

Volume 13

Number 2

June 2013

ISSN 1518-7853

CAB

CROP BREEDING AND
APPLIED BIOTECHNOLOGY



BRAZILIAN SOCIETY OF PLANT BREEDING

www.sbmp.org.br

CROP BREEDING AND APPLIED BIOTECHNOLOGY

ARTICLE

- Pyramiding of two *BPH* resistance genes and *Stv-b'* gene using marker-assisted selection in *japonica* rice.** 99
jiandi xu
- Heritability of stem straightness and genetic correlations in *Eucalyptus cladocalyx* in the semi-arid region of Chile** 107
Felipe Vargas-Reeve, Freddy Mora, Sandra Perret and Carlos Alberto Scapim
- Consistency of the results of path analysis among sugarcane experiments** 113
Bruno Portela Brasileiro, Luiz Alexandre Petermelli and Márcio Henrique Pereira Barbosa
- Introgression of resistance to pathogens in common bean lines with the aid of molecular markers** 120
Alisson Campos Pereira, Nerison Luis Poersch, Pedro Crescêncio Souza Carneiro, Trazilbo José Paula Júnior, Everaldo Gonçalves Barros and José Eustáquio Souza Carneiro
- Genetic molecular diversity, production and resistance to witches' broom in cacao clones** 127
Eline Matos Lima, Norma Eliane Pereira, José Luis Pires, Antônia Marlene Magalhães Barbosa and Ronan Xavier Corrêa
- Effect of auxin and gibberellic acid on growth and yield components of linseed (*Linum usitatissimum L.*)** 136
Anu Rastogi, Ameena Siddiqui, Brij K Mishra, Mrinalini Srivastava, Rawli Pandey, Pratibha Misra, Munna Singh and Sudhir Shukla
- Adaptability and stability of sweet sorghum cultivars** 144
Vander Filipe de Souza, Rafael Augusto da Costa Parrella, Flávio Dessaune Tardin, Márcia Regina Costa, Geraldo Afonso de Carvalho Júnior and Robert Eugene Schaffert
- Artificial neural networks for adaptability and stability evaluation in alfalfa genotypes** 152
Moysés Nascimento, Luiz Alexandre Petermelli, Cosme Damião Cruz, Ana Carolina Campana Nascimento, Reinaldo de Paula Ferreira, Leonardo Lopes Bhering and Caio Césio Salgado

CULTIVAR RELEASE

- CD 121 - Cultivar with flour characteristics for cookie baking** 157
Volmir Sergio Marchioro, Francisco de Assis Franco, Tatiane Dalla Nora, Ivan Schuster, Adriel Evangelista, Fábio Junior Alcântara de Lima and Mateus Polo
- BRS Savanna: new six-rowed malting barley cultivar for irrigated crops in the Brazilian savanna** 160
Renato Fernando Amabile, Flávio Capettini and Fábio Gelape Falcão