

# GENETICS AND PLANT PHYSIOLOGY

Year 2011, Volume 1, Issue 3–4, Pages 105–198

Available online at <http://www.ifrg-bg.com>

---

---

## CONTENTS

- Das A. B., S. Samal, B. Behera, D. Panda, P. Mohanty*  
Salt tolerance and management of mangroves: A comparative assessment of salt tolerance limit of *Bruguiera parviflora* and *Bruguiera gymnorrhiza* seedlings after NaCl shock ..... 105–118
- Shah S. H. and H. I. Tak*  
Evaluation of soaking and spray treatments with GA<sub>3</sub> to black cumin (*Nigella sativa* L.) in relation to growth, seed and oil yields ..... 119–129
- Kumarasamy V., K. Santhaguru*  
Growth performance of *Sorghum bicolor* (L.) Moench in response to inoculation with *Gluconacetobacter diazotrophicus* ..... 130–138
- Satya P., A. Saha, P. M. Bhattacharya*  
Tolerance to chilling stress in germinating mungbean (*Vigna radiata* L. Wilczek) is associated with increased phenolics and peroxidase activity ..... 139–149
- Ibrahim M. A., A. M. Jasim, M. F. Abbas*  
Somatic embryogenesis and plantlet regeneration in indian jujube (*Ziziphus mauritiana* Lamk.) cv. Zaytoni ..... 150–154
- Panda D. and R. K. Sarkar*  
Non-structural carbohydrate metabolism associated with submergence tolerance in rice ..... 155–162
- Swamy K. N., S. Anuradha, B. Ramakrishna, N. Siddulu, S. S. R. Rao*  
Cadmium toxicity is diminished by 24-epibrassinolide in seedlings of *Trigonella foenum-graecum* L. .... 163–175
- Taïbi K., M. Boussaid, M. Achir, F. Taïbi, M. Belkhodja*  
Evaluation of growth response and water relations of two bean genotypes (*Phaseolus vulgaris* L.) from Algerian semi-arid regions grown under salt stress ..... 176–185
- Sadeghi H. and N. Khaef*  
Priming-induced metabolic changes in three annual medics species improve germination and early growth under drought and salt stress conditions ..... 186–198

ISSN 1314-6394  
E-ISSN 1314-5770

---

---

Published by the Institute of Plant Physiology and Genetics  
Bulgarian Academy of Sciences