

## CONTENTS

<b>Anna Grzesiuk, Henryk Dębski, Katarzyna Oknińska, Danuta Koczkodaj, Magdalena Szwed, Marcin Horbowicz</b>	
Effect of root-zone glyphosate exposure on growth and anthocyanins content of radish seedlings .....	3
<b>Katarzyna Karczmarz, Barbara Marcinek</b>	
Impact of mineral oils on dynamics in the aphids presence and virus infection of tulips 'Leen van der Mark' cv. in the field cultivation .....	11
<b>Hanna Dorna, Yangyang Qi, Dorota Szopińska</b>	
The effect of acetic acid, grapefruit extract and selected essential oils on germination, vigour and health of carrot ( <i>Daucus carota</i> L.) seeds .....	27
<b>Suleyman Kizil, Hayrettin Dinc, Emel Diraz, Ozlem Toncer, Murat Kizil, Sengul Karaman</b>	
Effects of different harvest periods on essential oil components of <i>Lippia citriodora</i> Kunth under semi-arid climatic conditions and biological activities of its essential oil .....	39
<b>Samia Ben Mansour-Gueddes, Dhouha Saidana, Imed Cheraief, Marwa Dkhilali, Mohamed Braham</b>	
Biochemical, mineral and anatomical characteristics of the olive tree cv. Chetoui growing in several Tunisian areas .....	49
<b>Biljana Lazović, Tatjana Perović, Mirjana Adakalić</b>	
Fruit and endocarp properties in relation to intra-varietal morphological diversity of Montenegrin olive variety 'Žutica' .....	71
<b>Duygu Hacı, Muharrem Özcan</b>	
Effects of packaging and ozone treatments on quality preservation in purple figs .....	83
<b>Hanna Piekarska-Boniecka, Jolanta Zypych-Walczak, Marta Rzańska-Wieczorek, Duong Tran Dinh, Idzi Siatkowski</b>	
The number and abundance of Ichneumonidae (Hymenoptera, Apocrita) subfamilies occurring in apple orchards and on their edges .....	93
<b>M.E. Elsharnouby, Fahmy A.S. Hassan</b>	
Improvement of silymarin content in cell cultures of <i>Silybum marianum</i> by copper sulphate elicitor .....	105
<b>Zdenka Capakova, Petr Humpolicek, Jiri Mlcek</b>	
Effects of polyphenols on cell viability of selected varieties of grapes berries and pomace .....	115
<b>Krystyna Winiarczyk, Rafał Marciniak, Dorota Tchorzewska</b>	
Phenomenon of floral reversion in bolting garlic ( <i>Allium sativum</i> L.) .....	123
<b>Mirosława Chwil, Mikołaj Kostryco</b>	
Bioactive compounds and antioxidant activity of <i>Rubus idaeus</i> L. leaves .....	135

<b>Małgorzata Cegielko, Irena Kiecana, Elżbieta Mielniczuk, Agnieszka Waśkiewicz, Jan Bocianowski</b>	
The influence of spring barley grain ( <i>Hordeum vulgare</i> L.) infection by <i>Bipolaris sorokiniana</i> (Sacc.) Shoem. on the leaf infection and grain contamination by sterigmatocystin .....	149
<b>Moin Naiji, Mohammad Kazem Souri</b>	
Nutritional value and mineral concentrations of sweet basil under organic compared to chemical fertilization	167
<b>Édgar Pérez-Esteve, Andrzej Sałata, José M. Barat, Anna Stępniewska, Salvador López-Galarza, Renata Nurzyńska-Wierdak</b>	
Polyphenolic composition of Spanish cultivars of globe artichoke ( <i>Cynara cardunculus</i> L. var. <i>scolymus</i> (L.) Fiori) .....	177
<b>Andrzej Sałata, Marta Lemieszek, Marzena Parzymies</b>	
The nutritional and health properties of an oyster mushroom ( <i>Pleurotus ostreatus</i> (Jacq. Fr) P. Kumm.) .....	185