

XVI International Plant Nutrition Colloquium

Session D: Impact of Environmental Stresses on Plant Nutrition

POSTERS

- 1032 Advances In Alleviating Growth Limitations Of Maize Under Salt Stress. *Sven Schubert (Justus Liebig University Giessen)* ([PDF](#))
- 1036 The Role Of Plasma Membrane H⁺-ATPase And Apoplastic pH In Adaptation Of Maize (*Zea mays*) To Salt Stress. *Britta Pitann (Justus Liebig University Giessen) and Karl Muhling (Institute Of Plant Nutrition And Soil Science)* ([PDF](#))
- 1078 Does Jasmonic Acid Control The Maize Shoot Growth During The First Phase Of Salt Stress? *Ahmad Shahzad (Institute Of Plant Nutrition, Justus Liebig University, Germany) et al.* ([PDF](#))
- 1102 Salicylic Acid Induced Changes On Some Physiological Parameters In Tomato Grown Under Salinity. *Hela Ben Ahmed (Faculty Of Sciences Tunis El Manar , Tunisia) et al.* ([PDF](#))
- 1104 Toxic Hazards Of The Industrial Atmospheric Pollutant Sulphur Dioxide On Tree Crops. *Rani B. (Cropping Systems Research Centre (Kerala Agricultural University), Karamana, Kerala, India) et al.* ([PDF](#))
- 1127 Salt Stress Affects Polyamine Concentrations And Plasma Membrane H⁺-ATPase Proton Pumping In Maize. *Mariko Ingold (Justus Liebig University Of Giessen) et al.* ([PDF](#))
- 1144 Phosphorus Acquisition Efficiency From Sparingly Soluble P-Sources By Brassica Cultivars Under P-Stress Environment. *M. Shahbaz Akhtar (Department Of Environmental Management Engineering, The Graduate School Of Environmental Science, Okayama University, Japan) et al.* ([PDF](#))
- 1145 P-Starvation Induced Solubilization And Acquisition Of P From Sparingly Soluble P-Sources By Brassica Cultivars. *M. Shahbaz Akhtar (Department Of Environmental Management Engineering, The Graduate School Of Environmental Science, Okayama University, Japan) et al.* ([PDF](#))
- 1178 Analysis Of Dissolving Functions Of Insoluble Phosphate By Phosphorus Deficiency Sensitive Plants. *Ayako Suzuki (Graduate School Of Bioresource Science, Nihon University) et al.* ([PDF](#))
- 1201 Effect Of Low pH On Uptake Of Inorganic Nitrogen By Different Plant Seedlings. *Xiaoli Wang (Yangzhou University, China) et al.* ([PDF](#))

- 1217 Maize Silicon Transporters. *Namiki Mitani (Research Institute For Bioresources, Okayama Univ.) et al.* ([PDF](#))
- 1262 Responses Of Some Dwarf Bean (*Phaseolus vulgaris* L.) Genotypes Grown In Turkey To Zinc And Boron Applications. *Mehmet Hamurcu (Selcuk University, Faculty Of Agriculture, Konya, Turkey) et al.* ([PDF](#))
- 1277 Tolerance Of Combined Salinity And O₂ Deficiency In *Hordeum marinum* Accessions From The Grain-Belt Of Western Australia. *Ai Malik (School Of Plant Biology, Faculty Of Natural And Agricultural Sciences, The University Of Western Australia, Australia) et al.* ([PDF](#))
- 1340 Salinity And Boron Interaction In Wheat (*Triticum aestivum* L.). *Muhammad Saqib (Institute Of Soil And Environmental Sciences, University Of Agriculture, Faisalabad, Pakistan.) et al.* ([PDF](#))
- 1356 Effects Of Molybdenum On Endogenous Hormone Contents In Winter Wheat Under Low Temperature Stress. *Sun Xuecheng (Key Laboratory Of Subtropical Agricultural Resources And Environment Of The Ministry Of Agriculture Of China, Microelement Research Centre Of Huazhong Agricultural University) et al.* ([PDF](#))
- 1362 Phospho-Proteomics Of Maize Under Saline Growth Conditions. *Christian Zorb (Institute Of Plant Nutrition And Soil Science, University Kiel, Germany) et al.* ([PDF](#))
- 1363 Physiological Characteristics Of Salt Tolerance In Fenugreek (*Trigonella foenum Graecum* L.). *Imed Hasni (Facultā Des Sciences De Tunis- Tunisie) et al.* ([PDF](#))
- 1381 Varietal Differences In Salinity Tolerance And Mineral Nutrition In Tomatoes (*Solanum lycopersicum*). *Hela Ben Ahmed (Faculty Of Sciences Tunis El Manar , Tunisia) et al.* ([PDF](#))
- 1389 Processed Calcite Particles Improved Leaf Photosynthesis Of Potted Cot Grapevines During Water Stress Conditions. *Faouzi Attia (Institut National Polytechnique De Toulouse)* ([PDF](#))
- 1411 Advances To Whole Root System Quantification Tools And Techniques. *Randy Clark (Cornell University) et al.* ([PDF](#))
- 1450 Delayed Leaf Senescence Induces Extreme Drought Tolerance In Crop Plants. *Rosa Rivero (Department Of Plant Sciences, University Of California, Davis USA) et al.* ([PDF](#))