

CONTENT

GENETICS AND BREEDING

Assessment of the Physical, Chemical, Yield and Nutritional Quality Traits of Tropical, Temperate and Wild Dry Bean Species in Vietnam

P.T.T. Ha, T.T.M. Hiep, H.N. Thai, N.T. Liem, D.T.K. Thuy, R.J. Henry

1413

Prioritization of Microsatellite Markers Linked with Drought Tolerance Associated Traits in Chickpea (*Cicer arietinum* L.)

Prakash N. Tiwari, Sharad Tiwari, Swapnil Sapre, Anita Babbar, Niraj Tripathi,

Sushma Tiwari, Manoj Kumar Tripathi

1422

Complete Chloroplast Genome and Comparative Analysis of *Entada phaseoloides* (Fabaceae)

Tingting Hu, Si Chen, Pei Xu, Daoyuan Zhou, Qingsong Zhu

1431

Genetic Diversity Analysis of Groundnut Germplasm Lines in Respect to Early and Late Leaf Spot Diseases and Biochemical Traits

Madhurjit Singh Rathore, Sushma Tiwari, M.K. Tripathi, Neha Gupta, Sunil Yadav,

Sangeeta Singh, R.S. Tomar

1439

BIOTECHNOLOGY AND PHYSIOLOGY

Drought-induced Changes in the Antioxidant System in *Pisum sativum* L.

Petrović Gordana, Živanović Tomislav, Nikolić Zorica, Vasiljević Sanja,

Milošević Dragana, Stanislavljević Nemanja, Samardžić Jelena

1445

Scanning Electron Microscopy and Morpho-Physiological Features Imparting Differential Tolerance to Pre-harvest Sprouting (PHS) in Mungbean [*Vigna radiata* (L.) Wilczek]

P.S. Rao, T.Y. Madhullette, R. Ankaiah

1453

Appraisal of Salt Sensitivity among Elite Genotypes of Chickpea (*Cicer arietinum* L.) At Seedling Stage

S. Devi, N. Kumar, A.K. Chhabra, D.K. Janghel, R. Sunil, Preeti, Priyanka, Manish Jangra

1460

AGRONOMY

Prediction of Field Performance of Seed Lots of Groundnut (*Arachis hypogaea* L.) through Vigour Tests

N.K. Biradarpatil, Smayli Rana, Shivasharanappa S. Patil

1467

Maximization of Nutrient use Efficiency and Yield through Application of Biofertilizers in Field Pea (*Pisum sativum* L.)

R.K. Singh, S.R.K. Singh, Narendra Kumar, A.K. Singh

1475

Effect of Gypsum, Nitrogen and Phosphorus on Growth, Yield and Quality of Spring Groundnut

Akashdeep Singh Brar, S.S. Manhas

1483

Bio-inoculated Nutrient Management Influence on Soil Nutrient Availability Pattern and Growth of Hybrid Pigeonpea (ICPH 2740) under Establishment Methods and Crop Geometry <i>Bathula Venkatesh, M. Malla Reddy, Gajanan Sawargaonkar, Ch. Sarada, B. Padmaja, S. Gopalakrishnan, K. Pavan Chandra Reddy, Y.S. Parameswari</i>	1490
Balanced Fertilization for Sustainable Yield and Quality of Peanut (<i>Arachis hypogaea L.</i>) in Sandy Soil of Central Vietnam <i>T.S. Trinh, T.T.H. Hoang, D.T. Do, T.D. Tran, T.A.T. Tran, T.M. Vu, M. Intizar-ul-Hassan, H. Rehman</i>	1496
PLANT PROTECTION	
Exploration of the Potential of <i>Bacillus</i> spp. as an Antagonist and PGPR against Stem and Pod Rot of Groundnut <i>Gururaj Sunkad, Khadarbi, Meghana S. Patil, Ranjana Joshi</i>	1501
Synergism of Plant Oils with Different Insecticides against Pod Borer, <i>Helicoverpa armigera</i> (Hubner) Hardwick Infesting Chickpea <i>K.D. Shah, D.M. Jethva, M.K. Ghelani, M.F. Acharya</i>	1510
Synthesizing Nanoencapsulated Sulfentrazone Herbicide and Optimizing Time and Dose for Season Long Weed Management in Irrigated Blackgram (<i>Vigna mungo L.</i>) <i>Vikram Kannamreddy, C.R. Chinnamuthu, S. Marimuthu, C. Bharathi</i>	1518
Genetics of Cercospora Leaf Spot Resistance in Mungbean [<i>Vigna radiata</i> (L.) Wilczek] through Generation Mean Analysis <i>Priyanka Choudhary, Ramesh Chand, Anil Kumar Singh</i>	1526
Identification of Sources of Resistance and Yield Loss Assessment for Aerial Blight and Anthracnose/Pod Blight Diseases in Soybean <i>Pawan K. Amrate, M.K. Shrivastava, Gyanendra Singh</i>	1534
Generation Mean Analysis for Yield, its Components and MYMV Disease Resistance in Greengram [<i>Vigna radiata</i> (L.) Wilczek] <i>A.J. Nainu, K. Vadivel, S. Murugan, N. Senthil Kumar</i>	1541
Impact of Abiotic Factors on Population Fluctuation of Major Pod Borers in Black Gram under Western U.P. Conditions <i>Abhishek Yadav, Gaje Singh, Hem Singh, Mayank Chaudhary, M.P. Gautam, Gajendra Singh, Tara Yadav, Amit Yadav</i>	1547
 Esteemed Reviewers of This Issue	1552
Authors Index of This Issue	1552-1553
Keywords Index of This Issue	1553-1554