

BULGARIAN JOURNAL OF PLANT PHYSIOLOGY

Volume XXII, No. 3–4, 1996

Bulgarian Academy of Sciences

Katya Georgieva, Ivan Yordanov, Antoaneta Kroumova. Photosynthetic characteristics of transformed tobacco plants grown <i>in vitro</i> after their transplantation in natural conditions	3
Violeta Velikova, Ivan Yordanov. Changes in prompt chlorophyll fluorescence and oxygen evolution after bean plant treatment with artificial acid rain	14
F. Ahmet Ayaz, Eric Bertoft, Markku Reunanen. Changes in the low molecular weight carbohydrate content of <i>Laurocerasus officinalis</i> Roem. cv. Globigemmis during fruit development	25
Rumiana Dragiiska, Dimitar Djilianov, Plamen Denchev, Atanas Atanassov. <i>In vitro</i> selection for osmotic tolerance in alfalfa (<i>Medicago sativa</i> L.)	30
Georgi Georgiev, Blagoy Atanasov, Kantcho Kalmuckov, Ekaterina Alexandrova, Alexandra Uzunova. Assimilates and nutrients partitioning and efficiency of nitrogen fixation of black locust (<i>Robinia pseudoacacia</i> L.) grown on the excess of Cu in soil	40
Antoaneta Arsova. Effect of soil acidity neutralization and copper toxicity on maize productivity, copper uptake and biomass cation content	56
Georgi Ts. Georgiev, Ljubomir Iliev, Emanuil Karanov. Antidote effect of MEIA against chlorsulfuron	66
Elena Yakimova, Veneta Kapchina-Toteva, Vera Alexieva, Iskren Sergiev, Emanuil Karanov. Effect of chlorsulfuron (Glean-75) and sucrose on some post-harvest physiological events in cut flowers	74

Yuzeir Zeinalov, Liliana Maslenkova. A computerized equipment for termoluminescence investigations	88
Todor Genkov, Ivailo Ivanov, Iordanka Ivanova. Analysis of cytokinins by immunoassay and high performance liquid chromatography of <i>in vitro</i> cultivated <i>Dianthus caryophyllus</i>	95
<i>Short communication</i>	
Serpil Ünyayar, S. Fatih Topcuoglu, Ali Ünyayar. A modified method for extraction and identification of indole-3-acetic acid (IAA), gibberelic acid (GA ₃), abscisic acid (ABA) and zeatin produced by <i>Phanerochaete chrysosporium</i> ME446	105