

RESEARCH PAPERS

K. Kakar, T.D. Khanh, Ramin Rayee and T.D. Xuan (Japan). Allelopathic potential of mutant rice varieties and its relation with grain quality	107
J.V.B. Calvelli, V.M. Betelli, D.V.B. Braga, R.G. Bastos, A.R. Cunha Neto, W. Vilegas, M.J.D. Silva, M.A. da Silva, G.A. da Silva and S. Barbosa (Brazil). Phytochemical characterization and bioherbicide potential of <i>Duranta erecta</i> L.	123
Xiao Liu, Yuhua Sun, Chao You, Di Wu, Longfeng Gong and Jichen Xu (China). Allelopathic effects of <i>Zelkova schneideriana</i> Hand. Mazz root exudates on growth of rape, wheat, maize and tall fescue	137
Parveen Kaur and P. Leela (India). Effects of <i>Azadirachta indica</i> leaf extract on growth and development of <i>Oryza sativa</i> (L.) and <i>Zea mays</i> (L.)	147
S. Kamala Bai, Sindhu, K.K. G. Avinash, and B.V. Krishnamurthy (India). Allelopathic potential of <i>Alternanthera philoxeroides</i> (Mart.) Griseb on growth and development of <i>Eichhornia crassipes</i> (Mart) Solms	159
Anupam Sekhon, Narpinderjeet Kaur Dhillon and Harwinder Singh Buttar (India). Alleviating the stress of <i>Meloidogyne graminicola</i> and <i>Drechslera oryzae</i> pathogens with nitrogen application in direct seeded and transplanted rice	171

HEALTH SCIENCE

P. Jain, R. Mishra, A. Debnath and S. Sharma (India). Potential of <i>Azadirachta indica</i> A.Juss., <i>Eucalyptus globulus</i> Labill, and <i>Ocimum sanctum</i> L. Phytochemicals as Herbal Hand Sanitizer: A Review	183
Chandana Majee, Rupa Mazumder and Alka N. Choudhary (India). Antioxidant and hepatoprotective potentiality of <i>Trapa natans</i> L. leaf extract in liver damage	201
Shilajit Das, Avijit Mazumder, Bhavani Pentela, Saumya Das and Roma Ghai (India). Department of Pharmacology, Noida Institute of Engineering and Technology (India). Phytochemical components in <i>Datura metel</i> plant and their therapeutic properties	209