

## CONTENTS

XINGFENG SHAO, SHIFENG CAO and SHUBING CHEN: Effects of hot water and sodium bicarbonate treatments, singly or in combination, on cracking, residual procymidone contents, and quality of mature red cherry tomato fruit .. .. .	89-94
M.C. DOMINGUEZ-GARCIA, M. LAIB, R. DE LA ROSA and A. BELAJ: Characterisation and identification of olive cultivars from North-eastern Algeria using molecular markers.. ..	95-100
MAIKE KRAMER, GEBHARD BUFLER, THOMAS NOTHNAGEL, REINHOLD CARLE and DIETMAR ROLF KAMMERER: Effects of cultivation conditions and cold storage on the polyacetylene contents of carrot ( <i>Daucus carota</i> L.) and parsnip ( <i>Pastinaca sativa</i> L.) .. .. .	101-106
J. PANIGRAHI and R.R. MISHRA: Identification of sex in spiny gourd ( <i>Momordica dioica</i> ) using RAPD marker analysis and its validation in four F <sub>1</sub> progenies .. .. .	107-112
Q. XU, Y.L. GENG, X.H. QI and X.H. CHEN: Genetic analysis of the five major aromatic substances in cucumber ( <i>Cucumis sativus</i> L.) .. .. .	113-116
V. OGNJANOV, M. LJUBOJEVIĆ, J. NINIĆ-TODOROVIĆ, D. BOŠNIAKOVIĆ, G. BARAĆ, J. ČUKANOVIĆ and E. MLADENOVIĆ: Morphometric diversity in dwarf sour cherry germplasm in Serbia .. ..	117-122
PHILIP J. WHITE, MARTIN R. BROADLEY, JOHN P. HAMMOND, GAVIN RAMSAY, NITHYA K. SUBRAMANIAN, JACQUELINE THOMPSON and GLADYS WRIGHT: Bio-fortification of potato tubers using foliar zinc-fertiliser .. .. .	123-129
NOBUYUKI FUKUOKA, TAKAMOTO SUZUKI and YUKUNOBU YAMADA: Changes in polyphenol biosynthesis induced in <i>Gynura bicolor</i> DC. leaves by infrared irradiation .. .. .	130-136
S. SINGH, S.R. SHARMA, P. KALIA, R. DESHMUKH, V. KUMAR, P. SHARMA and T.R. SHARMA: Molecular mapping of the downy mildew resistance gene <i>Ppa3</i> in cauliflower ( <i>Brassica oleracea</i> var. <i>botrytis</i> L.) .. .. .	137-143
QING-ZHONG LIU, CHAO GU, XIAO-JUAN ZONG and JIA-WEI WANG: Frequency and distribution of <i>S</i> -alleles in a native population of Chinese cherry ( <i>Prunus pseudocerasus</i> Lindl.) .. ..	144-148
X.H. QI and M.F. ZHANG: Molecular phylogenetic studies on members of the <i>Brassica</i> and <i>Raphanus</i> genera based on the nuclear ribosomal internal transcribed spacer, the chloroplast <i>trnL</i> intron, <i>trnL-F</i> , and cpSSRs .. .. .	149-156
A. SØNSTEBY, N. OPSTAD and O.M. HEIDE: Effects of summer temperature on growth and flowering in six black currant cultivars ( <i>Ribes nigrum</i> L.) .. .. .	157-164
SHENG-LI ZHAO, JIAN-XUN QI, CHAO-RUI DUAN, LIANG SUN, YU-FEI SUN, YAN-PING WANG, KAI JI, PEI CHEN, SHENG-JIE DAI and PING LENG: Expression analysis of the <i>DkNCED1</i> , <i>DkNCED2</i> and <i>DkCYP707A1</i> genes that regulate homeostasis of abscisic acid during the maturation of persimmon fruit .. .. .	165-171
H.E.M. ZAKI, Y. TAKAHATA and S. YOKOI: Analysis of the morphological and anatomical characteristics of roots in three radish ( <i>Raphanus sativus</i> ) cultivars that differ in root shape .. .. .	172-178
S. CHAUDHARY, R. PANDEY, B.N. TRIPATHI, R. GOEL and S. KUMAR: Detection and mapping of quantitative trait loci for the contents of the terpenoid indole alkaloids, vindoline and catharanthine, in the leaves of <i>Catharanthus roseus</i> using bulk segregant analysis .. ..	179-185
D.C. LAKSHMANA REDDY, V. RADHIKA, A. BHARADWAJ, K.S. KHANDAGALE and C. ASWATH: miRNAs in brinjal ( <i>Solanum melongena</i> ) mined through an <i>in silico</i> approach .. .. .	186-192