

### **Book**

Pernezny, K., Roberts, P., **Murphy, J.F.**, and Goldberg, N. 2003. *Compendium of Pepper Diseases*. American Phytopathological Society Press, St. Paul, MN.

Chapters within:

**Murphy, J.F.**, and Warren, C.E. Plant virus diseases, pages 23-25.

**Murphy, J.F.** *Cucumber mosaic virus*, pages 29-31.

**Murphy, J.F.**, and Zitter, T.A. *Pepper mottle virus*, pages 33-34.

### **Book chapters and review articles**

**Murphy, J.F.** 2006. Applied aspects of induced resistance to plant virus infection. In: Natural Resistance Mechanisms Of Plants To Viruses. Chapter A1, pages 1-11. Springer Publishing, Netherlands. Editors: G. Loebenstein and J.P. Carr. 532 pages.

Sikora, E.J., and **Murphy, J.F.** 2005. Identification and management of *Cucumber mosaic virus* in Alabama. *Acta Horticulturae* 695:191-194.

Zehnder, G.W., **Murphy, J.F.**, Sikora, E. and Kloepper, J.W. 2001. Application of rhizobacteria for induced resistance. *European Journal of Plant Pathology* 107:39-50.

Zehnder, G.W., Yao, C., **Murphy, J.F.**, Sikora, E., Kloepper, J.W., Schuster, D., and Polston, J. 1999. Microbe-induced resistance against pathogens and herbivores: Evidence for effectiveness in agriculture. Pages 335-355. In: Induced Plant Defenses Against Pathogens and Herbivores: Biochemistry, Ecology, and Agriculture. APS Press, St. Paul, MN. Eds. A.A. Agrawal, S. Tuzun, and E. Bent.

Zehnder, G.W., Yao, C., **Murphy, J.F.**, Sikora, E., and Kloepper, J.W. 1998. Microbe-induced resistance in tomato against cucumber mosaic virus. Pages 416-424. In: Pest Management- Future Challenges. A proceedings of the Sixth Australasian Applied Entomological Research Conference, University of Queensland Printery, Brisbane. M.P. Zalucki, R.A.I. Drew and G.C. White, Eds.

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Kloepper, J.W., Rodríguez-Kábana, R., Zehnder G.W., **Murphy, J.F.**, Sikora, E., and Fernández, C. 1999. Plant root-bacterial interactions in biological control of soilborne diseases and potential extension to systemic and foliar diseases. *Australasian Plant Pathology* 28:21-26.

Yao, C.B., Zehnder, G.W., **Murphy, J.F.**, and Kloepper, J.W. 1997. Evaluation of induced systemic resistance and plant growth promotion in tomato with selected PGPR strains. Pages 285-288. In: Plant Growth-Promoting Rhizobacteria: Present status and future prospects. Eds. Ogoshi, A., Kobayashi, K., Homma, Y., Kodama, F., Kondo, N., and Akino, S.

Backman, P.A., Wilson, M., and **Murphy, J.F.** 1997. Bacteria for biological control of plant diseases. Chapter 4, pages 95-109. In: Environmentally Safe Approaches To Crop Disease Control. CRC Press. Eds. N.A. Rechcigl and J.E. Rechcigl..

Kloepper, J.W., Zehnder, G.W., Tuzun, S., **Murphy, J.F.**, Wei, G., Yao, C., and Raupach, G. 1996. Toward agricultural implementation of PGPR-mediated induced systemic resistance against crop pests. Page 165- 174. Advances In Biological Control Of Plant Diseases. China Agricultural University Press. Eds. Wenhua, T., Cook, R.J., and Rovira, A.

### **Refereed articles**

Coneva, E., **Murphy, J.F.**, Boozer, R., and Velasquez, N. 2010. Incidence and Distribution of Viruses in Blackberry (*Rubus* sp.) in Alabama. *International Journal of Fruit Science* 10:87-95.

**Murphy, J.F.**, and Dane, F. 2009. Evaluation of fungal resistant watermelon genotypes of the southeastern United States for their response to virus inoculation. *HortTechnology* 19:609-612.

**Murphy, J.F.**, Masiri, J., and Eubanks, M.D. 2009. Reflective plastic mulch but not biological control reduced *Watermelon mosaic virus* incidence and yield losses in squash. *International Journal of Vegetable Science* 15:3-12.

Mazourek, M., Moriarty, G., Glos, M., Fink, M., Kreitinger, M., Henderson, E., Palmer, G., Chickering, A., Myers, J.R., Rumore, D.L., **Murphy, J.F.**, Kramer, C., Jahn, M. 2009. 'Peacework': An early red bell pepper for organic systems with *Cucumber mosaic virus* resistance. *HortScience* 44:1464-1467.

**Murphy, J.F.**, Mosjidis, J., Eubanks, M.D., and Masiri, J. 2008. Inter-row cover crops to reduce incidence of aphid-borne viruses in pumpkin. *International Journal of Vegetable Science* 14:290-303.

Coppler, L.B., **Murphy, J.F.**, and Eubanks, M.D. 2007. Red imported fire ants (Hymenoptera: Formicidae) increase the abundance of aphids in tomato. *Florida Entomologist* 90:419-425.

Ryu, C-M., **Murphy, J.F.**, Reddy, M.S., and Kloepper, J.W. 2007. A two-strain mixture of Rhizobacteria elicits induction of systemic resistance against *Pseudomonas syringae* and *Cucumber mosaic virus* coupled to promote plant growth in *Arabidopsis thaliana*. *Journal of Microbiology and Biotechnology* 17:280-286.

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- Eubanks, M.D., Carr, D.E., and **Murphy, J.F.** 2005. The effects of virus infection of *Mimulus guttatus* (Scrophulariaceae) on host plant quality for meadow spittlebugs, *Philaenus spumarius* (Hemiptera: Cercopidae). *Environmental Entomology* 34:891-898.
- Eubanks, M.D., Carr, D.E., and **Murphy, J.F.** 2005. Defense against multiple enemies: Genetic variation in the response of plants to herbivore and virus attack. *Evolutionary Ecology* 19:15-27.
- Kang, B.C., Yeam, I., Frantz, J.D., **Murphy, J.F.**, and Jahn, M.M. 2005. The *pvr1* locus in pepper encodes a translation initiation factor eIF4E that interacts with *Tobacco etch virus* Vpg. *The Plant Journal* 42:392-405.
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Deom, C.M., **Murphy, J.F.**, and Pagiuo, O. 1997. Inhibition of tobacco etch virus replication in *Capsicum annuum*. *Molecular Plant-Microbe Interactions* 10:917-921. [NOTE that a figure from this article was the photograph on the front cover of that issue of the journal.]

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**Plant Disease Note (a brief, refereed publication)**

Coneva, E., **Murphy, J.F.**, Boozer, R. and Velasquez, N. 2008. First report of *Tobacco ringspot virus* in blackberry (*Rubus* L.) in Alabama. *Plant Disease* 92:1708

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**Alabama Cooperative Extension System**

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