

مقاومة مرض تبقع الأوراق وقصببات الفوموبسس فى العنب

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CONTROL OF PHOMOPSIS CANE AND LEAF SPOT OF GRAPEVINE

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ABSTRACT: *Phomopsis cane and leaf spot of grapes is an economically important disease of grapes in many regions of the world. Efficacy of application of antioxidants, calcium salts and fungicides on control of phomopsis cane and leaf spot that caused by Phomopsis viticola, was examined under greenhouse conditions during 2010 growing season in Belco Egypte Company. Antioxidants were prepared and applied by using concentration 200 ppm, calcium salts were applied by using concentration 400 ppm and fungicide were applied by using concentration of recommended dose of the product company. All components were applied before and after artificial infection. All the tested antioxidants reduced the disease significantly, but ascorbic acid was gave the best result. The tested calcium salts decreased the disease significantly, but calcium phosphate was the best one. All the tested fungicides reduced significantly disease severity, generally the fungicide Filint gave the best result, followed by Topas and Punch*

Key words: *Vitis vinifera , Phomopsis viticola, antioxidants, calcium salts and fungicides.*