

Contents

S. No.	Title	Page No.
Research Articles		
1.	Identification of plus trees through morpho-biochemical characterization in tamarind (<i>Tamarindus indica L.</i>) Mrithyunjay Nandakumar, A. C. Asna, Jalaja S Menon, J. S. Minimol and Jiji Joseph	01-11
2.	Studies on changes in the cellular pattern of cryopreserved explants of <i>Saccharum spp</i> and sugarcane cultivar C. Jayabose, V. Anusheela, M. Prabakaran, C. Shreelakshmi, D. Neelamathi, R. Valarmathi and. V. Raffee Viola	12-23
3.	Development of multiple disease resistant pre-breeding lines through interspecific hybridization between greengram (<i>Vigna radiata</i>) and ricebean (<i>Vigna umbellatta</i>) P. Jayamani, S. Anandhinatchiar and L. Karthiba	24-31
4.	Stability analysis for seed yield and its attributing traits in advanced breeding lines of blackgram [<i>Vigna mungo (L.) Hepper</i>] Namrata Dwivedi, Lekharam, Sushma Tiwari, Dinkar and Manoj Kumar Tripathi	32-37
5.	Genetic evaluation of climate resilient sugarcane clones under waterlogged condition K. Karthik, S. Rakshitha and D. N. Kamat	38-45
6.	Rice kernel morphometrics: Exploring the physical dimensions of indigenous traditional landrace diversity through physio metric studies S. Manju Devi, M. Raveendran, R. Pushpam, S. Muthuramu, R. Pushpa, N. Sritharan, R. Suresh and A. John Joel	46-56
7.	Multivariate analysis and multitrait genotype-ideotype distance index (MGIDI) for selection of promising genotypes under drought stress in post rainy sorghum (<i>Sorghum bicolor L. Moench</i>) R. Karthik and N. G. Hanamaratti	57-69
8.	Assessment of elite Indian wheat genotypes for drought tolerance Divya Ambati, Rahul M Phuke, JB. Singh, SV. Sai Prasad and Sanjay Parihar	70-78
9.	Selection of high-yielding and stable sugarcane (<i>Saccharum spp.</i> hybrids) clones across diverse seasons using WAASB and MGIDI methods D. Adilakshmi, P. V. Padmavathi, D. Purushotama Rao and Ch. Mukunda Rao	79-86
10.	AMMI analysis of G × E interaction and identification of fodder cowpea genotypes for phosphorus deficient condition J. S. Suvalra Das, Swarnalata Das, Dayanidhi Mishra, Kailas Samal, Manasi Dash, Rajkumari Bhol and Sourav Ranjan Nanda	87-95

Research Notes

11.	Assessment of genetic variability for intraspecific hybrid derived from muskmelon and Mangalore melon (Arka Siri × SS-17) Virupakshi Hiremata, Ratnakar Shet, Raghavendra Gunnaiah and A. Prashantha	96-102
12.	Genetic variability studies in selected genotypes of khirni (<i>Manilkara hexandra</i>) Shashwat P. Mahalle, U. A. Raut, G. G. Jadhav, S. G. Bharad, A. D. Ingole and N. A. Khairkar	103-109
13.	Harnessing heterosis in eggplant (<i>Solanum melongena L.</i>) Harshita Thota and I. R. Delvadiya	110-120
14.	Assessment of combining ability for seed yield and component traits in Indian mustard (<i>Brassica juncea L.</i>) Ashok Kumar Meena, S. S. Rajput, M. L. Jakhar and Sandhya	121-126
15.	Multivariate insights into selection Indices of farmers' pea (<i>Pisum sativum var. arvense L.</i>) varieties from Vindhyan zone, Uttar Pradesh Ruchi Bishnoi, Shailesh Marker, Preeti Bassar, Rutvik J Joshi and Jogender Beniwal	127-132
16.	Assessment of combining ability and genetic parameters for yield and fiber traits in upland cotton (<i>Gossypium hirsutum L.</i>) using Line × Tester analysis B. Aishwarya, B. R. Patil, R. S. Patil, M. G. Hegde and M. S. L. Rao	133-142