

CONTENT

Page No.

REVIEW

- Natural Cross-pollination is Both a Boon and Bane for Pigeonpea Breeders
Rafat Sultana, K.B. Saxena 493

GENETICS AND BREEDING

- Cytogenetic Diversity and Characterization of *Vicia sativa* Subspecies
Berk Benlioglu 501

- Assessment of Somaclonal Variations in Embryo-derived Axillary Shoots of Chickpea using Molecular Markers
S.S. Alghamdi, H.M. Migdadi, M.A. Khan, E.H. El-Harty, Y.H. Dewir 508

- Field-based Screening and Haplotyping of *J* Locus for Long Juvenile Trait in Tropical Soybean Genotypes
Enoch Sapey, Yudong Fang, Dalia Mohamedkheir Khojely, Wenwen Song, Bingjun Jiang, Shan Yuan, Shi Sun, Tianfu Han 515

- Determination of Genetic Parameters of Seed Characteristics in Edible Soybean
Apri Sulisty, Purwantoro, Made Jana Mejaya, Novita Nugrahaeni, Suhartina 522

AGRONOMY

- Effect of Liquid and Charcoal Based Consortium Biofertilizers Amended with Additives on Growth and Yield in Chickpea (*Cicer arietinum* L.)
Anjali, Poonam Sharma, Sharon Nagpal 527

- Seed Hardening, Foliar Spraying and Their Combined Effect on Dry Matter Partitioning in Green Gram (*Vigna radiata* L.)
R.S. Bhadane, K.R. Prajapati, G.B. Patil, D.B. Patel 539

- Efficacy of Magnetic Water and Methanol on Agronomic Traits of Soybean (*Glycine max* L.)
A. Fatehi, B. Pasari, A. Rokhzadi 549

- Influence of Different Sources of Plant Nutrients on Soil Fertility, Nutrient Uptake and Productivity of Soybean under Vertisols
Narendra Kumawat, S.C. Tiwari, K.S. Bangar, U.R. Khandkar, Awani K. Ashok, R.K. Yadav 556

- Effect of Integrated Nutrient Management on Seed Vigour Potential of Fenugreek (*Trigonella foenum-graecum* L.) during Ambient Storage
Ovais Hamid Peerzada, V.S. Mor, O.S. Dahiya 562

- Pod Positions on the Plant Associated with Pod Shattering Resistance in Soybean Genotypes
A. Krisnawati, A. Soegianto, B. Waluyo, M.M. Adie, M.J. Mejaya, Kuswanto 568

| | |
|--|-----|
| Effect of Different Sowing Dates and Timings of Last Cut on Yield Attributes and Seed Yield of Berseem (<i>Trifolium alexandrinum</i> L.) | 574 |
| <i>Surinder Singh, Kanwaljit Singh, Tarandeep Kaur</i> | |

PLANT PROTECTION

| | |
|--|-----|
| Cropping Systems of Fenugreek with Faba Bean to Reduce Broomrape Infestation | 579 |
| <i>Sherif Ibrahim Abdel-Wahab, Eman Ibrahim Abdel-Wahab</i> | |

| | |
|---|-----|
| Effect of Seed Biopriming with Indigenous PGPR, <i>Rhizobia</i> and <i>Trichoderma</i> sp. on Growth, Seed Yield and Incidence of Diseases in French Bean (<i>Phaseolus vulgaris</i> L.) | 593 |
| <i>Shivangi Negi, Narender K. Bharat, Manish Kumar</i> | |

| | |
|---|-----|
| Resistance Level of Mung Bean Genotypes to Pod Borer <i>Maruca testulalis</i> Geyer | 602 |
| <i>Sri W. Indiati, Ratri T. Hapsari, Yusmani Prayogo, Sholihin, Titik Sundari, Made J. Mejaya</i> | |

SHORT COMMUNICATION

| | |
|---|-----|
| Temporal Availability of Phosphorus and Sulphur in Acid Inceptisol as Influenced by Graded Application of P and S under Black Gram (<i>Vigna mungo</i> L. Hepper) Production | 608 |
| <i>Basant Tamang, Sanjay-Swami</i> | |

| | |
|----------------------------------|---------|
| Esteemed Reviewers of This Issue | 613 |
| Authors Index of This Issue | 613-614 |
| Keywords Index of This Issue | 614 |