

## CONTENTS

<b>Dragana Bjelić, Dušan Adamović, Jelena Marinković, Branislava Tintor, Nastasija Mrkovački</b> Possibility of achieving organic yields for medicinal and aromatic plants by biofertilization with <i>Azotobacter chroococcum</i> .....	3
<b>Saadet Koc Guler, Orhan Karakaya, Medeni Karakaya, Burhan Ozturk, Erdal Aglar, Tarık Yarılğac, Sefa Gün</b> Combined treatments of modified atmosphere packaging with aminoethoxyvinylglycine maintained fruit quality in sweet cherry throughout cold storage and shelf life .....	13
<b>Amal Bouallègue, Fatma Souissi, Issam Nouairi, Monia Souibgui, Zouhaier Abbes, Haythem Mhadhbi</b> Physiological and biochemical changes modulated by seeds' priming of lentil ( <i>Lens culinaris</i> L.) under salt stress at germination stage .....	27
<b>Esha Jangra, Kuldeep Yadav, Ashok Aggarwal</b> Arbuscular mycorrhizal fungal-associated bacteria affect mycorrhizal colonization, essential oil and plant growth of <i>Murraya koenigii</i> L. ....	39
<b>Barbara Marcinek, Marzena Parzymies, Monika Poniewozik, Danuta Kozak, Wojciech Durlak</b> The influence of growth regulators on dahlia propagation in tissue culture and acclimatization of plants in <i>ex vitro</i> conditions .....	49
<b>Sławomir Świerczyński, Marcin Kolasiński, Magdalena Urbaniak, Aleksander Stachowiak, Magdalena Rybus-Zajac</b> Influence of rootstock and grafting method on the grafts success and growth of <i>Cedrus deodara</i> (Roxb. ex Lamb.) 'Karl Fuchs' plants .....	63
<b>Zahra Karimian, Leila Samiei, Jafar Nabati</b> Alleviating the salt stress effects in <i>Salvia splendens</i> by humic acid application .....	73
<b>Marcela Krawiec, Andrzej Borowy, Katarzyna Dzida</b> Chemical and nonchemical control of weeds in the cultivation of lemon balm for seeds .....	83
<b>Romuald Doliński, Krzysztof Kowalczyk</b> Fast direct regeneration of plants from nodal explants of <i>Stevia rebaudiana</i> Bert. ....	95
<b>Katarzyna Dzida, Zenia Michalójć, Zbigniew Jarosz, Karolina Pitura, Natalia Skubij, Daniel Skubij, Marcela Krawiec</b> Effect of natural fertilization and calcium carbonate on yielding and biological value of thyme ( <i>Thymus vulgaris</i> L.) .....	105
<b>Mohammad Ahmadi, Mohammad Kazem Souri</b> Nutrient uptake, proline content and antioxidant enzymes activity of pepper ( <i>Capsicum annuum</i> L.) under higher electrical conductivity of nutrient solution created by nitrate or chloride salts of potassium and calcium .....	113

<b>Rahmatollah Gholami, Seyed Morteza Zahedi</b> Genotypic differences of olive in reproductive characteristics and fruit yield response to deficit irrigation .....	123
<b>Katarzyna Karczmarz, Agnieszka Szmagara, Elżbieta Anna Stefaniak</b> Ellagic acid content in selected wild species of fruit roses .....	131
<b>Anna Lisek, Jerzy Lisek</b> Assessment of genetic diversity and relationships among grapevine cultivars originating in Central and Eastern Europe and North America using ISSR markers .....	141
<b>Sevinç Kiran</b> Alleviation of adverse effects of salt stress on lettuce ( <i>Lactuca sativa</i> var. <i>crispa</i> ) by application of vermicompost .....	153
<b>Julė Jankauskienė, Aušra Brazaitytė, Viktorija Vaštakaitė Kairienė, Vytautas Zalatorius</b> Effects of peat and peat-zeolite substrates on quality, growth indices of cucumber seedlings and crop productivity .....	161
<b>Fusun Yurekli, Oguz A. Kirecci, Ilknur Celik</b> The effects of nitric oxide on some antioxidant enzyme activities under salt stress in sunflower plants ..	171
<b>Mirosława Cieślińska, Aneliya Borisova</b> Molecular characterization of ‘ <i>Candidatus Phytoplasma mali</i> ’ strains from Bulgaria and Poland .....	181
<b>Jelena Kalajdžić, Biserka Milić, Mladen Petreš, Aleksandra Stankov, Mila Grahovac, Nenad Magazin, Zoran Keserović</b> Postharvest quality of sweet cherry fruits as affected by bioregulators .....	189
<b>Aboubaker H. Brayek, Ranko R. Čabilovski, Klara M. Petković, Nenad P. Magazin, Dragan B. Čakmak, Maja S. Manojlovic</b> Efficiency of different methods and forms of microelements application in function of N fertilizer in apple trees .....	201
<b>Dumrul Gulen, Temine Sabudak, Hakime H. Orak, Hilmican Caliskan, Merve Ozer</b> Bioactive compounds, antibacterial and antifungal activities of two <i>Cirsium</i> species .....	213