

GENETICS AND BREEDING

Identification of Low Light Tolerant Blackgram Varieties with Respect to Morpho-physiology and Yield

A.P. Pooja, M. Ameena, Jiji Joseph, P. Arunjith 671

Genetic Variability, Character Association and Path Analysis for Pod Yield and its Component Characters in Groundnut [*Arachis hypogaea* (L.)]

Giradhari Lal Yadav, S.S. Rajput, D.K. Gothwal, M.L. Jakhar 678

Genetic Divergence for Seed Yield Enhancing and Quality Traits in Pigeonpea [*Cajanus cajan* (L.) Millsp.]

Harpreet Kaur, Inderjit Singh, Sorabh Sethi, Dharminder Bhatia, B.S. Gill, Sarvjeet Singh 684

Studies on Variability, Heritability, Correlation and Path Analysis in Segregating Population of Black Gram [*Vigna mungo* (L.) Hepper]

D. Gomathi, D. Shoba, V. Ramamoorthy, M. Arumugam Pillai 690

Identification of Indices for Empirical Selection of Dolichos Bean [*Lablab purpureus* (L.) Var. Lignosus] Genotypes for Tolerance to Terminal Moisture Stress

Balaraju Susmitha, S. Ramesh 695

Genetic Variability for Yield and Its Related Traits in Green gram [*Vigna radiata* (L.) Wilczek]

Mohd Abdus Subhan Salman, Ch. Anuradha, V. Sridhar, E. Ram Babu, SNCVL. Pushpavalli 700

AGRONOMY

Non-parametric Measures for Yield Stability in Faba Bean (*Vicia faba* L.) Advanced Line in Gangetic Plains of India

H.L. Raiger, N.K. Jajoriya, Parvati Deewan, C.B. Yadav, R.K. Gill, Rajesh Arya, Rajhans Verma, J.L. Mehto 705

Response of Split Application of Nutrients through Fertigation in Pigeonpea

S.U. Kakade, J.P. Deshmukh, N.D. Parlaware, V.V. Goud 713

Impact of Storage on Probiotic Viability, Nutritional and Sensory Quality of Fermented Soymilk Produced from Different Soybean Varieties

Muzaffar Hasan, Nand Lal Meena, Veda Krishnan, Shalini Gaur Rudra, Anil Dahuja 721

Effects of Graded Seedling Transplanting on Growth, Yield and Medicinal Materials Quality of *Astragalus membranaceus* var. *Mongholicus*

Xiaojie Li, Yingtong Mu, Xiaoming Zhang, Junjie Wang 728

Regulation of Proline Metabolism in Soybean Leaves under Drought Stress at Seedling Phase
X.Y. Zhou, X.M. Li, Y.M. Tian, Z.P. Qu, Z.H. Wu, X.Y. Wang, S.K. Dong 735

Investigation of Phosphorus and Potassium Biological Fertilizers on Alfalfa (*Medicago sativa* L.) Physiological Traits at Different Ages of the Field
S. Marani, H. Madani, H. Heidari Sharifabad, Gh. Afshar Manesh, M.H. Shirzadi 741

SEED SCIENCE AND TECHNOLOGY

Effect of Orgo-nutri Priming on the Germination and Seedling Traits of Groundnut (*Arachis hypogaea* L.)

V. Manonmani, N. Vinothini, T. Poovarasam, S. Kavitha, M. Sakila, R. Jeyajothi, M. Saravana Kumar, M. Nivethitha, P.A. Akhila Jabeen 746

Influence of Seed Quality Upgrading by Processing Machines in Soybean var. DSb-21
Vishwanath, Ravi Hunje, Pavan Shinde 752

The Effect of Seed Size on Seed Recovery and Quality in Chickpea (*Cicer arietinum* L.)
Ashok S. Sajjan, A.K. Guggari 757

PLANT PROTECTION

Habitat Manipulation: An Important Component of IPM in the Management of Webbing Caterpillar, *Maruca vitrata* (Geyer) in Pigeonpea
Zudda Kavitha, C. Vijayaraghavan 762

Study of Morpho-physiological and Biochemical Traits for Resistance to Yellow Mosaic Virus (YMV) in Blackgram [*Vigna mungo* (L.) Hepper] Varieties
G. Ramarao, J. Satishbabu, N. Harisatyanarayana, M. Adinarayana 770

Identification and Validation of Quantitative Trait Loci of Mungbean Yellow Mosaic Virus Disease Resistance in Blackgram [*Vigna mungo* (L.) Hepper]
K. Vadivel, N. Manivannan, A. Mahalingam, V.K. Satya, C. Vanniarajan, S. Ragul 778

Weed Management under Phosphorus Enrichment in Groundnut (*Arachis hypogaea* L.)
Harikesh Jat, M.K. Kaushik, S.K. Sharma, V.K. Meena 785

Biological Management of Root Rot (*Rhizoctonia solani*) of Clusterbean in Rajasthan
Narendra Singh, S.L. Godara, H.L. Deshwal 791

Resistance Level of Soybean Genotypes against Pod Sucking Bug (*Riptortus linearis* F. Hemiptera: Alydidae)
Purwantoro, Apri Sulistyono, Made J. Mejaya, Rudy Soehendi, Trustinah, Suyamto, Nuryati 796

Molecular Mapping of a Gene Conferring Fusarium Wilt Resistance in Lentil (*Lens culinaris* Medikus subsp. *culinaris*) using Bulk-segregant Analysis
Jitendra Kumar Meena, H.K. Dikshit, M. Aski, Soma Gupta, Akanksha Singh, Aparna Tripathi, Thribhuvan R., Kumar Nishant Chourasia 801

SHORT COMMUNICATION

Antifungal Properties of Selected Seaweed and Seagrass Extracts against *Macrophomina phaseolina* Infecting Pigeon Pea

G. Somasundaram, R. Paramasivam, H.A. Archana, K. Sujatha, S. Ambika

806

Esteemed Reviewers of This Issue

810

Authors Index of This Issue

810-811

Keywords Index of This Issue

811-812