

CONTENTS

Ertan Sait Kurtar The effects of anti-mitotic agents on dihaploidization and fertility in winter squash (<i>Cucurbita maxima</i> Duch.) and pumpkin (<i>Cucurbita moschata</i> Duch.) androgenic haploids	3
Harun Özer The effects of different seedling production systems on quality of tomato plantlets	15
Magdalena Rybus-Zajac, Jan Kubiś Nitrogen metabolism in cucumber cotyledons and leaves exposed to the drought stress and excessive UV-B radiation	23
Sevil Canturk, Birhan Kunter, Gulay Coksari Effects of kaolin and dicarboxylic acid based stress inhibitors on aroma composition of two table grape cultivars (<i>V. vinifera</i> L.)	37
Hacer Coklar, Mehmet Akbulut, Iliasu Alhassan, Şeyma Kirpitci, Emine Korkmaz Organic acids, sugars, phenolic compounds and antioxidant activity of <i>Malus floribunda coccinella</i> fruit, peel and flesh	47
Magdalena Simlat, Agata Ptak, Adam Kula, Agnieszka Orzel Assessment of genetic variability among raspberry accessions using molecular markers	61
Eriola Veselaj, Glenda Sallaku, Astrit Balliu Combined application of arbuscular mycorrhizae fungi and plant growth promoting bacteria improves growth and nutrient uptake efficiency of pea (<i>Pisum sativum</i> L.) plants	73
Dragan Nikolić, Jasmina Miljković, Vera Rakonjac, Ivana Radojević, Zorica Ranković-Vasić Inheritance and phenotypic correlations of agronomic traits in grapevine offsprings	87
Agata Goryluk-Salmonowicz, Aleksandra Orzeszko-Rywka, Monika Piórek, Hanna Rekosz-Burlaga, Adrianna Otlowska, Dariusz Gozdowski, Mieczysław Błaszczuk Plant growth promoting bacterial endophytes isolated from Polish herbal plants	101
Anna Baturo-Cieśniewska, Aleksander Łukanowski, Katarzyna Koczwara, Leszek Lenc Development of <i>Sclerotinia sclerotiorum</i> (Lib.) de Bary on stored carrot treated with <i>Pythium oligandrum</i> Drechsler determined by qPCR assay	111
Katarzyna Adamczewska-Sowińska, Joanna Turczuk Effects of plastic and biodegradable mulch films in field tomato cultivation	123
Anna Chmielowiec-Korzeniowska, Magdalena Ptaszek, Piotr Baryła, Tomasz Lipa, Mirosław Korzeniowski Possibilities of using chemical agents for the protection of <i>Gerbera jamesonii</i> against <i>Phytophthora cryptogea</i>	135

Marcin Wit, Piotr Ochodzki, Roman Warzecha, Piotr Goliński, Agnieszka Waškiewicz, Ewa Mirzwa-Mróz, Wojciech Wakuliński	
The risks of sweet corn and popcorn contamination by fumonisin FB ₁ produced due to <i>Fusarium verticillioides</i> infection	145
Marija Marin, Miroslav Novaković, Vele Tešević, Stoimir Kolarević, Branka Vuković-Gačić	
Comparison of the compositions, antimicrobial and antioxidant activities of essential oils from the endemic species <i>Thymus malyi</i> Ronninger and <i>Thymus lykæ</i> Degen et Jav.	157
Agnieszka Zawiślak, Magdalena Michalczyk	
Changes in quality indicators of minimally processed wrinkled rose (<i>Rosa rugosa</i> Thunb.) petals during storage	167
Vahid Tavallali	
Effect of iron nano chelate on antioxidant activity, polyphenolic contents and essential oil composition of <i>Portulaca oleracea</i> L.	179
Sakineh Pourranjbari Saghaiesh, Mohammad Kazem Souri	
Root growth characteristics of Khatouni melon seedlings as affected by potassium nutrition	191
Ulviye Kamburoglu Çebi, Recep Çakir, Sureyya Altintas, Aylin Guçlu Ozdemir	
Biometrical and biochemical properties of fruits of mini cucumber plants grown under various irrigation regimes in an unheated greenhouse	199