

## CONTENTS

<b>Samia Ben Mansour-Gueddes, Dhouha Saidana, Hayfa Jabnoun-Khiareddine, Ameni Bchir, Mejda Daami-Remadi, Mohamed Braham</b> Chemical composition and biological activities assessment of olive fruit volatiles from different varieties grown in Tunisia .....	3
<b>Nastaran Rashidi, Ramezan Ali Khavari-Nejad, Parvin Ramak, Sara Saadatmand</b> The effect of chitosan on gene expression, some morphological and physiological traits of sweet basil ( <i>Ocimum basilicum</i> L.) under salinity stress .....	21
<b>Madhia Ashraf, Syed R. Abbas, Sania Begum, Syed D.A. Gerdezi, Rizwan T. Khan</b> Agro-morphological characterization of <i>Brassica rapa</i> L. germplasm from Azad Jammu and Kashmir ...	31
<b>Tour Jan, Ikram Ullah, Bilal Muhammad, Tariq, Ali Mansoor, Zaheer Ullah, Muhammad Asif Nawaz</b> Efficient <i>in vitro</i> propagation of <i>Amaranthus viridis</i> L. using node explants .....	41
<b>Seyedeh Nastaran Hosseini Darvishani, Esmaeil Chamani, Vali Ollah Ghasemi Omran, Behrouz Esmailpour, Yasser Yaghoubian</b> <i>In-vitro</i> physiochemical responses of <i>Viola odorata</i> plant to combined salt and drought stress .....	53
<b>Turgay Kabay</b> Effects of different potassium doses on growth and development of drought-sensitive bean plants .....	63
<b>Elżbieta Patkowska</b> Soil-borne microorganisms threatening carrot cultivated with the use of cover crops .....	71
<b>Demir Kok, Erdinç Bal</b> A comparative study on effects of reflective mulch as an alternative to some other preharvest applications to improve phenolic compounds profile and anthocyanin accumulation of cv. Syrah wine grape ( <i>V. vinifera</i> L.) .....	87
<b>Soner Kazaz, Tuğba Kılıç, Elçin Gözde Ergür Şahin</b> Extending the vase life of cut hydrangea flowers by preservative solutions .....	95
<b>Monika Grzeszczuk, Aneta Wesołowska, Anna Stefaniak</b> Biological value and essential oil composition of two <i>Monarda</i> species flowers .....	105
<b>Halina Buczkowska, Renata Nurzyńska-Wierdak</b> Fruiting of melon ( <i>Cucumis melo</i> L.) grown organically on mulched soil .....	121
<b>Muttalip Gundogdu, Selma Kuru Berk, Kenan Yıldız, İhsan Canan, Sezai Ercisli, Selma Tuna</b> Effect of methyl jasmonate application on bioactive contents and agro-morphological properties of strawberry fruits .....	133
<b>Kamile Ulukapi, Ayse Gul Nasircilar, Sevinç Şener, Koksal Aydinsakir</b> Alleviation of drought stress in <i>Phaseolus vulgaris</i> L. cultivars using phytostimulators in organic agriculture .....	143