

SUMMARY

FRUIT GROWING

1. STUDIES CONCERNING THE SEROLOGICAL DETECTION ANALYSIS FOR THE PPV (PLUM POX VIRUS) ON SOME PEACH VARIETIES - **Florentina Maria DUMITRESCU, Dorel HOZA, Ligia ION** 11
2. TWENTY YEARS OF JUJUBE (*ZIZIPHUS JUJUBA* MILL.) RESEARCH IN ROMANIA - **Florin STĂNICĂ** 17
3. NEW TENDENCIES IN FRUIT TREES TRAINING AND ORCHARD PLANTING SYSTEMS - **Florin STĂNICĂ** 25
4. FRUIT SENSORIAL EVALUATION OF SOME KIWI HYBRID CULTIVARS (*ACTINIDIA* SP.) - **Lavinia - Mihaela ILIESCU, Florin STĂNICĂ, Andreea STAN** 35
5. INCIDENCE OF BACTERIAL DISEASE ON SOME APRICOT VARIETIES CULTIVATED IN BUCHAREST AREA - **Ionela Mihaela FLOREA, Florin Stănică, Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Elena MARDARE** 43
6. DETERMINATION OF GROWING DEGREE-DAY (GDD) VALUES: PISTACHIO (*PISTACIA VERA* L.) CASE - **Yusuf AYDIN, Ali YUCEL, Atilgan ATILGAN, Cagatay TANRIVERDI** 47
7. PRELIMINARY RESULTS REGARDING THE INFLUENCE OF SOME FOLIAR BIOLOGICAL TREATMENTS ON THE PRESERVING CAPACITY AFTER HARVESTING OF THE APRICOTS - **Cristina MOALE, Leinar ŞEPTAR, Ion CAPLAN, Constanta ALEXE, Adrian CHIRA, Mirela TITIŞINĂ** 57
8. THE EFFECT OF ABIOTIC FACTORS ON THE *IN VITRO* DEVELOPMENT OF *MONILINIA FRUCTIGENA* FUNGUS (ADERH. & RUHL.) HONEY, ISOLATED FROM THE APPLE - **Lucian CHIŢULESCU, Mali Sanda MANOLE, Elena DELIAN, Stelica CRISTEA** 63
9. ANTIOXIDANT CAPACITY, TOTAL PHENOLIC AND FLAVONOID CONTENT OF EDIBLE ROSE PETALS FROM ORGANIC PRODUCTION – **Ana Cornelia BUTCARU, Carmen Gabriela CONSTANTIN, Aurora DOBRIN, Florin STĂNICĂ** 69
10. EFFECTIVENESS OF TREATMENTS ON THE ATTACK OF *POLYSTIGMA RUBRUM* PATHOGENS AND *STIGMINA CARPOPHILA* ON PLUM IN SOIMARI LOCATION, PRAHOVA COUNTY - **Ioan ALEXANDRU, Stelica CRISTEA, Dorel HOZA** 79
11. STUDY OF MORPHOLOGIC CHARACTERISTICS OF SOME FRUITS LESS KNOWN IN ROMANIAN POMICULTURE - **Constantin PĂUN, Ligia ION** 83

12. BEHAVIOUR OF SOME NEW ROMANIAN PEAR DISEASE RESISTANT GENOTYPES CULTIVATED IN BUCHAREST AREA - Rareş Cosmin PÂNDARU, Ana Cornelia BUTCARU, Florin STĂNICĂ	87
--	----

VITICULTURE AND OENOLOGY

1. THE QUANTITATIVE AND QUALITATIVE POTENTIAL OF THE WINE GRAPE HARVEST IN RELATION WITH THE CLIMATE CHANGE - Liliana PÎRCĂLABU, Georgeta TUDOR, Marian ION, Cristian BURLACU	97
2. THE GRAPE MARC AS POTENTIAL SOURCE OF BIOLOGICALLY ACTIVE COMPOUNDS – MIHAI FRÎNCU, Răzvan Ionuţ TEODORESCU, Diana Iuliana BĂRBULESCU, Valerica TUDOR, Corina DUMITRACHE, Lucian Neluţu HÎRJOABĂ, Florentina MATEI	103
3. INSECT SPECIES DIVERSITY IN STEFANESTI VITICULTURAL CENTRE FROM ROMANIA - Diana Elena VIZITIU, Elena-Cocuţa BUCIUMEANU, Ionela-Cătălina GUŢĂ, Dorin Ioan SUMEDREA	109

VEGETABLE GROWING

1. EFFECTS OF ORGANIC FERTILIZERS ON THE GROWTH SEEDLINGS OF ASPARAGUS - Ovidiu MATEI, Hayder Adil Abdulrazzaq AL-KINANI, Aurora DOBRIN, Ovidiu Ionuţ JERCA, Elena Maria DRĂGHICI	117
2. SELECTIVITY OF SOIL HERBICIDES AT PUMPKINS - Nesho NESHEV, Mariyan YANEV, Anyo MITKOV, Marieta NESHEVA, Tonyo TONEV	123
3. THE EFFECT OF DIFFERENT SOWING DATES ON YIELD AND SOME AGRONOMIC CHARACTERISTICS OF CARROT (<i>DAUCUS CAROTA</i> L.) - Faika YARALI KARAKAN, Bekir Bülent ARPACI, Ayhan KILIÇ	129
4. WATER-YIELD RELATIONSHIP IN GRAFTED MELON - Ömer ÖZBEK, Harun KAMAN	135
5. ESTIMATION OF DISTINCTION IN SEED FORMATION AND PRODUCTIVITY IN DIFFERENT GENOTYPES OF TOMATILLO (<i>PHYSALIS IXOCARPA</i> BROTT.) - Nikolay PANAYOTOV	141
6. RESEARCHES CONCERNING THE BEHAVIOUR OF SOME CULTIVARS OF TOMATOES (<i>LYCOPERSICON ESCULENTUM</i> MILL.) IN VIDRA AREA, ILFOV COUNTY - Iuliana MÎNDRU, Marcel COSTACHE, Gabriela ŞOVĂREL, Ana-Emilia CENUŞĂ, Dorel HOZA, Stelica CRISTEA	149
7. “CAMELIA”, A NEW GENOTYPE OF <i>SOLANUM MELONGENA</i> L. OBTAINED AT V.R.D.S. BUZAU - Camelia BRATU, Florin STĂNICĂ, Costel VÎNĂTORU, Bianca MUŞAT (ZAMFIR)	155

8. RESULTS AND PERSPECTIVES IN *OCIMUM BASILICUM* (BASIL) BREEDING AT VEGETABLE RESEARCH AND DEVELOPMENT STATION BUZAU - **Costel VÎNĂTORU, Bianca MUȘAT (ZAMFIR), Camelia BRATU, Adrian PETICILĂ** 161
9. DETERMINATION OF PRODUCTIVITY AND CHLORINE CONCENTRATION IN SOME BEAN CULTIVATION, FROM THE REGION OF MOLDOVA, UNDER SALT STRESS - **Beatrice Alexandra MODIGA, Mihaela COVAȘĂ, Cristina SLABU, Alina Elena MARTA, Carmenica Doina JITĂREANU** 169

FLORICULTURE, ORNAMENTAL PLANTS, DESIGN AND LANDSCAPE ARCHITECTURE

1. CONTRIBUTIONS TO THE KNOWLEDGE OF SPONTANEOUS FLORA FROM THE PARK OF THE PELEȘ DOMAIN - **Ion TUCĂ, Mihaela Ioana GEORGESCU, Elisabeta DOBRESCU, Florin STĂNICĂ** 179
2. RESEARCH ON THE INFLUENCE OF THE AGE AND SIZE OF THE PLANTS ON GROWTH AND FLOWERING OF SOME CULTIVARS OF HERBACEOUS PEONY - **George Nicolae CAZAN, Sorina PETRA, Diana VÂȘCĂ-ZAMFIR, Florin TOMA** 185
3. RESEARCH ON THE PRODUCTION, BEHAVIOUR AND EVOLUTION IN TERMS OF GROWTH AND DEVELOPMENT OF SOME SUCCULENT PLANTS, IN ORIGINAL SUPPORT STRUCTURES - **Sorina PETRA, Florin TOMA, Cristina MĂNESCU, Mihaela GEORGESCU, Elisabeta DOBRESCU, Andreea BUNEA** 195

MISCELLANEOUS

1. ASPECTS REGARDING THE IMPLEMENTATION OF HACCP (HAZARD ANALYSIS AND CRITICAL CONTROL POINTS) SYSTEM ON THE „FOURTH GAME” HORTICULTURAL PRODUCTS - **Adrian CHIRA, Lenuța CHIRA, Elena DELIAN, Constanța ALEXE** 207
2. OBSERVATIONS RELATED THE LONG-EARED OWL (*ASIO OTUS* L.) FEEDING IN TOW HORTICULTURAL ECOSYSTEMS - **Cosmin Alexandru MIHAI, Florin STĂNICĂ** 213
3. DISTRIBUTION AND MORPHOLOGY ASPECTS OF EXTRAFLORAL NECTARIES IN *PRUNUS AVIUM* - **Vlad Ioan POPA, Ioana Mihaela GEORGESCU, Constantin Daniel POTOR, Dorel HOZA** 219

4. MORPHOLOGICAL AND ANATOMICAL STUDY OF *PSIDIUM GUAJAVA* LINN. (GUAVA) - A NEW FRUIT TREE AND MEDICINAL PLANT RESEARCHED IN ROMANIA - **Mariana TOMA (SINGH), Vasilica LUCHIAN** 223
5. SOME MORPHOLOGICAL AND ANATOMICAL PARTICULARITIES IN *VITEX AGNUS-CASTUS* L. SPECIE GROWN IN PROTECTED SPACE - **Elena SĂVULESCU, Mihaela Ioana GEORGESCU, Vasilica LUCHIAN, Vlad POPA** 233