

Journal of Plant Diseases and Protection

Volume 123 · Number 4 · August 2016

ORIGINAL ARTICLES

Acetohydroxyacid synthase (AHAS) amino acid substitution Asp376Glu in *Lolium perenne*: effect on herbicide efficacy and plant growth

A. Menegat · G.C. Bailly · R. Aponte · G.M.T. Heinrich · B. Sievernich · R. Gerhards 145

Effect of β -aminobutyric acid on resistance of tomato against *Pectobacterium carotovorum* subsp. *carotovorum*

A.S. Farahani · S.M. Taghavi · A. Afsharifar · A. Niazi 155

Evaluation of the antimicrobial activity of 9-oxo-agerophorone against soil borne pathogens

X. Liu · C. Ouyang · Y. Li · D. Yang · W. Fang · D. Yan · M. Guo · A. Cao · Q. Wang 163

Efficacy of copper alternatives applied as stop-sprays against *Plasmopara viticola* in grapevine

K. Lukas · G. Innerebner · M. Kelderer · M.R. Finckh · P. Hohmann 171

Characterization of high-level deoxynivalenol producer *Fusarium graminearum* and *F. culmorum* isolates caused head blight and crown rot diseases in Turkey

E. Yörük · B. Tunali · B. Kansu · F. Ölmez · G. Uz · I.M. Zümrüt · A. Sarıkaya · G. Meyva 177

Characterization of *Apple mosaic virus* isolates detected in hazelnut in Poland

M. Cieślińska · N. Valasevich 187

SHORT COMMUNICATION

New report of *Cycas revoluta* leaf necrosis by *Phoma herbarum* from Pakistan

M. Nayab · N. Akhtar 193