

SUMMARY

SUSTAINABLE PRODUCTS AND TECHNOLOGIES IN HORTICULTURE

Researches on the influence of technological production and valorization factors on the commercial quality of Cardinal peaches cultivar - Constanța ALEXE, M. VINTILĂ, Simona POPESCU, Liana-Melania DUMITRU, Gheorghe LAMURANU, Lenuța CHIRĂ	13
Effects of <i>Glomus mosseae</i> on lettuce - Ina ALSINA, Laila DUBOVA, Ligita LIEPINA	19
Evaluation of some sweet cherry cultivars to winter freeze in different areas of Romania - Adrian ASĂNICĂ, Dorel HOZA, Valerica TUDOR, Georgeta TEMOCICO	23
The impact of some modernized technological operations upon the productive potential of some <i>Cucurbita pepo</i> L., convar. <i>Giromontia</i> hybrids, cultivated in cold solariums - Alexandra BECHERESCU, HORGOS A., POPA D., Anca DRĂGUNESCU, Anișoara IENCIU, Roxana STEPAN	29
Aspects of the interspecific relationships between <i>Kloeckera apiculata</i> and <i>Saccharomyces cerevisiae</i> var. <i>ellipsoideus</i> yeasts - Georgeta BELENIUC, Constantin BĂDUCĂ CÂMPEANU, Victoria LEUȘTEAN	37
Researches concerning the influences of climate changes on grapevine - Georgeta Mihaela BUCUR, L. DEJEU, G. CAZAN, Ana TĂNASE	43
Organic weed control measures applied in organic vegetable - Elena CATĂNĂ, Gheorghe CÂMPEANU, Nicolae ATANASIU, Gabriela NEATĂ, Vasilica MANEA, Valeria STUPCANU	49
The influence of some foliar fertilizers application on the seed production of french bean - Ana-Emilia CENUŞĂ	55
Research and results on the implementation of modern technological elements in tomatoes grown in old individual greenhouses - Mileva CHIRICĂ, Gheorghe CÂMPEANU, Felicia STAN, Nicolae ATANASIU, Gabriela NEATĂ	59
The behaviour of some apple tree varieties with genetic disease-resistance in the high density system - Daniel COMĂNESCU, Gheorghe PETRE, Valeria PETRE	63
Evaluating the quality of the tablegrape varieties obtained and cultivated in the vineyard Ștefănești – Argeș - Adriana COSTESCU, Liviu DEJEU, Camelia POPA	69
Mineral content of nectarines fruits in relation to some fertilization practices - Elena DELIAN, Lenuța CHIRĂ, Liana DUMITRU, Liliana BĂDULESCU, Adrian CHIRĂ, Alexandra PETCUCI	73
Efficacy of some bacterial bioproducts against <i>Sclerotium cepivorum</i> - Sorina DINU, Oana-Alina SICUIA, Florica CONSTANTINESCU, Cătălin LĂZUREANU, Florin OANCEA	81
Evaluation of potential biodegradation of materials based on peat and waste of cellulose fibres for use in seedling production - Elena DOBRIN, Mihaela ROȘU, Elena Maria DRĂGHICI, Petronela NECHITA	89
Research regarding the behavior of some blueberry plant varieties in the conditions from the Bucharest area - Tudora NEAGU, Dorel HOZA, Ligia ION..	93
Study regarding the influence of the bio stimulator bioseed on bell pepper seed germination - Elena Maria DRĂGHICI, Andy BRATOSIN, Elena DOBRIN, Maria PELE	97

Comparison of trichoderma sp. use efficiency on cucumbers and lettuce - Laila DUBOVA, Ina ALSINA, Vilhelmine ŠTEINBERGA	101
The content of plant pigments in red and yellow bell peppers - Mara DUMA, Ina ALSINA	105
Manifest of the productive potential of some tomato hybrids with determined growth cultivated in cold solariums under the impact of flower stimulation and fecundation methods and of different modern fertilizers - A. HORGOS, Alexandra BECHERESCU, D. POPA, Anisoara IENCIU, Anca DRAGUNESCU, L. RUSU	109
The influence of the plant management system over certain physical and physiological parameters for apple trees - Dorel HOZA, Ligia ION, Andrei IONESCU	117
Researches on the impact of chemical fruit thinning with ethrel upon fruits' quality of some peach and nectarine varieties cultivated in the western part of Romania - Olimpia IORDANESCU, Beatrice SARKADI (MAGURAN)	123
Quality evaluation of some clingstone cultivars processed into stewed fruit - Gh. LAMUREANU, Constanta ALEXE, Simona POPESCU	127
The influence of cultivar on growth and productive potential of tomatoes grown in solariums protected with selective photo films - Mali-Sanda MANOLE	133
Micropagation of baby kiwi (<i>Actinidia arguta</i>) using mature stem segments - Adrian PETICILA, Florin STANICA, Roxana MADJAR, Oana VENAT-DUMITRIU	139
The influence of the climatic factors on the development and yield capacity of some apple varieties cultivated in high density orchard system - Ioan PLATON, Zsolt JAKAB-ILYEFALVI	143
Influence of bud load for two romanian table grapes cultivars in the climatic conditions of Stefanesti vineyard - Cristian POPESCU	151
Evolution research on the influence of micorrhiza on culture of watermelons with plants grafted on sandy soils from southern Oltenia - Iulian RATOI, Vasile TOMA, Mihaela CROITORU, Nicolae LASCU, Valerian HANESCU, Emanuela Cristina VLADU	155
Researches on the impact of chemical fruit thinning with ethrel upon minerals' content in fruits of some peach and nectarine varieties cultivated in Periam, Timis county - Beatrice SARKADI (MAGURAN), Olimpia IORDANESCU	161
Growing technology implementation of black currant varieties for berries production in District Soroca, Republic of Moldova - Parascovia SAVA, Gheorghe BODIU	167
Study of gooseberry varieties in different cultivate conditions - Parascovia SAVA	171
Bacterial biocontrol strains that reduce Rhizoctonia damping-off in tomato seedlings - Oana-Alina SICUIA, Florica CONSTANTINESCU, Sorina DINU	175
Study regarding the influence of low winter temperatures between 2011-2012 on the viability of winter buds of some table grape varieties in the conditions of the didactic experimental field in Bucharest - Marinela Vicuta STROE, Georgeta Mihaela BUCUR	181
Fruit growing technologies to mitigate the negative impact of climatic changes from the southern part of Romania - Dorin SUMEDREA, Emil CHITU, Viorica CHITU, Mihaela SUMEDREA, Florin Cristian MARIN, Nicolae TANASESCU ...	185

Research on influence of top shoots pinching on plant growth and blossoming of some new varieties of petunia - Florin TOMA, Sorina PETRA, Diana ZAMFIR-VASCA, Thomas VASILESCU	193
Research on the behaviour of some hyacinth varieties in different types of forcing for blooming in out of season - Florin TOMA, Sorina PETRA, Diana ZAMFIR-VASCA, Oana TĂNASE	197
Preventing and limiting the spread of crown gall in vineyards - Diana E. VIZITIU (BĂLĂȘOIU), Liviu C. DEJEU, Ion RĂDULESCU, Carmen F. POPESCU	203
Behaviour of sweet corn hybrids grown at different densities - Anne Marie VOICU (ENESCU)	211
The influence of the treatments with growth promoters and foliar fertilizers on protected crops of tomatoes - Jeni Gianina VOICU (SIMION)	219
Influence of variety and treatments with growths promoters and foliar fertilizers on growing and development of lettuce in protected crops - Jeni Gianina VOICU (SIMION)	225

HORTICULTURAL BIODIVERSITY AND GENETIC RESOURCES

Field performance of several plum genotypes grown under environmental conditions of Pitești – Mărăcineni - Mădălina BUTAC, Mădălina MILITARU, Sergiu BUDAN, Irina ANCU	235
Preliminary research concerning the identification of resistance genotypes on Cucurbitaceae family in artificial infection conditions with cmv (<i>Cucumber mosaic virus</i>) - Mădălin CHIUOARU, Gheorghita HOZA, Dan MANAFU	239
The study of a perspective clone for obtaining white wines in Drăgășani vineyard - Sergiu Ștefan GORJAN	245
Serological and molecular respons of several apricot romanian varieties to the artificial infection of PPV (<i>Plum pox virus</i>) - Ligia ION, Dorel HOZA	249
Fruit and grape production in Serbia - Natasha KLJAJIĆ, Zorica SREDOJEVIĆ, Svetlana ROLJEVIĆ	253
Promoting a methodology for shortening the duration of creating genetic disease resistant apple tree cultivars - Valeria PETRE, Gheorghe PETRE	261
<i>Asimina triloba</i> (Pawpaw) germplasm in Romania – Florin STĂNICĂ	267
Flowering and pollination studies at some strawberry cultivars - Monica STURZEANU, Florin STĂNICĂ, Mihail COMAN	273
Research concerning the variability of the main characteristics of the dwarf bean pods at the local populations from east Romania - Eliza TEODORESCU, Neculai MUNTEANU, Costel VÎNĂTORU, Vasile STOLERU, Bianca ZAMFIR	277
Study of the main quantitative characters variability at common bean maura variety obtained at V.R.D.S. Buzău - Costel VÎNĂTORU, Eliza TEODORESCU, Bianca ZAMFIR	281

PLANT PRODUCTION SYSTEMS

Research of technology diversification of the culture of the carrot on soil brown- russets - Diana CHETREANU, Nicolae ATANASIU, Gabriela NEATĂ	287
Establishment of a technology in the nonconventional carrot culture on perlite layer - Diana CHETREANU, Nicolae ATANASIU	291

Researches regarding the behaviour of local echalotte onion populations in Prahova county in order to preserve the germplasm resources - Gheorgheța HOZA, Ruxandra GOGOT	295
Evolution of fruit physical and biochemical parameters of scab resistant apple varieties during storage - Iuliana ILIE, Florin STĂNICĂ	301
Influence of organo-mineral fertilizers on the productivity and efficiency of an apple scab resistant varieties orchard - Iuliana ILIE, Florin STĂNICĂ	309
The relationships between leaf area and other parameters in loquat - Mehtap ŞENYURT, Turan KARADENİZ, Tuba BAK	313
Loquat as a source of nectar and pollen in the winter for beekeeping - Turan KARADENİZ, Mehtap ŞENYURT, Tuba BAK	319
Researches regarding the productive and ornamental characteristics of vegetable growing in utilitarian gardens - Cosmin MIHAI, Gheorgheța HOZA	323

ORNAMENTAL PLANTS, DESIGN AND LANDSCAPE ARCHITECTURE

Updates brought by the new law regarding the regulation and management of green spaces in built-up areas - Valentina CHIPER (MIHALCEA), Alexandru-Marian CHIPER, Sorin-Mihai CÎMPEANU	331
Green roofs/roof gardens. Research on roof/terrace vegetalization; Vegetalization systems - Elisabeta DOBRESCU	337
Researches concerning the efficacy of <i>Trichoderma harzianum</i> T-22 fungus in prevent of soil pathogens in petunia seedlings - Mădălina DOLTU, Marian BOGOESCU, Dorin SORA	343
The effects of the crop's substrate and of the rooting stimulators on the internal structure of the vegetative organs of the geranium plant (<i>Pelargonium peltatum</i>) - Mihaela Ioana GEORGESCU, Diana VÎȘCĂ-ZAMFIR, Elena SĂVULESCU	347
Mites associated with parks and ornamental gardens in urban area - Bucharest - Cătălin GUTUE, Minodora GUTUE, Ioan ROȘCA	351
Romanian picnic regulation - the landscape sustainability gaps - Alexandru Paul LAZĂR-BÂRA	357
Recreational potential of Danube waterfront segment in Novi Sad - Radmila LAZOVIĆ, Marija BLAŠKOVIĆ	361
Livable urban spaces. public benches and the quality of daily life - Alexandru MEXI, Ioana TUDORA	367
Studies on the collection of roses in the “Dimitrie Brandza” botanical garden – Bucharest - Eduard Marius NEGULICI	377
Land art and agriculture - Violeta RĂDUCAN	381
Studies concerning the influence of some technological care upon the production, growing and blossoming of pelargonium peltatum plants - Florin TOMA, Sorina PETRA, Diana ZAMFIR-VASCA, Andreea PRICOPE	389

MISCELLANEOUS

Methodology for the evaluation of the preferences regarding wine and information needs of consumers - Arina Oana ANTOCE, Cătălin Florin PĂDURARU	397
---	-----

A 2011 survey of the wine preferences of romanian knowledgeable wine consumers - Arina Oana ANTOCE, Cătălin Florin PĂDURARU	403
An assessment of the information and training needs of romanian knowledgeable wine consumers - Arina Oana ANTOCE, Cătălin Florin PĂDURARU	411
Study of the possibility of discrimination by an electronic nose of Feteasca regala wines produced with neutral and aromatic yeasts - Arina Oana ANTOCE	419
Research regarding the cost of artificial playing surfaces in modern sport and evaluating the desso grassmaster system - David BIRCH, Lancelot BUTTERS ...	427
Assessment of loquat and its effects on human health - Tuba BAK, Turan KARADENİZ, Mehtap ŞENYURT, Tarık YARILGAÇ	433
The harmful fauna of pear in ecological conditions of Bucharest in 2012 - Iuliu CEAN, Mirela CEAN, Florin STĂNICĂ	437
Researches regarding the determination of optimal time for apricot harvesting by using the colour code – Lenuța CHIRA, Adrian CHIRA, Elena DELIAN, Constanța ALEXE, Elena SĂVULESCU	443
Studies regarding the implementation of food safety management system on tomato processed products - Adrian CHIRA, Lenuta CHIRA, Constanța ALEXE	447
A new refractometric methodology used to monitor fermentations - George A. COJOCARU, Arina Oana ANTOCE	451
Chemical and biochemical mechanisms of preservatives used in wine: a review - George A. COJOCARU, Arina Oana ANTOCE	457
Enzymatic bioprocessing of vegetable oils for the production of biodiesel - Alexandra GHIORGHITĂ, Gheorghe CÂMPEANU, Mircea POPESCU, Florentina ISRAEL, Gabriela NEATĂ	467
Influence of position within the terraces platform on some chemical components in case of three soil types in a high density apple orchard - Mihail IANCU, Adrian TEBEICĂ	473
Researches on wine moths flight captured on pheromone traps - Oana Ecaterina POPA	481
The swot analysis study on environmental protection level in Urziceni, Ialomița, in order to develop the sustainable development strategy - Ionuț PRAVĂȚ, Gheorghe CÂMPEANU	485
Studies regarding the wine consumption in germany and the perspective of increasing the romanian wine export on this market - Cristina VEITH, Ioan NĂMOLOȘANU	489