

LEGUME RESEARCH

Vol. 38 No. 6

IF: .138; NAAS Rating: 6.14

December, 2015

CONTENTS

Page No.

GENETICS AND BREEDING

Heterosis and combining ability analysis in cytoplasmic genetic male sterility (CGMS) system of pigeonpea height variants (*Cajanus cajan* L.)

M.S. Gadekar, R.S. Nandanwar, M.P. Meshram and A.N. Patli.....717

Molecular characterization of wilt resistant and susceptible genotypes of *Cajanus cajan* (L.)

Rakesh M. Swami, Mahesh K. Mahatma, Mithil J. Parekh, and V. Khandelwal.....726

Molecular characterisation of CGMS, maintainer and inbred lines and diversity analysis in pigeonpea [*Cajanus cajan* (L.) Millsp.]

K. Indira Petchiammal, A.R. Muthiah and P. Jayamani.....734

Molecular characterization of cultivated and wild *Cajanus* species using Simple Sequence Repeat markers

K. Indira Petchiammal, A.R. Muthiah and P. Jayamani..... 742

Moth bean [*Vigna aconitifolia* (Jacq.) Marechal] germplasm : Evaluation for genetic variability and inter characters relationship in hot arid climate of western Rajasthan, India

Om Vir and A. K. Singh.....748

Screening of horsegram germplasm collected from Andhra Pradesh against anthracnose

A. Udaya Sankar, K. Anitha, N. Sivaraj, K.V.S. Meena Kumari, N. Sunil and S.K. Chakrabarty.....753

Multivariate analysis in green gram [*Vigna radiata* (L.) Wilczek]

Suhel Mehandi, I.P. Singh, Abhishek Bohra and Chandra Mohan Singh.....758

Evaluation of groundnut genotypes for late season drought tolerance

S. Pavithradevi, N. Manivannan, P. Vindhiya Varman and K. Ganesamurthy.....763

Multivariate analysis in mungbean [*Vigna radiata* (L.) Wilczek] to identify the genetic donors for pubescence and agro-morphological traits

Chandra Mohan Singh, S.B. Mishra, Anil Pandey and Madhuri Arya.....767

AGRONOMY

Variation in soil biological properties with legume crops in arid region of Rajasthan, India

B.K. Yadav.....772

Effect of tillage and crop residues management on lentil (*Lens culinaris* L.) yield, some yield components and weed density in rainfed areas of Turkey

Hasan Kiliç, Zübeyir Türk and Songül Gürsoy.....781

Yield and profitability of groundnut (<i>Arachis hypogaea</i> L.) as influenced by sowing dates and nutrient levels with different varieties R.S. Meena and R.S. Yadav.....	791
Molybdenum fertilization effect on nodulation, yield and quality of green gram grown in the soils of southern agro-climatic zone of Tamil Nadu, India R. Velmurugan and P. P. Mahendran.....	798
Seed fortification with chicory (<i>Cichorium intybus</i> L.) leaf extract to enhance seed vigour, viability and productivity in blackgram (<i>Vigna mungo</i> L.) C. Vanitha and M. Kathiravan.....	804
Effects of location and planting time on physicochemical and nutritional characteristics of soybean seed Reeti Goyal, Sucheta Sharma and B.S. Gill.....	810
Growth, yield attributes and yield of medium duration pigeonpea hybrid ICPH-2671 as influenced by fertility levels and planting geometry B.K. Meena, U.K. Hulihalli and H.K. Sumeriya.....	816
Dynamics of oilseeds and edible oils sector in India-An impact analysis of trade liberalization Murlidhar Meena, A.P. Mishra and G. Narayanan.....	821
The optimum foliar zinc source and level for improving Zn content in seed of chickpea Nihal Kayan, Nurdilek Gulmezoglu and Mehmet Demir Kaya.....	826
Influence of Zn, B and S on the yield and quality of groundnut (<i>Arachis Hypogea</i> L.) Bholanath Saha, Sushanta Saha, Ritam Saha and G.C. Hazra.....	832
MICROBIOLOGY	
Growth and yield response of chickpea to Rhizobium inoculation: productivity in relation to interception of radiation John B.O. Ogola.....	837
Influence of chemical and biological properties of field grown pea and lentil rhizospheres on nodulation status and resident rhizobial population in acidic soils of Assam, India D.J. Nath, D. Gogoi, A. Gayan and A. Challeng.....	844
PLANT PROTECTION	
Genetics, molecular dissection and identification of high yielding disease resistant lines to MYMV in blackgram (<i>Vigna mungo</i>) Kumari Basamma, P.M. Salimath, Patil Malagouda and Biradar Suma.....	851
Effect of weed control practices on weeds and yield of black gram (<i>Vigna mungo</i>) Nazma Mansoori, Nisha Bhadauria and R.L. Rajput.....	855

SHORT COMMUNICATIONS

Influence of spacing and number of leaf cuttings on seed yield in fenugreek
S.C.Rana, V.K.Pandita and Sanjai Sirohi.....858

**Screening of deshi chickpea (*Cicer arietinum* L.) germplasm resistant to Botrytis Gray
Mold in Bangladesh**
M.H. Rashid, M.K. Shahadat, M. R. Hasnat, M. A. Kashem, M. Y. Rafii and M. A. Latif.....861

Esteemed reviewers of this issue.....864

Author index of this issue.....864

Key words index of this issue.....865