



## Advances in Plant Disease Management 2003

Editors Hung-Chang Huang Surya N. Acharya

Agriculture & Agri-Food Canada Research Centre PO Box 3000, Lethbridge, Alberta, T1J 4B1, Canada

Biocontrol of plant disease: Research and application  Hung-Chang Huang	
Biological control of turfgrass diseases  Eric B. Nelson	— 19
Control strategies for sclerotinia diseases of oilseeds and pulse crops  Debra L. McLaren and Hung-Chang Huang	— 53
Development of antagonistic bacteria as biofungicide for the control of plant diseases —  Dean Der-Syh Tzeng, Jenn-Wen Huang and Kuo-Ching Tzeng	<del> 75</del>
Allelopathy, plant pathogen and crop productivity  Chiu-Chung Young and Chang-Hung Chou	— 89
Sustainable management of soilborne vegetable crop diseases  Jenn-Wen Huang, Ting-Fang Hsieh and Shou-Kung Sun	— 107
Sustainable management of gray mold (Botrytis cinerea) on grapevine, strawberry and ornamentals	— 121
Management of vegetable crop diseases with plant extracts  Jenn-Wen Huang and Wen-Chuan Chung	— 153
Control of bacterial soft rot and foodborne human pathogens on fresh fruits	165
and vegetables  Ching-Hsing Liao, James L. McEvoy and James L. Smith	
Low temperature species of Sclerotinia causing plant diseases in winter ————————————————————————————————————	195
Genetic engineering of vegetable crops to enhance resistance to fungal pathogens ————————————————————————————————————	215

	- 237
Induced disease resistance in plants  Jeng-Sheng Huang and Hei-Ti Hsu	23
Induced host resistance against botrytis leaf blight  Chao-Ying Chen, Yu-Yen Lu and Jui-Chou Chung	— 259
Fusarium head blight resistance and reduced levels of mycotoxin in small grain cereals:  Current status and prospects  François Eudes and André Laroche	— 269
Control of major diseases of safflower by breeding for resistance and using	
cultural practices  Hans-Henning Mündel and Hung-Chang Huang	— 293
Control of potato diseases through breeding and management - A review of progress ———————————————————————————————————	<b>—</b> 311
Breeding alfalfa for resistance to verticillium wilt: A sound strategy  Surya N. Acharya and Hung-Chang Huang	<b>—</b> 345
Breeding for resistance to wheat streak mosaic virus and its mite vector  Robert L. Conner and Qin Chen	<b>—</b> 373
Occurence, importance, taxonomy and control of thrips-borne tospoviruses  Fuh-Jyh Jan, Tsung-Chi Chen and Shyi-Dong Yeh	<b>–</b> 391
Management of viral diseases in floral and nursery crops  Hei-ti Hsu and Clarissa Maroon-Lango	- 413