYMBOSUM</i> L.) CULTIVARS USING RAPD MOLECULAR MARKERS

No	Authors	Paper Title
34	Elena IUREA, Sorina ȘÎRBU, Iulia MINEAȚĂ, Iuliana Elena GOLACHE, Mădălina GHERGHEL, Margareta CORNEANU	RESEARCH ON RESISTANCE OF SOUR CHERRY CULTIVARS IN DROUGHT CONDITIONS IN THE NORTHEASTERN AREA OF ROMANIA
35	Zsolt JAKAB-ILYEFALVI, Larisa-Daniela VLASIN, Anca-Maria CHIOREAN, Smaranda ROȘU-MAREȘ	EARLY VEGETATIVE AND GENERATIVE DEVELOPMENT CHARACTERISTICS OF WILTON'S RED JONAPRINCE® SELECT ECO AND GOLDEN DELICIOUS REINDERS® APPLE CULTIVARS ON B9 AND M9 DWARF ROOTSTOCKS IN IRRIGATED MOLIC EUTRICAMBOSOIL IN NORTHERN TRANSYLVANIA, ROMANIA
36	Daniel JALOBA, Andrei CHIRILOAIE-PALADE, Cristina Maria LUMÎNARE, Valentin-Marius CIONTU	RESEARCH REGARDING INTEGRATED PEST MANAGEMENT STRATEGIES IN SWEET CHERRY ORCHARDS IN SOUTH-EAST ROMANIA
37	Neli KERANOVA	STUDY OF THE PRODUCTION OF SOME STONE FRUITS IN THE COUNTRIES ON THE BALKAN PENINSULA THROUGH MATHEMATICAL APPROACHES
38	Eugenia MARESI (GHERGHINA), Madalina MILITARU, Dorel HOZA	EVALUATION OF PEAR AUTOCHTONOUS GENETIC RESOURCES REGARDING BEHAVIOUR TO MAIN DISEASES AND PESTS UNDER FIELD CONDITIONS
39	Teodora MIHOVA, Petko MINKOV, Georgi POPSKI, Boryana STEFANOVA, Silvena TODOROVA	PERSPECTIVE GENOTYPES FROM <i>CHAENOMELES</i> SP. LINDL FOR FRUIT PRODUCTION
40	Iulia MINEAȚĂ, Iuliana Elena GOLACHE, Sorina ȘÎRBU, Cristina SLABU, Ionel PERJU, Ștefanica OSTACI, Carmenica-Doina JIȚĂREANU	STUDY OF THE WATER REGIME IN SOME SWEET CHERRY CULTIVARS UNDER NORTH – EAST ROMANIAN CONDITIONS
41	Petko MINKOV, Teodora MIHOVA, Silvena TODOROVA, Georgi POPSKI, Boryana STEFANOVA	HEIRLOOM VALUABLE LOCAL CULTIVARS THREATENED WITH EXTINCTION IN THE CENTRAL BALKAN MOUNTAIN REGION IN BULGARIA

No	Authors	Paper Title
42	Cristina MOALE, Leinar SEPTAR, Corina GAVĂT, Alexandru OPRIȚĂ, Ion CAPLAN, Gheorghe LĂMUREANU	THE EFFECT OF CLIMATIC ACCIDENTS ON PEACHES ÎN R.S.F.G. CONSTANȚA
43	Andreea MOGA	EVALUATION IN THE ORCHARD OF SOME CULTIVAR-ROOTSTOCK ASSOCIATIONS IN THE CHERRY SPECIES IN THE SECOND YEAR AFTER PLANTING
44	Andrei MOȚ, Mihai FRÎNCU, Ioan VLAD, Elena Ștefania IVAN, Oana-Crina BUJOR, Bogdan MIHALCEA, Maria-Mihaela ZUGRAVU, Liliana Aurelia BĂDULESCU, Roxana CICEOI	INFLUENCE OF INTERCROPPING ON PHYSICO-CHEMICAL AND BIOLOGICAL SOIL PROPERTIES IN ORGANIC STRAWBERRY CROP
45	Valentin Ion PĂUN, Dorin Ioan SUMEDREA, Florin STANICĂ, Adrian ASĂNICĂ	REGENERATIVE AGRICULTURE IN FRUIT STONES AS AN ALTERNATIVE SOLUTIONS FOR RESILIENT ORCHARDS
46	Peșteanu ANANIE, Cumpănici ANDREI, Gudumac EUGENIU, Lozan ANDREI	THE INFLUENCE OF GROWTH REGULATORS ON THE ACHIEVING OF HIGH PRODUCTIONS FROM THE KORDIA CHERRY VARIETY ON THE MAXMA 14 ROOTSTOCK
47	Mariana PETKOVA	ANTIMICROBIAL ACTIVITY OF LACTOBACILLUS BREVIS STRAINS AGAINST FRUIT ROT DISEASES CAUSED BY RHIZOPUS STOLONIFER ON STRAWBERRY
48	Andrei PETRE, Mihai FRÎNCU, Andreea BARBU (STAN), Andrei LESNIC, Liliana BĂDULESCU, Adrian Constantin ASĂNICĂ	QUALITY ASSESMENT OF ORGANIC 'PLAPINK' RASPBERRY FRUITS UNDER DIFFERENT STORAGE CONDITIONS
49	Gabriela POPA, Silvana DĂNĂILĂ-GUIDEA, Ecaterina DAMIAN, Gabriela MĂRGĂRIT, Diana GROPOȘILĂ- CONSTANTINESCU	EVALUATION OF BIOACTIVE COMPOUNDS WITH ANTIOXIDANT ACTIVITY OF <i>HELICHRYSUM ARENARIUM</i> (L.) MOENCH INFLORESCENCES EXTRACTS

No	Authors	Paper Title
50	Gabriela POPA, Damian DRAGOMIR, Mihaela DOGARU, Aurora DOBRIN	CONTENT OF BIOACTIVE COMPOUNDS AND ANTIOXIDANT ACTIVITY IN CHOKEBERRIES JUICE ( <i>ARONIA MELANOCARPA</i> )
51	Dan POPESCU, Cosmin Alexandru MIHAI, Ana Cornelia BUTCARU, Mihaela IORDĂCHESCU, Adrian Constantin ASĂNICĂ	PRELIMINARY RESULTS REGARDING THE SELECTION OF NEW BLUEBERRY GENOTYPES ( <i>VACCINUM CORYMBOSUM</i> L.)
52	Georgi POPSKI, Boryana STEFANOVA, Petko MINKOV, Teodora MIHOVA, Silvena TODOROVA	PHENOLOGICAL CALENDAR OF PLUM CULTIVARS, DEPENDING ON THE CHANGES OF CLIMATIC CONDITIONS FOR THE TROYAN REGION, BULGARIA
53	Daniela Nicoleta SCEDEI, Olimpia Alina IORDANESCU, Alina Georgeta DOBREI, Anisoara Claudia DUMA-COPCEA, Casiana MIHUT, Simion ALDA, Eleonora NISTOR, Alin DOBREI	INCREASING THE EFFICIENCY OF PLUM BREEDING IN FAMILY ORCHARDS BY INTRODUCING INTO THE VARIETAL ASSORTMENT OF SOME UNIVERSAL VARIETIES WITH VALUABLE PHYSICOCHEMICAL PROPERTIES
53	Leinar SEPTAR, Cristina MOALE, Corina GAVĂT, Alexandru OPRIȚĂ, Ion CAPLAN, Andreea BALCAN, Luana BOCIOROAGĂ	APRICOT RESPONSE TO RADICULAR AND FOLIAR APPLICATION OF FERTILIZERS UNDER DOBROGEA CONDITIONS
55	Elena Gabriela STAN, Lavinia Mihaela ILIESCU, Florin STĂNICĂ	PAWPAW FRUIT ( <i>ASIMINA TRILOBA</i> (L.) DUNAL). PROCESSING AND NUTRACEUTICAL VALUE
56	Boryana STEFANOVA, Georgi POPSKI, Petko MINKOV, Teodora MIHOVA	INFLUENCE OF CLIMATIC FACTORS ON THE PHENOLOGICAL AND REPRODUCTIVE MANIFESTATIONS OF INTRODUCED APPLE CULTIVARS IN THE REGION OF TROYAN, BULGARY
57	Ana-Maria STOENESCU, Sina Niculina COSMULESCU, Nicolae GHEORGHIU	PRELIMINARY RESEARCH ON IN VITRO PROPAGATION OF <i>ZIZIPHUS JUJUBA</i> MILL.
58	Viorel STOICA	PRELIMINARY RESULTS REGARDING YIELD AND FRUIT QUALITY OF SOME APPLE CULTIVARS IN ECOLOGICAL SYSTEM

No	Authors	Paper Title
59	Viorel STOICA, Dorel HOZA	ECOLOGICAL APPLE CULTURE IN ROMANIA – CULTIVATION AND CULTIVARS
60	Sava TABAKOV, Petya IVANOVA, Galya DOBREVSKA, Anton YORDANOV, Manol DALLEV	INFLUENCE OF PHOTOSELECTIVE PROTECTIVE NETS ON THE SENSORY CHARACTERISTICS OF FRUITS OF THE FLORINA APPLE CULTIVAR
61	Andrei TEODORU, Constantina CHIRECEANU, Ion MITREA	CONTRIBUTION TO THE KNOWLEDGE OF THE <i>AUCHENORRHYNCHA</i> FAUNA ASSOCIATED WITH APPLE AND PLUM ORCHARDS IN THE SOUTHERN PART OF ROMANIA IN 2022
62	Irina TITIRICĂ, Florentina NETCU, Cristina BÎRSOGHE, Ioana A. ROMAN	THE PERFORMANCE OF THE PERSIMMON GROWN IN THE SOUTHERN OF ROMANIA
63	Silvena TODOROVA, Silvena TODOROVA, Petko MINKOV, Teodora MIHOVA, Nikolina MARINOVA, Galina NAYDENOVA	REPRODUCTIVE CHARACTERISTICS OF PLUM CULTIVARS – A SELECTION OF THE EXPERIMENTAL FRUIT GROWING STATION OF DRYANOVO
64	Dimitar VASILEV, Svetoslav MALCHEV, Lilyana NACHEVA	STUDY OF THE NEW CLONAL CHERRY ROOTSTOCK HYBRIDS 20-192 AND 20-181 IN NURSERY
65	Giancarla VELICEVICI, Emilian MADOȘĂ, Sorin CIULCA, Adriana CIULCA, Dorin CAMEN, Carmen BEINSAN, Mihaela MALAESCU, Ilinca IMBREA, Iuliana CRETESCU	IDENTIFICATION OF GENETIC DIVERSITY AMONG SOME PEARS CULTIVARS WITH ISSR MARKERS
66	Cristina ZLATI, Mihai ISTRATE, Marius DASCĂLU, Roxana PAȘCU, Roberto BERNARDIS, Eduard STRUGARIU- EISENHAEUER	EVALUATION OF OLD APPLE VARIETIES GROWN IN NORTH-EASTERN PART OF ROMANIA

# POSTER SESSION

## VITICULTURE AND OENOLOGY

No	Authors	Paper Title
1	Irina-Georgiana BĂLĂNESCU, Arina Oana ANTOCE, Liliana PÎRCĂLABU, Georgeta TUDOR, Steliana-Paula BARBU	THE INFLUENCE OF MACERATION TECHNIQUES ON THE POLYPHENOLIC CONTENT OF THE WINES FROM NEGRU AROMAT GRAPE VARIETY
2	Géza BALLA, Tekla Amália LUNKA, József JOÓ, Csaba MOLDOVÁN, Zsolt SZEKELY-VARGA, Barna PUTNOKY-CSICSÓ, Endre KENTELKY	FERMENTATION TEMPERATURE AND DURATION EFFECT ON THE QUALITY AND ANTHOCYANIN CONTENT OF KADARKA WINE PRODUCED IN THE MINIȘ (MÉNES) WINE REGION
3	Géza BALLA, Tekla Amália LUNKA, József JOÓ, Csaba MOLDOVÁN, Zsolt SZEKELY-VARGA, Artúr-Botond CSORBA, Endre KENTELKY	EFFECT OF THE FERMENTATION TEMPERATURE AND DURATION ON THE ANTHOCYANIN AND QUALITY CONTENT OF CABERNET SAUVIGNON WINE PRODUCED IN THE MINIȘ (MÉNES) WINE REGION
4	Cornel Daniel BANIȚĂ, Arina Oana ANTOCE, George Adrian COJOCARU	MECHANISMS AND FACTORS INFLUENCING MCFA FORMATION BY YEASTS DURING GROWTH AND ALCOHOLIC FERMENTATION AND THEIR IMPORTANCE IN WINEMAKING
5	Ion BOȘTINARU, Sergiu-Ștefan GORJAN, Anca BECZE, Iulia TOROK	MODERN AND CURRENT CHEMICAL ANALYZES OF WINES FROM LOCAL AND AUTOCHTHONOUS QUALITY GRAPECULTIVARS IN THE AMPELOGRAPHIC COLLECTION OF SCDVV DRĂGĂȘANI
6	Georgeta Mihaela BUCUR, Marinela Vicuța STROE	STUDY ON THE IMPACT OF CLIMATE CHANGES ON THE PHENOLOGY AND ADAPTABILITY OF SOME VARIETIES INTENDED TO PRODUCTION QUALITY RED WINES

No	Authors	Paper Title
7	Georgeta Mihaela BUCUR, Gabriela MATEI	OPPORTUNITIES FOR ENSURING THE PROFITABILITY OF A SMALL WINEMAKING HOLDING IN ROMANIA
8	Ramona CĂPRUCIU, Daniela Doloris CICHI, Liviu Cristian MĂRĂCINEANU, Felicia STOICA	ANALYSIS OF SOME BIOCHEMICAL COMPOUNDS INVOLVED IN ADAPTATION MECHANISMS OF VINE TO THE MINIMUM TEMPERATURES DURING THE DORMANT SEASON
9	Maria Iulia CERBU, Răzvan George NIȚĂ	THE IMPACT OF SACCHAROMYCES AND NON-SACCHAROMYCES YEASTS ON THE PHYSICO-CHEMICAL COMPOSITION OF WHITE WINES OBTAINED IN IASI-COPOU VINEYARD
10	Octavian CIȘMAȘU, Antonia ODAGIU, Ioan OROIAN, Petru BURDUHOS	TRENDS IN "FETEASCĂ REGALĂ" GRAPES YIELD AND SUGAR CONTENT IN SITE SPECIFIC CLIMATE
11	Bogdan COSTEA, Giugea NICOLAE, Liviu-Cristian MĂRĂCINEANU, Felicia STOICA	THE INFLUENCE OF PELICULAR MACERATION ON SOME CONSTITUENTS OF NEUTRAL WHITE WINES FROM THE DRĂGĂȘANI VINEYARD
12	Dorin Constantin COSTEA, Ramona CĂPRUCIU, Daniela Doloris CICHI, Constantin BĂDUCĂ CÎMPEANU	RESEARCH CONCERNING THE REACTION OF VINES TO VARIABLE CLIMATIC CONDITIONS
13	Ionica DINA, Sergiu-Ayar ENE, Victoria ARTEM, Aurora RANCA, Mihaela HNATIUC	THE INFLUENCE OF THE CLIMATE ON THE EVOLUTION OF DISEASES IN THE SAUVIGNON BLANC VARIETY IN THE CONDITIONS OF THE YEARS 2021-2022 IN MURFATLAR
14	Oana-Silvia DINA VLĂDUCA, Roxana HOROIAȘ, Marian ION, Cezarina NECULA	INTEGRATED MANAGEMENT OF VINEYARD PLANTATION – COMPARATIVE STUDY OF OLIVIA VARIETY AND FETEASCA NEAGRA 4VI CLONE
15	Alina Georgeta DOBREI, Eleonora NISTOR, Daniela SCEDEI, Florin BORCA, Dragoș George CONSTANTINESCU, Alin Ionel DOBREI	IMPROVING SOME STEPS OF GRAPEVINE GROWING TECHNOLOGIES TO REDUCE PRODUCTION COSTS



No	Authors	Paper Title
16	Daniela Doloris CICHI, Ramona CĂPRUCIU, Nicolae GHEORGHIU, Felicia STOICA	AGROBIOLOGICAL AND TECHNOLOGICAL CHARACTERISTICS OF TABLE GRAPES VARIETIES, GROWN IN THE TEMPERATE-CONTINENTAL CLIMATE FROM SOUTHWESTERN ROMANIA
17	Ferihan EMURLOVA, Ferihan EMURLOVA	THE INFLUENCE OF TEMPERATURE ON THE YIELD OF CABERNET FRANC WINE VARIETY
18	Marian ION, Florentina MATEI, Steliana-Paula BARBU, Elena BRÎNDUȘE	EFFECT OF MIXED CULTURE WITH TORULASPORA DELBRUECKII AND SACCHAROMYCES CEREVISIAE ON PHYSICO-CHEMICAL AND SENSORY CHARACTERISTICS OF YOUNG WINES
19	Tatjana JOVANOVIĆ- CVETKOVIĆ, Rada GRBIĆ, Silva GROBELNIK MLAKAR, Borut BOSANČIĆ, Miljan CVETKOVIĆ	PHYSICOCHEMICAL EVALUATION OF THE GRAPE AND WINE OF THE BLATINA, TRNJAK AND VRANAC IN DIFFERENT VINTAGES
20	Eleonora NISTOR, Alina DOBREI, Giovanni MATTI, Alin DOBREI	THE INFLUENCE OF VITICULTURAL PRACTICES ON THE BERRY COMPOSITION OF MERLOT VARIETY GROWN IN THE WEST OF ROMANIA CLIMATE
21	Nicoleta Luminița PARASCHIV, Lucian RĂUS, Diana Elena BOLOHAN, Elena-Liliana CHELARIU, Bogdan-Vlad AVARVAREI, Mariana VOLF	THE ACIDITY IN THE MUST OF THE FETEASCA ALBAVARIETY, IN RELATION TO FERTILIZATION AND THE CONTENT OF MACROELEMENTS IN THE PLANT
22	Rodica POP, Doru PAMFIL, Monica HÂRȚA, Doina CLAPA, Mirela Irina CORDEA	ASSESSMENT OF SOMACLONAL VARIATION IN MICROPROPAGATED GRAPEWINE CULTIVARS USING MOLECULAR MARKERS
23	Andrei SIURIS, Andrei BOTNARENCO, Boris GĂINA, Maria GAMURAR	TESTING RESULTS OF THE BM 86 `ARYSTA LIFE SCIENCE SAS` AS A FOLIAR FERTILIZER FOR VINES IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

No	Authors	Paper Title
24	Mirela STĂNUȘ (RUJOIU), Alina Georgeta DOBREI, Eleonora NISTOR, Alin DOBREI	IDENTIFICATION OF SOME WINE GERMOPLASMA SINKS FROM ALBA COUNTY FOR THE PRODUCTION OF AUTHENTIC WINE PRODUCTS THROUGH THE APPLICATION OF SOME MINIMALLY INVASIVE TECHNOLOGIES
25	Felicia STOICA, Camelia MUNTEAN, Daniela CICHI, Constantin BĂDUCĂ, Ramona CĂPRUCIU, Alin BOȘTINARU	DETERMINATION OF THE AROMATIC PROFILE IN VARIETAL WINES FROM GRAPE VARIETIES ( <i>VITIS VINÍFERA</i> ) GROWN IN THE DRĂGĂȘANI VINEYARD
26	Andrei TĂNASE, Dorin SUMEDREA, Alina FLOREA, Anca ONACHE, Magdalena NEGRU, Mihaela OPREA, Adrian ASĂNICĂ	ESTIMATING THE TOLERANCE OF THREE TABLE GRAPE VARIETIES TO WATER STRESS BY CHLOROPHYLL FLUORESCENCE ANALYSIS
27	Raluca URMUZACHE, Cornel Daniel BANIȚĂ, Florentina ISRAEL ROMING, Iuliana-Diana BĂRBULESCU, Mihaela BEGEA, Mihai FRÎNCU, Corina DUMITRACHE, Petruța Mihaela MATEI, Dumitru DRAGOTOIU, Răzvan Ionuț TEODORESCU	EVOLUTION OF THE OF CIS AND TRANS- RESVERATROL IN WINES OBTAINED THROUGH INOCULATION WITH ACTIVE DRY YEAST AT PIETROASA VINEYARD

# POSTER SESSION

## VEGETABLE GROWING

No	Authors	Paper Title
1	Mansoor Abed ABOOHANAH, Jamal Ahmed Abbass SALMAN, Laith Jaafar Hussein HNOOSH	EFFECT OF SPRAYING HORNWORT AND BORON ON CHEMICAL PARAMETERS OF POTATA PLANT
2	Andreea ANTAL-TREMURICI, Silvica AMBĂRUȘ, Alexandru BUTE, Petre Marian BREZEANU, Gabriel-Alin IOSOB, Creola BREZEANU	PRELIMINARY STUDY ON THE FRUIT MORPHOLOGY, AGRONOMIC, AND PHYSIO-CHEMICAL CHARACTERISTICS OF TOMATO VARIETIES IN GREENHOUSE CONDITIONS
3	Arshad ADNAN, Ovidiu Ionuț JERCA, Liliana BĂDULESCU	STUDY REGARDING THE INFLUENCE OF SOME CLIMATIC PARAMETERS FROM THE GREENHOUSE ON THE TOMATO PRODUCTION AND FRUITS QUALITY
4	Dan Ioan AVASILOAIEI, Mariana CALARA, Marian Petre BREZEANU, Tina Oana CRISTEA	REVIEW ON THE SUSTAINABILITY OF SOME REGENERATIVE AGRICULTURE PRACTICES FOR ORGANIC VEGETABLE GROWING
5	Zhelyu AVRAMOV	STUDY OF THE DISTRIBUTION OF TOMATO BROWN RUGOSE FRUIT VIRUS (ToBRFV) IN SOUTHERN BULGARIA
6	Alexandra BECHERESCU, Gheorghîța HOZA, Florin SALA	THE VARIATION OF CUCUMBER QUALITY DEPENDING ON THE HYBRID AND THE FRUIT HARVESTING INTERVAL
7	Camelia BRATU, Florin STĂNICĂ, Costel VÎNĂTORU, Bianca MUȘAT, Geanina NEGOȘANU, Matilda POPESCU	PRELIMINARY RESULTS ON THE ACCLIMATIZATION OF A NEW SPECIES OF THE SOLANACEAE FAMILY IN ROMANIA

No	Authors	Paper Title
8	Petre Marian BREZEANU, Silvica AMBARUS, Andreea TREMURICI, Alexandru BUTE, Mariana CALARA, Dan Ioan AVASILOAIEI, Gabriel Alin IOSOB, Creola BREZEANU	AGRONOMIC PERFORMANCE OF CLIMBING BEAN CULTIVARS IN INTERCROPPING WITH SWEET MAIZE
9	Alexandru BUTE, Andreea ANTAL - TREMURICI, Creola BREZEANU, Silvica AMBĂRUȘ, Petre Marian BREZEANU, Gabriel - Alin IOSOB, Mariana CALARA	INFLUENCES OF PLANT DENSITY AND SEEDLING PLANTING DATES ON CABBAGE ( <i>BRASSICA OLERACEA</i> VAR. <i>CAPITATA</i> ) SEED PRODUCTION EFFICIENCY
10	Mariana CALARA, Neculai MUNTEANU, Creola BREZEANU, Petre Marian BREZEANU, Dan Ioan AVASILOAIEI	ALLELOPATHIC POTENTIAL ASSESSMENT OF DIFFERENT VEGETAL EXTRACTS ON LETTUCE SEED GERMINATION
11	Mădălin CHIOUARU, Adrian CHIRA, Constantin PĂUN, Maria ADOCHIȚEI, Ioana KLEE, Ligia ION, Daniel NAGY	STUDY ON THE ESTABLISHMENT OF THE SSR AND RADP METHOD FOR THE IDENTIFICATION OF THE GENE THAT CONTROLS THE ANTISEPTIC ACTION IN SOME BASIL GENOTYPES
12	Doina CLAPA, Monica HĂRȚA	EVALUATION OF BIOMASS PRODUCTION OF <i>STEVIA REBAUDIANA</i> BERTONI USING CLASSICAL <i>IN VITRO</i> CULTURE AND TEMPORARY IMMERSION BIOREACTOR SYSTEM
13	Gheorghe COTEȚ, Aurelia DIACONU, Ștefan NANU, Nicoleta-Alina PARASCHIV, Milica DIMA, Rodi MITREA	RESEARCH ON THE BEHAVIOR OF SOME SWEET POTATO GENOTYPES CULTIVATED ON THE SANDY SOILS OF SOUTHERN ROMANIA
14	Antoanela COZMA, Casiana MIHUT, Ariana VELCIOV, Codruta CHIS, Sofia POPESCU, Bogdan COZMA, Vlad MARAZAN, Maria RADA, Ersilia ALEXA	DETERMINATION OF THE MINERAL PROFILE OF POTATOES PEEL, BY-PRODUCT FROM POTATO PROCESSING – A PRELIMINARY STUDY

No	Authors	Paper Title
15	Tina Oana CRISTEA, Gabriel-Alin IOSOB, Alexandru BUTE	CHANGES OF MORPHOGENETIC PATTERNS OF PLANTS CULTIVATED <i>IN VITRO</i> UNDER THE INFLUENCE OF SALICYLIC ACID EMPLOYED AS A TRIGGER OF ANTIOXIDANT DEFENCE MECANISMS IN CABBAGE PLANTS
16	Mihaela Cristina DRĂGHICI, Mihaela GEICU-CRISTEA, Elisabeta Elena POPA, Paul-Alexandru POPESCU, Amalia Carmen MITELUȚ, Mona Elena POPA	A REVIEW OF PLANT-BASED, HIGH PROTEIN SNACK BARS: COMPOSITION, NUTRITIONAL VALUE AND HEALTH BENEFITS
17	Stanimir ENCHEV, Tzvetan KIKINDONOV	OPTIMICATION OF SCHEMES FOR REPRODUCTION OF STEVIA VARIETY "STELA"
18	Stoyan FILIPOV, Kostadin KOSTADINOV, Radoslav CHIPINSKI, Nadejda SHOPOVA	STUDYING THE INFLUENCE OF BIOLOGICAL FERTILIZATION ON RADISHES IN UNHEATED POLYETHYLENE GREENHOUSES
19	Felicia FRĂTUȚU, Ștefan NANU, Loredana SFÎRLOAGĂ, Diana ILINA	PHYSICO-CHEMICAL CHARACTERISTICS OF PUMPKIN FRUITS ( <i>CUCURBITA MAXIMA</i> DUCH.) CULTIVATED ON SANDY SOILS AT DĂBULENI RDSPCS
20	Gabriel-Alin IOSOB, Tina Oana CRISTEA, Dan Ioan AVASILOAIEI, Alexandru BUTE, Sebastian Petru MUSCALU	DROUGHT STRESS AND THE ROLE OF SALICYLIC ACID IN RELIEVING THE OXIDATIVE DAMAGE AT TOMATO PLANTS
21	Ionuț Ovidiu JERCA	STUDY REGARDING THE INFLUENCE OF SOME CLIMATIC PARAMETERS IN THE GREENHOUSE ON TOMATO PRODUCTION
22	Mykola KHARYTONOV, Mykhailo BABENKO, Svitlana LEMISHKO, Larisa SHUPRANOVA, Yelizaveta CHERNYSH, Hynek ROUBIK	VEGETABLES CROPS NUTRITION MANAGEMENT USING DRIP FERTIGATION AND SHADING MESH

No	Authors	Paper Title
23	Gülbanu KıYMACı, Önder TÜRKMEN, Ayşe Özgür UNCU	DESCRIPTION OF THE MORPHOLOGICAL CHARACTERISTICS OF SOME TOMATO GENOTYPES
24	Y. KLECHKOVSKIY, S. KORLIUK, N. MOHYLIUK, E. SHMATKOVSKAIA, H. KHOROKHORYNA	ONION STEM PHILIOSIS IN SOUTHERN UKRAINE
25	Lilyana KOLEVA, Georgi DIMITROV, Zhelyu AVRAMOV	IDENTIFICATION OF ALTERNATIVE MEASURES FOR THE MANAGEMENT OF ROOT-KNOT NEMATODES ON SOLANACEOUS VEGETABLE CROPS IN SOUTHWEST BULGARIA
26	Kostadin KOSTADINOV, Stoyan FILIPOV, Radoslav CHIPILSKI, Nadezhda SHOPOVA	PRODUCTIVITY AND NITRATE CONTENT OF GREENHOUSE SPINACH GROWN WITH ORGANIC FERTILIZATION
27	Alfred KOUAME KOHI	ASSESSMENT OF CHEMICAL HAZARDS PRESENT IN TOMATOES FROM CONVENTIONAL AND ORGANIC CROPS IN CÔTE D'IVOIRE
28	Velika KUNEVA, Nikolina SHOPOVA, Manol DALLEV, Georgi KOMITOV, Dimitar RAZPOPOV, Galya HRISTOVA	ASSESSMENT OF TECHNOLOGICAL APPROACHES FOR TOMATO PRODUCTION BASED ON MATHEMATICAL-STATISTICAL ANALYSIS
29	Boyka MALCHEVA, Pavlina NASKOVA, Dragomir PLAMENOV, Dimitar NIKOLOV	INFLUENCE OF ESSENTIAL OIL SPEARMINT ( <i>MENTHA SPICATA</i> L.) CULTURE ON SOIL BIOGENICITY AND DETERMINATION OF ITS ANTIMICROBIAL ACTIVITY AGAINST <i>ESCHERICHIA COLI</i>
30	Daniela MICU (BALINT), Elena Maria DRĂGHICI	STUDY ON THE INFLUENCE OF NUTRIENT CONDITIONS ON THE PRODUCTION AND QUALITY OF LETTUCE GROWN ON PERLIT SUBSTRATE

No	Authors	Paper Title
31	Nadejda MIHNEA, Galina LUPAȘCU, Diana BRAȘOVEANU	THE ROLE OF THE PARENTAL FACTOR IN THE MANIFESTATION OF GROWTH AND DEVELOPMENT TRAITS AT THE F1 TOMATO HYBRIDS
32	Gergana MLADENOVA, Milena YORDANOVA	EFFECT OF INTERCROPPING ON THE GROWTH AND YIELD OF CABBAGE
33	Ștefănică OSTACI, Mihaela COVAȘĂ, Cristina SLABU, Alina Elena MARTA, Carmen DOINA JITĂREANU	ESTIMATION OF CHLOROPHYLL CONTENT AND DETERMINATION OF CHLOROPHYLL FLUORESCENCE IN BITTER CUCUMBER ( <i>MOMORDICA CHARANTIA</i> L.) LEAVES UNDER SALINE STRESS CONDITIONS
34	Nikolay PANAYOTOV	EVALUATION OF THE VIABILITY OF CAPE GOOSEBERRY ( <i>PHYSALIS PERUVIANA</i> L.)
35	Alina-Nicoleta PARASCHIV, Aurelia DIACONU, Ștefan NANU, Daniela Valentina POPA	RESEARCH ON THE DYNAMICS OF METEOROLOGICAL PHENOMENA IN THE SOUTH OF OLTENIA AND THE ESTABLISHMENT OF THE SUITABILITY OF THE SWEET PEPPER CULTURE FOR THE CURRENT CLIMATIC CONDITIONS
36	Vera PETROVA, Ivanka MITOVA	EVALUATION THE SWISS CHARD RESPONSE TO BIOCHAR APPLICATION
37	Vera PETROVA, Viktor BICHEV	IMPACT OF DIFFERENT IRRIGATION REGIMES ON CABBAGE GROWTH
38	Vedat PİRİNÇ, Erhan AKALP	APPLICATIONS OF SALICYLIC ACID ON SEEDS AND SEEDLINGS OF PEPPERS UNDER SALINITY CONDITIONS
39	Monica POPA, Mihaela CIOLOCA, Andreea TICAN, Valentina ȘERBAN	STUDY ON THE EFFECT OF ACTIVATED CHARCOAL IN STIMULATING <i>IN VITRO</i> RHIZOGENESIS OF SWEET POTATO PLANTLETS
40	Adrian RACHIERU, Elena Maria DRĂGHICI	INFLUENCE OF EXPOSURE OF OKRA SEEDS TO A VARIABLE MAGNETIC FIELD ON GERMINATION
41	Adrian RACHIERU, Elena Maria DRĂGHICI	STUDY REGARDING THE INFLUENCE OF ENVIRONMENTAL CONDITIONS ON SOME GROWTH PARAMETERS OF OKRA PLANTS

No	Authors	Paper Title
42	Nikolina SHOPOVA	PLANTING TIME EFFECT ON THE GROWTH AND YIELD OF TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.)
43	Claudia SIMIONESCU, Elena Maria DRĂGHICI	STUDY ON THE EVOLUTION OF THE RANGE OF VARIETIES AND HYBRIDS OF TOMATOES CULTIVATED IN ROMANIA
44	Rodica SOARE, Maria DINU, Cristina BABEANU	EFFECT OF BIOFERTILIZERS ON QUALITY OF SWEET CORN
45	Sovorn CHAN, Ovidiu Ionuț JERCA, Adnan ARSHAD, Elena Maria DRĂGHICI	STUDY REGARDING THE INFLUENCE OF DIFFERENT SOWING DATES ON THE PRODUCTION OF SOME <i>BRASSICA</i> SPECIES CULTIVATED IN NUTRIENT FILM TECHNIQUE (NFT)
46	Sovorn CHAN, Ovidiu Ionuț JERCA, Adnan ARSHAD, Elena DOBRIN, Elena Maria DRĂGHICI	PRELIMINARY STUDY ON TWO LEAFY VEGETABLES GROWN IN DIFFERENT GROWING CONDITIONS IN NFT SYSTEM ( <i>Amaranthus viridis</i> L., and <i>Basella rubra</i> L.)
47	Tsvetelina STOILOVA, Petar CHAVDAROV	DIVERSITY OF COMMON BEAN LANDRACES ( <i>PHASEOLUS</i> SPP.) MAINTAINED IN HOME GARDENS IN BULGARIA
48	Nikolaya VELCHEVA	DIVERSITY OF COLLECTED LOCAL VARIETIES IN BULGARIA ASSESSED BY USING THE NATIONAL ELECTRONIC REGISTER OF PLANT GENETIC RESOURCES DATA
49	Veselka VLAHOVA	ENVIRONMENTAL BENEFITS OF BIOFERTILIZERS APPLICATION IN THE AGROECOSYSTEM
50	Veselka VLAHOVA	ALLELOPATHIC EFFECT OF WEED SPECIES ON TOMATO
51	Milena YORDANOVA, Nikolay FILIPOV	EFFECT OF THE SEAWEED BIOSTIMULANT "KELPAK®" ON THE GROWTH OF CUCUMBER



## POSTER SESSION

### FLORICULTURE, ORNAMENTAL PLANTS, DESIGN AND LANDSCAPE ARCHITECTURE

No	Authors	Paper Title
1	Nora Eugenia D. G. ANGHELESCU, Irina HOLOBIUC, Ioana-Cătălina NICOLAE, Cosmina Oana VENAT, Mihaela I. GEORGESCU, Sorina A. PETRA, Adrian PETICILĂ, Florin TOMA	MORPHOLOGICAL AND BIOMETRICAL PROPERTIES OF TEMPERATE ORCHID SEEDS AND THEIR BIOLOGICAL IMPLICATIONS
2	Nora Eugenia D. G. ANGHELESCU, Lori BALOGH, Mihaela BALOGH, Nicoleta KIGYOSSY, Mihaela I. GEROGESCU, Sorina A. PETRA, Florin TOMA	THE UNEXPECTED DISCOVERY OF A RARE INTERGENERIC ORCHID HYBRID IN ROMANIA: × <i>Dactyloдения comigera</i> (Rchb.) Aver. (Hybrid parental formula: <i>Dactylorhiza</i> <i>majalis</i> × <i>Gymnadenia conopsea</i> )
3	Svetlana ANISIMOVA, Elena TSVETKOVA, Mariela HRISTOVA-SAVOVA	IMPACT OF PLATANUS L. SPECIES ON THE POLLEN EMISSIONS AND AIR POLLUTION OF SOFIA
4	Simona BĂLAN-IONESCU (POPESCU), Florin TOMA	LANDSCAPING IN THE CITY OF BUCHAREST WITH FLOWERING PLANTS IN THE CONTEXT OF POLITICAL INFLUENCES AND LOCAL LEGISLATIVE REGULATIONS
5	Roberto BERNARDIS	ASPECTS REGARDING THE ORNAMENTAL VALUE OF SOME TEAHIBRIDA AND FLORIBUNDA ROSE VARIETIES FROM „TUDOR NECULAI” NURSERY COLLECTION - IAȘI COUNTY
6	Vladimir Ionuț BOC, Ana VIȚA, Claudia FABIAN, Cristina MĂNESCU	STUDY REGARDING THE LANDSCAPE REVITALIZATION OF THE TENARIS- SILCOTUB STEEL MILL IN CĂLĂRAȘI
7	Mirela COJOCARIU, Ana BOGRUG, Doina Mira DASCĂLU, Ana-Maria-Roxana ISTRATE, Codrina GRECU	INTRODUCING ARCHITECTURAL- LANDSCAPE ELEMENTS IN URBAN SQUARES FOR HIGHER QUALITY OF LIFE

No	Authors	Paper Title
8	Otilia COTUNA, Mirela PARASCHIVU, Veronica SĂRĂȚEANU, Elena PARTAL, Alin CĂRĂBET	STUDY REGARDING THE IDENTIFICATION OF THE FUNGUS <i>PESTALOTIOPSIS FUNEREA</i> (DESM.) STEYAERT ON THUJA FROM TIMIȘ AREA, ROMANIA - CASE STUDY
9	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
10	Elena DELIAN, Elena SĂVULESCU	GAS EXCHANGE AND LEAF CHLOROPHYLL ESTIMATES OF SOME DECIDUOUS TREE SPECIES DURING AUTUMN SENESCENCE
11	Codrina GRECU, Mirela COJOCARIU, Clara-Teodora BALAN, Doina-Mira DASCĂLU	USING THE PRINCIPLES OF THERAPEUTIC GARDENS IN THE PROPOSED REDEVELOPMENT OF THE GREEN SPACE OF THE "PROF. DR. NICOLAE OBLU" HOSPITAL IN IASI
12	Ivanka HAMBARLYISKA, Patricia GEORGIEVA, Radka VRANCHEVA, Jorge Juan-VICEDO, Nadezhda PETKOVA	FRUCTAN CONTENT AND SOLUBLE SUGARS IN SOME ORNAMENTAL PLANTS
13	Mykhailo HUMENTYK, Mykola KHARYTONOV, Antin SHUVAR, Halyna PYRIH, Volodymyr HUMENTYK	THE GROWTH DYNAMICS OF PAULOWNIA TREES CULTIVATED AS ENERGY PLANTATIONS IN THE FOREST-STEPPE ZONE OF UKRAINE
14	Endre KENTELKY, Erzsébet DOMOKOS, Zsolt SZEKELY-VARGA, Monica BOSCAIU	INFLUENCE OF ROOTING MEDIA AND HORMONES ON MANDEVILLA VEGETATIVE PROPAGATION
15	Endre KENTELKY, Gabriella KISS, Ildikó LIHÁT, Róbert Marius TÁSLÁVAN, Martin JAKAB, Zsolt SZEKELY-VARGA	GREEN REHABILITATION CONCEPT FOR A POST SOCIALIS MARKETPLACE (PROMOTING THE LOCAL FARMERS AND SUPPORTING THE GREEN INFRASTRUCTURE OF THE CITY OF TÂRGU MUREȘ)

No	Authors	Paper Title
16	Endre KENTELKY, Gergely Loránd SZABÓ, Ildikó LIHÁT, Noémi HEGEDŰS, Anna Imola HENNING, Endre VÁNYOLÓS, Zsolt SZEKELY-VARGA	ECOLOGICAL EDUCATIONAL TRAIL, AS LINKAGE BETWEEN NATURAL AREAS AND HISTORICAL HERITAGE, PRESENTED BY THE CASE STUDY OF PĂNET VILLAGE
17	Manuela MANDA, Carmen NICU	GROWTH AND FLOWERING PERFORMANCE EVALUATION OF TEN POTTED CHRYSANTHEMUM CULTIVARS
18	Cristina MĂNESCU, Miruna TUDORACHE, Gabriel DĂNILĂ, Paul ILIESCU, Valerian SIMIONIUC, Elisabeta DOBRESCU	BIRCH SAP HARVESTING IN CHANGING SPRING CONDITIONS AND ITS IMPACT ON TREES GROWTH
19	Cristina R. MĂNESCU, Florin TOMA, Aurelia S. PETRA, Ionela M. ILIESCU	EFFECT OF PLANTING DATE ON ANEMONE PLANTS, GROWN IN A SUSTAINABLE GARDEN IN BUCHAREST, ROMANIA
20	Andreea MELINESCU, Sina COSMULESCU	SUSTAINABLE CITIES IN 21TH CENTURY - A REVIEW OF THE IMPLICATIONS OF EDIBLE LANDSCAPES
21	Emilian MIREA, Burnichi FLOAREA, Toma MITEL, Toma FLORIN	INNOVATIVE RESEARCH ON THE PRODUCTION OF TUBEROSE BULBILS FOLLOWING ARTIFICIAL LED LIGHTING
22	Bianca MUȘAT (ZAMFIR), Costel VÎNĂTORU, Camelia BRATU, Geanina NEGOȘANU, Matilda POPESCU, Florin BURLAN	IDENTIFICATION OF MAIN PHENOTYPIC TRAITS OF <i>DIANTHUS</i> SPP. CORE-COLLECTION VARIETIES OF PGRB BUZAU BASED ON FLOWER DESCRIPTORS
23	Carmen NICU, Manuela MANDA	RESPONSE OF ZINNIA PLANTS TO FOLIAR APPLICATION OF SALICYLIC ACID
24	Alina-Ștefana OZARCHEVICI, Maria APOSTOL, Lucia DRAGHIA	PRELIMINARY RESULTS REGARDING THE BEHAVIOR OF SOME <i>CAMASSIA</i> SPECIES IN IAȘI ECOLOGICAL CONDITIONS (NORTHEASTERN ROMANIA)

No	Authors	Paper Title
25	Valantin PANCHEV	EFFECT OF ULTRASOND TREATMENT ON THE SEEDS OF DIFFERENT GLADIOLUS ( <i>GLADIOLUS HYBRIDUS</i> L.) VARIETIES ON THE SOWING QUALITY
26	Nicoleta Luminița PARASCHIV, Mariana VOLF, Elena-Liliana CHELARIU, Elena Diana BOLOHAN	LEAD AND ITS IMPACT ON SOIL FERTILITY DEGRADATION AND CROP PLANTS
27	Marina SAMIEE, Monica HÂRȚA, Doina CLAPA, Mihai BOTU	MORPHOMETRIC ANALYSIS AND ASSESSMENT OF GENETIC DIVERSITY OF WILLOW ( <i>SALIX</i> SP.) GENOTYPES USING SCOT MOLECULAR MARKERS
28	Irina SFECLA, Victor SFECLA	LANDSCAPE ARCHITECTURE IN THE REPUBLIC OF MOLDOVA THROUGH THE PRISM OF SOME HISTORICAL PERIODS
29	Tatiana SÎRBU, Doina ȘABAROV, Tamara RUDI	GRASSES WITH ORNAMENTAL POTENTIAL UNDER <i>EX SITU</i> CONDITIONS
30	Zsolt SZEKELY-VARGA, Reimond SIMPF, Endre KENTELKY, Klára BENEDEK, Katalin MOLNÁR, Béla BIRÓ-JANKA, Adalbert BALOG	COMPARING DIFFERENT GRASS SPECIES, VARIETIES AND GRASS MIXTURES IN THE ENVIRONMENTAL CONDITIONS OF TÂRGU MUREȘ
31	Dumitru-Mitel TOMA, Floarea BURNICHI, Emilian MIREA, Florin TOMA	INNOVATIVE RESEARCH ON GERMINATION OF BASIL SEEDS ( <i>OCIMUM</i> SPP.)
32	Zaneta TUCHOWSKA, Barbara BORAWSKA- JARMUŁOWICZ, Piotr DABROWSKI, Henryk KOCIEL	PHOTOSYNTHETIC EFFICIENCY OF <i>FESTUCA GLAUCA</i> FESTINA AND STACHYS BYZANTINA PLANTS IN AN OUTDOOR VERTICAL GARDEN UNDER SILICON APPLICATION CONDITION
33	Elena Cristina ȚURLEA (CIOBANU), Liliana BĂDULESCU, Monica Luminița BADEA, Mihai Ioan CIOBANU, Florin TOMA	MORPHOLOGICAL AND PHYSIOLOGICAL PARTICULARITIES OF FIVE DAHLIA CULTIVARS

No	Authors	Paper Title
34	Elena Cristina ȚURLEA (CIOBANU), Mihaela GEORGESCU, Monica Luminița BADEA, Mihai Ioan CIOBANU, Sorina PETRA, Florin TOMA	ASPECTS REGARDING THE ANATOMY OF THE STEM AND LIFETIME AS CUT FLOWERS OF SOME DAHLIAS CULTIVARS
35	Ana – Maria VÎRTEIU, Ioana GROZEA	THE NORWAY MAPLE APHID - <i>PERIPHYLLUS LYROPICUS</i> (KESSLER) (HEMIPTERA: APHIDIDAE): A NEW PEST OF ACER PLATANOIDES IN WESTERN ROMANIA
36	Mariana VOLF, Nicoleta Luminița PARASCHIV, Elena-Liliana CHELARIU, Elena Diana BOLOHAN	THE PRESENCE OF ZINC IN CULTURAL SOILS ADJACENT TO URBAN AGGLOMERATIONS AND THEIR IMPENDING POLLUTION

# POSTER SESSION

## MISCELLANEOUS

No	Authors	Paper Title
1	Stanislava ATANASOVA, Lubov PLESHKUTSA, Maria GEORGIEVA, Diyani GEORGIEV, Evlogi MARKOV	DYNAMICS OF NUTRIENT ELEMENTS IN THE SOIL IN THE CULTIVATION OF DIFFERENT RASPBERRY GENOTYPES
2	Lavinia-Diana-Nicoleta BARBU, Oana LIVADARIU, Oana-Alina BOIU-SICUIA, Carmen Gabriela CONSTANTIN, Aurora DOBRIN, Violeta Alexandra ION, Oana Arabela Cosmina VENAT, Cătălina Ioana NICOLAE, Monica BADEA, Adrian-George PETICILĂ, Viorica LAGUNOVSCI LUCHIAN, Narcisa-Elena BĂBEANU	PRELIMINARY EVALUATION ON GETTING SPROUTS IN SORREL ON DIFFERENT SUBSTRATES
3	Paul BUTNĂRAȘU, Mihai TĂLMACIU, Nela TĂLMACIU, Monica HEREA	RESEARCH ON THE ARTHROPOD SPECIES EXISTING IN POTATO CROPS
4	Paul BUTNĂRAȘU, Mihai TĂLMACIU, Nela TĂLMACIU, Monica HEREA	RESEARCH ON THE SPECIES OF HEXAPODES EXISTING IN POTATO CROPS
5	Luminița CATANĂ, Monica CATANĂ, Florica CONSTANTINESCU, Anda-Grațiela BURNETE, Adrian Constantin ASĂNICĂ	RESEARCH ON THE NUTRITIONAL VALUE, BIOACTIVE COMPOUNDS CONTENT AND ANTIOXIDANT CAPACITY OF SPIRULINA
6	Monica CATANĂ, Luminita CATANĂ, Adrian Constantin ASĂNICĂ, Monica Alexandra DARA, Florica CONSTANTINESCU	RESEARCH ON THE CAPITALIZATION OF THE NUTRITIONAL AND BIOACTIVE POTENTIAL OF CAULIFLOWER LEAVES IN THE CIRCULAR ECONOMY CONTEXT

No	Authors	Paper Title
7	Aurora DOBRIN, Carmen Gabriela CONSTANTIN, Gabriela POPA	ANTIMICROBIAL ACTIVITY OF NATURAL CARBOHYDRATE POLYMERS AND THEIR MECHANISM OF ACTION – A REVIEW
8	Alexandra GEORGESCU, Constantina Lenuța CHIRA, Elena Maria DRĂGHICI, Maria BICAN, Mădălin CHIUOARU, Ioana KLEE, Daniel NAGY, Ligia ION	RESEARCH ON THE EFFICACY OF SOME BIOFUNGICIDES APPLIED TO SOME WAREHOUSE DISEASES UNDER LABORATORY CONDITIONS
9	Daniela Ioana ILIE, Daniel RĂDUȚOIU, Sina COSMULESCU	THE EVOLUTION OF THE FLORISTIC COMPOSITION OF AN ECOSYSTEM IN THE AREA OF SANDS IN SOUTHWEST ROMANIA UNDER THE INFLUENCE OF ENVIRONMENTAL FACTORS
10	Daniela Ioana ILIE, Sina Niculina COSMULESCU	LOCAL BIODIVERSITY: IMPORTANCE, DIVERSITY AND IMPACT. A REVIEW
11	Marisa JIMÉNEZ PÉREZ, Ana María ADALID MARTÍNEZ, Estela MORENO PERIS, Ana María FITA, Adrián RODRÍGUEZ BURRUEZO	EVALUATION OF PIMIENTO BLANCO CULTIVARS ( <i>CAPSICUM ANNUUM</i> L.) FROM VILLENA UNDER ORGANIC CONDITIONS
12	Liviu MĂRĂCINEANU, Nicolae GIUGEA, Ramona CĂPRUCIU	A REVIEW OF THE DECORATIVE AND UVOLOGICAL POTENTIAL WITHIN THE VITACEAE FAMILY
13	Gergana MAROVSKA, Anton SLAVOV	UTILIZATION OF INDUSTRIAL ROSE AND LAVENDER SOLID BY-PRODUCTS FOR REMOVAL OF 2-NAPHTOL ORANGE
14	Gabi-Mirela MATEI, Sorin MATEI, Florin ENACHE, Elena Maria DRĂGHICI	THE INFLUENCE OF QUANTUM STRUCTURED WATER ON MICROBIAL DIVERSITY IN RHIZOSPHERE OF TOMATO AND ASSESSMENT OF BIOLOGICAL QUALITY OF PLANTS BY IMAGE-FORMING METHODS

No	Authors	Paper Title
15	Sorin MATEI, Gabi-Mirela MATEI	ENHANCING SOIL SUPPRESSIVENESS WITH CONJUGANTS REALIZED BETWEEN MICROBIAL SIDEROPHORES AND A FULVIC ACID FRACTION
16	Casiana MIHUȚ, Anișoara DUMA COPCEA, Lucian NIȚĂ, Adalbert OKROS, Daniela SCEDEI, Daniel POPA, Carmen DURĂU, Teodor MATEOC-SÎRB	ANTHROPOGENIC INFLUENCE ON THE PHYSICAL PROPERTIES OF SOILS IN GREENHOUSES AND SOLARIA
17	Nicholus Mxolisi MNYAMBO, Moses TIMANA, Precious RANTHO, Rivoningo UBISI, Mmagadima SEBATI, Zakheleni DUBE	OPTIMUM TIME OF MEDICINAL PLANT EXTRACT APPLICATION ON TOMATO PLANTS INFESTED WITH <i>MELOIDOGYNE INCOGNITA</i>
18	Geanina NEGOȘANU, Adrian ASĂNICĂ, Costel VÎNĂTORU, Bianca MUȘAT, Camelia BRATU, Adrian PETICILĂ	EVALUATION OF PHENOTYPIC EXPRESSIVITY OF <i>SIDERITIS SCARDICA</i> VAR. <i>OSSA</i> , A NEW GENOTYPE ACCLIMATED AND BRED IN ROMANIA
19	Auraș NIȚĂ, Nicoleta RADU, Floarea BURNICHI, Cătalina VOAIDES, Narcisa BĂBEANU	PRELIMINARY STUDIES REGARDING THE IMPROVEMENT OF SOME VARIETIES OF <i>MARJORANA HORTENSIS</i>
20	Ion NIȚU, Amalia Carmen MITELUȚ	APPLICATION OF SUPERABSORBENT POLYMERS IN THE AGRICULTURE AND THE IMPORTANCE OF THEIR BIODEGRADABILITY - A REVIEW
21	Adrian PETICILĂ, Roxana Maria MADJAR, Florin STĂNICĂ, Adrian ASĂNICĂ, Raluca CIUBOTĂRĂȘU, Ana Cornelia BUTCARU	RESULTS REGARDING THE 24-HOUR COMPOSTS (OKLIN) COMPOSITION AND THEIR USE AS FERTILISER
22	Mihaela POSTOLICI URSACHI, Andreea UDREA BRASLĂ, Maria Marinela BÎNCĂ	THE SPREAD OF THE MARBLE BUG IN EUROPE- REVIEW



No	Authors	Paper Title
23	Ion ROȘCA, Elisaveta ONICA, Aliona GLIJIN, Alina CUTCOVSCHI-MUȘTUC, Vitalie MÎȚU	THE QUANTITATIVE ESTIMATION OF SOME BIOCHEMICAL COMPOUNDS WITH ANTIOXIDANT PROPERTIES IN THE FRUITS OF THREE CULTIVARS OF <i>ELAEAGNUS UMBELLATA</i> THUNB. INTRODUCED IN THE REPUBLIC OF MOLDOVA
24	Mmagadima SEBATI, Thobile MKHWANAZI, Zakheleni DUBE, Moses TIMANA, Rivoningo UBISI, Nicholus MNYAMBO	MAERUA ANGOLENSIS LEAF EXTRACT EFFECTS ON POPULATION DENSITIES ON <i>MELOIDOGYNE INCOGNITA</i> AND YIELD OF <i>CORCHORUS OLITORIUS</i> UNDER MICROPLOT CONDITIONS
25	Mmagadima SEBATI, Thobile MKHWANAZI, Zakheleni DUBE, Moses TIMANA, Rivoningo UBISI, Nicholus MNYAMBO	INDIGENOUS AFRICAN VEGETABLE ( <i>CORCHORUS OLITORIUS</i> L.) SCREENING AGAINST <i>MELOIDOGYNE INCOGNITA</i>
26	Anton SLAVOV, Mariyana TOPUZOVA, Gergana MAROVSKA	BY-PRODUCTS FROM THE ESSENTIAL OIL INDUSTRY –VALORIZATION AND RECYCLING. PRACTICAL APPLICATION – ADSORPTION OF TEXTILE INDUSTRY DYES
27	Ioana Loredana STANCIU, Mihaela GEICU-CRISTEA, Elisabeta Elena POPA, Paul Alexandru POPESCU, Mihaela Cristina DRĂGHICI, Amalia Carmen MITELUȚ, Mona Elena POPA	EFFECTS OF SOME DRYING METHODS ON THE CONTENT IN BIOACTIVE COMPOUNDS IN SEA BUCKTHORN BY-PRODUCTS
28	Valentina STOIAN, Diana RIȘCOU, Ștefania GÂDEA, Anamaria VÂTCĂ, Mădălina TRUȘCĂ, Sorin VÂTCĂ	TESTED SEED PRIMING METHODS TO STIMULATE THE GERMINATION OF <i>CITRUS LIMON</i> L.
29	Nela TĂLMACIU, Mihai TĂLMACIU, Monica HEREA, Liliana MANOLE	CONTRIBUTIONS TO THE KNOWLEDGE OF THE COLEOPTERO FAUNA FROM ALFALFA CROPS

No	Authors	Paper Title
30	Nela TĂLMACIU, Mihai TĂLMACIU, Monica HEREA, Liliana MANOLE	CONTRIBUTIONS TO THE KNOWLEDGE OF THE STRUCTURE, DYNAMICS AND ABUNDANCE OF HARMFUL AND USEFUL INSECT SPECIES FROM ALFALFA CROP
31	Ali Fuat TARI	DETERMINATION OF THE APPROPRIATE IRRIGATION PROGRAM FOR WATERMELON GROWN BY DRIP IRRIGATION METHOD IN ARID CONDITIONS
32	Andreea TICAN, Mihaela CIOLOCA, Monica POPA	RESULTS REGARDING BEHAVIOR OF POTATO CULTIVAR IN MINITUBERIZATION PROCESS DURING 2021-2022
33	Moses TIMANA, Nicholus MNYAMBO, Zakheleni DUBE, Mmagadima SEBATI, Rivoningo UBISI, Thobile Perseverance MKHWANAZI	HOST-STATUS AND HOST-SENSITIVITY OF LOCAL <i>M. ESCULENTA</i> VARIETIES TO <i>M. INCOGNITA</i> UNDER GREENHOUSE CONDITIONS
34	Georgiana-Roxana TOMOȘOIU, Adrian ASĂNICĂ, Stelica CRISTEA, Dana TĂPĂLOAGĂ, Liliana TUDOREANU	THE INFLUENCE OF HORTICULTURAL PRODUCTS AND BYPRODUCTS ADDITION ON THE TEXTURAL AND NUTRITIONAL QUALITY OF BREAD AND BAKERY – A SYSTEMATIC REVIEW
35	Rumen TOMOV, Roxana CICEOI	BIOCONTROL OF CROP PEST BY ALIEN BIOLOGICAL CONTROL AGENTS IN BULGARIA AND ROMANIA – STATE OF ART
36	Daniela TRIPON (BURDUHOS), Antonia ODAGIU, Ioan OROIAN, Claudia BALINT, Vladia ARNĂUTU	CLIMATIC INPUTS INFLUENCE ON THE YIELDS OF WILD BERRIES HARVESTED FROM TRANSYLVANIAN TESTING SPONTANEOUS FLORA. A CASE STUDY: <i>RUBUS IDAEUS</i> L., AND <i>RIBES NIGRUM</i> L. IN THE SEASON OF 2022

No	Authors	Paper Title
37	Rivoningo UBISI, Thapelo SELEKANE, Thobile MKHWANAZI, Moses NTIMANE, Nicholus MNYAMBO, Mmagadima SEBATI, Zakheleni DUBE	CHARACTERISING SEED DORMANCY MECHANISM IN CORCHORUS OLITORIUS (JEW'S MALLOW) VARIETIES
38	Maryna ZAKHAROVA, Sviatoslav BALIUK, Ludmila VOROTYNTSEVA	INFLUENCE OF MICRONUTRIENT CONTENT OPTIMIZATION ON THE VEGETABLES QUALITY AND YIELD
39	Maria-Mihaela ZUGRAVU, Aglaia POPA, Liliana BĂDULESCU, Florentina ISRAEL-ROMING	A REVIEW ON THE ROLE OF MICROBIAL COMMUNITIES IN MAINTAINING PLANT AND SOIL HEALTH