

CONTENT

Page No.

REVIEW

- Molecular Markers for Powdery Mildew in Pea (*Pisum sativum* L.): A Review
Reginah Pheirim, Noren Singh Konjengbam, Mayurakshee Mahanta 399

GENETICS AND BREEDING

- Study of Genetic Divergence for Yield and Quality Traits in Cowpea [*Vigna unguiculata* (L.) Walp.]
Sanjeev Vaggar, Udit Kumar, K. Prasad, L.M. Yadav, Pramila, B.M. Sinha 410

PLANT PHYSIOLOGY AND BIOCHEMISTRY

- Effect of Rhizobacteria and Microalgae Treatments on Some Physiological and Biochemical Parameters of Fenugreek (*Trigonella foenum-graecum* L.) Grown under Drought Stress
M.S. Yolci, R. Tunçtürk, M. Tunçtürk, Ş. Ceylan, Y.E. Arvas 415

- Studies on the Effect of Water Stress on Root Traits in Green Gram Cultivars
Geetha Amarapalli 422

- Antioxidant Responses of Ricebean [*Vigna umbellata* (Thunb.) Ohwi and Ohashi] Seedling under Iso-osmotic Potential of Salinity and Drought Stress
Kousik Atta, Jahnavi Sen, Pravachan Chettri, Anjan Kumar Pal 429

AGRONOMY

- Effect of Seed Priming and Foliar Spraying of PGRs on Morpho-Physiology, Growth and Yield in Green Gram (*Vigna radiata* L.)
R.S. Bhadane, K.R. Prajapati, K.C. Ombase, D.B. Patel 435

- Trade-offs in Root and Shoot Growth in Forage Pea [*Pisum sativum* (L.) arvense] with Foliar Applications of Synthetic Elicitor DPMP (2,4-Dichloro-6-{{E}}-[(3-Methoxyphenyl) Imino] Methyl} Phenol) and SA (Salicylic Acid)
Y. Bektas 445

- Modelling and Forecasting of Pulses Production in South Asian Countries and its Role in Nutritional Security
Yashpal Singh Raghav, Pradeep Mishra, Khder Mohammed Alakkari, Monika Singh, Abdullah Mohammad Ghazi Al Khatib, Ritisha Balloo 454

- Yield Enhancement of Pigeonpea [*Cajanus cajan* (L.) Millsp.] through Drip Irrigation and Fertigation Management
G.D. Gadade, D.N. Gokhale, A.S. Kadale 462

- Effects of Plant Population Density on the Growth, Survival Rate and Yield of Common Beans (*Phaseolus* spp.) Cultivated under Tropical Climate
Laurence Shiva Sundar, Asneel Ashesh Lal 469

| | |
|---|---------|
| Study on Yield Sustainability and Water Productivity of Groundnut on Farmers' Fields through Improved Technology under Hyper Arid Partially Irrigated Zone of Rajasthan <i>M.L. Reager, Upendra Kumar, Deepak Chaturvedi, B.S. Mitharwal, C.K. Dotaniya, S.B. Aher</i> | 475 |
| Effect of Crop Establishment Methods and Weed Management Practices on Productivity and Profitability of Clusterbean under Semi-arid Region of Rajasthan <i>O.P. Meena, Vipin Kumar, S.K. Jain, M.R. Yadav, B.R. Meena, Ravi Kumar Meena, Saroj Kumari Yadav</i> | 481 |
| Effect of Plant Growth Promoting <i>Bacillus</i> spp. on Germination and Seedling Growth of Soybean <i>D. Miljaković, J. Marinković, G. Tamindžić, V. Đorđević, M. Ignjatov, D. Milošević, Z. Nikolić</i> | 487 |
| Increasing Productivity of Lentil (<i>Lens culinaris</i>) using Improved Varieties under Alluvial Soil of Uttar Pradesh by Cluster Front Line Demonstrations <i>Omkar Singh, Dharmendra Kumar Singh, Abhishek Singh, Rajendra Pratap Singh, Sunita Pandey, Ashish Kumar Bajpai</i> | 492 |
| Nutrient Use Efficiency and Productivity of Field Pea (<i>Pisum sativum</i> L.) Influenced by Combined Nitrogen and Sulphur Application <i>Waseem Raja, M. Anwar Bhat, B.A. Allie, Intikhab A. Jehangir, Ashaq Hussain, A.A. Saad, M. Salim Mir</i> | 497 |
| Effect of Zinc Sources on Nutrient Content and Uptake in Soybean [<i>Glycine max</i> (L.) Merrill] under the Acidic Soil Conditions of Nagaland <i>Sentimenla, A.K. Singh, Merasenla</i> | 502 |
| MICROBIOLOGY | |
| Potentials of Lactic Acid Bacteria in Enhancing Nodulation of <i>Bradyrhizobium daqingense</i> and Yield in Soybean <i>Nakul Kale, M. Ashwini, Shamarao Jahagirdar, Geeta Shirnalli</i> | 507 |
| PLANT PROTECTION | |
| Effect of Different Chickpea Genotypes and Its Biochemical Constituents on Biological Attributes of <i>Helicoverpa armigera</i> (Hubner) <i>Su Htet San, D. Sagar, Vinay Kumari Kalia, Veda Krishnan</i> | 514 |
| Comparative Functional and Numeric Response of Two Coccinellids (<i>Coccinella septempunctata</i> and <i>Cheilomenes sexmaculata</i>) Preying Cowpea Aphid (<i>Aphis craccivora</i>) <i>Gaurang Chhangani, M.K. Mahla, R. Swaminathan, Lekha, H. Swami, N.L. Dangi</i> | 521 |
| Esteemed Reviewers of This Issue | 527 |
| Authors Index of This Issue | 527-528 |
| Keywords Index of This Issue | 528 |