

## CONTENTS

I. STAIKIDOU and C. SELBY: Effects of growth regulators and activated charcoal on <i>in vitro</i> bulblet multiplication and growth in <i>Galanthus nivalis</i> 'Flore Pleno' .. .. .	527-530
C.F. LOUIS, N.R.S. RAJ and P.M. RADHAMANY: Identification and characterisation of incompatibility factors in <i>Hamelia patens</i> Jacq. (Rubiaceae) .. .. .	531-538
Y. MATSUMOTO and M. MIYAGI: Chromosomal location and mode of inheritance of a gene conferring resistance to fusarium wilt in <i>Cucumis anguria</i> L. .. .. .	539-544
J. GIRONA, M.H. BEHBOUDIAN, M. MATA, J. DEL CAMPO and J. MARSAL: Effect of hail nets on the microclimate, irrigation requirements, tree growth, and fruit yield of peach orchards in Catalonia (Spain) .. .. .	545-550
A. LUVISI, A. PANATTONI, R. BANDINELLI, E. RINALDELLI, M. PAGANO and E. TRIOLO: Microchip-based system for supporting a certification scheme for olive trees .. .. .	551-556
J. WU, Y. ZHANG, N. WU, H. ZHANG, L. JIAO, K. MATAND and J. LU: Identification and expression analysis of cold-regulated genes in <i>Vitis amurensis</i> Rupr. cv. Zuoshan-1 .. .. .	557-564
R.E. WILSDORF, K.I. THERON and E. LÖTZE: Evaluating the effectiveness of different strategies for calcium application on the accumulation of calcium in apple ( <i>Malus × domestica</i> Borkh. 'Braeburn') fruit .. .. .	565-570
L.Q. LIU, Y. DONG and J.F. GUAN: Effects of nitric oxide fumigation on post-harvest core browning in 'Yali' pear ( <i>Pyrus bretschneideri</i> Rehd.) during cold storage .. .. .	571-576
T. JACYNA, J. BARNARD and M. WIELGUS: Immediate and residual effects of prohexadione-calcium, with or without ethephon, applied in a low-pH solution on vegetative and reproductive growth of sweet cherry trees ( <i>Prunus avium</i> L.) .. .. .	577-582
R. PESCADOR, G.B. KERBAUY, H.P.F. FRAGA, R.M. HAMASAKI, L.B.B. TAVARES and M.P. GUERRA: Dynamics of free and <sup>3</sup> H-labelled glutamine concentrations during zygotic and somatic embryogenesis of Feijoa [ <i>Acca sellowiana</i> (O. Berg.) Burret] .. .. .	583-587
PAUL T. LYNCH, GRAHAM R. SOUCH and KEITH HARDING: Effects of post-harvest storage of <i>Allium sativum</i> bulbs on the cryopreservation of stem-discs by encapsulation/dehydration .. .. .	588-592
KEISHAM MERITA, JOSEPH JOHN KATTUKUNNEL, SHRIRANG RAMCHANDRA YADAV, KANGILA VENKATARAMANA BHAT and SATYAWADA RAMA RAO: Chromosome counts in wild and cultivated species of <i>Abelmoschus</i> Medikus. from the Indian sub-continent .. .. .	593-599
YAOSHENG WANG, FULAI LIU and CHRISTIAN RICHARDT JENSEN: Comparative effects of partial root-zone irrigation and deficit irrigation on phosphorus uptake in tomato plants .. .. .	600-604
U. SAINI, D. KAUR, A. BHATTACHARYA, S. KUMAR, R.D. SINGH and P.S. AHUJA: Optimising parameters for biolistic gun-mediated genetic transformation of tea [ <i>Camellia sinensis</i> (L.) O. Kuntze] .. .. .	605-612
F. ZHANG, J. JIANG, S. CHEN, F. CHEN and W. FANG: Detection of quantitative trait loci for leaf traits in chrysanthemum .. .. .	613-618
DAVID L. EHRET, BRENDA FREY, TOM HELMER, ASAPH AHARONI, ZHONGHUA WANG and REINHARD JETTER: Fruit cuticular and agronomic characteristics of a <i>lecer6</i> mutant of tomato .. .. .	619-625
ASHRAF SH. OSMAN and MOSTAFA M. RADY: Ameliorative effects of sulphur and humic acid on the growth, anti-oxidant levels, and yields of pea ( <i>Pisum sativum</i> L.) plants grown in reclaimed saline soil .. .. .	626-632
E. GIOSEFFI, F. GIUFFRIDA, C. LEONARDI and A. DE NEERGAARD: Form and development of nitrogen in plant waste extracts, effects of papain on nitrogen transfer and the use of extracts for lettuce fertigation .. .. .	633-639
SEUNG HO JUNG, MIN JEONG HONG, DAE YEON KIM, JAE YOON KIM, JE HYEONG JUNG and YONG WEON SEO: Molecular characterisation of the Cu/Zn superoxide dismutase gene ( <i>ZjSOD1</i> ) induced by salt stress in <i>Zoysia japonica</i> .. .. .	640-646
A.U. REHMAN, R.J. MAILER, A. BELAJ, R. DE LA ROSA and H. RAMAN: Microsatellite marker-based identification of mother plants for the reliable propagation of olive ( <i>Olea europaea</i> L.) cultivars in Australia .. .. .	647-653
J.R. LUO, M.S. RAMANNA, P. ARENS, L.X. NIU and J.M. VAN TUYL: GISH analyses of backcross progenies of two <i>Lilium</i> species hybrids and their relevance to breeding .. .. .	654-660
L. TIAN, H.F. JIA, C.L. LI, P.G. FAN, Y. XING and Y.Y. SHEN: Sucrose accumulation during grape berry and strawberry fruit ripening is controlled predominantly by sucrose synthase activity .. .. .	661-667
J. KARSTEN, F.L. FINGER, J.G. BARBOSA and D.V. CHAVES: Characterisation of peroxidase activity in bird-of-paradise ( <i>Strelitzia reginae</i> Ait.) stems .. .. .	668-672
F. NEJATZADEH-BARANDOZI, M.R. NAGHAVI, M.E. HASSANI, Y. MOSTOFI, A. MOUSAVI and S. TAHMASEBI ENFERADI: Diversity of Iranian aloe ( <i>Aloe vera</i> L.) genotypes based on aloenin contents and some morphological traits .. .. .	673-677