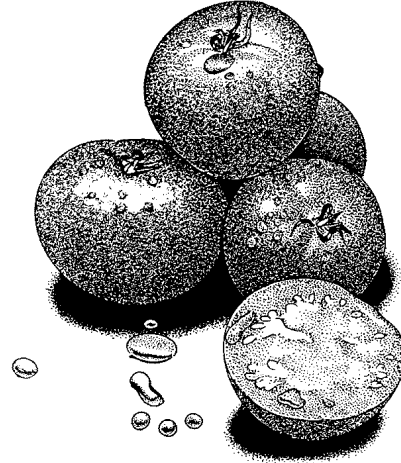


20th Annual Tomato Disease Workshop

The Ohio State University-OARDC
Arden Shisler Center
Wooster, OH

October 20-21, 2005



AGENDA

Thursday October 20

- 7:30 a.m. Registration and Continental Breakfast
- 8:30 a.m. Ecology and Epidemiology of Beet Curly Top Virus in California and Impact on Tomato Production.
William Wintermantel, USDA ARS, Salinas, CA.
- 8:50 a.m. Control of Whitefly Transmitted Criniviruses in Tomato.
William Wintermantel, USDA ARS, Salinas, CA.
- 9:10 a.m. Field Assessment of Impact of Bacterial Speck Incidence on Yield of Processing Tomatoes.
Gene Miyao¹, M. Davis², D. Sweet², M. Kochi¹, F. Schulten-Baumer³, N. Howell². Univ. of California Cooperative Extension¹, University of California Davis², Univ. of Bonn³.
- 9:30 a.m. Significance of diversity in populations that cause bacterial canker of tomato.
Anne Alvarez, University of Hawaii at Manoa, Honolulu, HI
- 9:50 a.m. The Effect of Spray Applications on *Clavibacter michiganensis* subsp. *michiganensis* Populations.
Chandra Laskey, Mary Hausbeck, Ray Hammerschmidt, Michigan State University, East Lansing, MI.
- 10:10 a.m. Break

- 10:40 a.m. Efficacy of Fungicides/Bactericides in the Management of Tomato Early Blight and Bacterial Leaf Spot.
Sally Miller, Melanie Lewis Ivey and Jhony Mera, The Ohio State University-OARDC, Wooster, OH.
- 11:00 a.m. Evaluation of Compost Tea for Managing Foliar Diseases in Tomato.
Meg McGrath, Cornell University, Long Island, NY.
- 11:20 a.m. New Products to Control Tomato Diseases.
Mary Hausbeck, Brian Cartright, Michigan State University, East Lansing, MI.
- 11:40 a.m. Shift in Performance of Fungicides for the Control of Tomato Early Blight.
Thomas A. Zitter and Jessica L. Drennan, Cornell University, Ithaca, New York.
- 12:00 noon Lunch (provided)
- 1:15 p.m. Efficacy of Fungicides in Management of Botrytis in Greenhouse Tomatoes.
Melanie Lewis Ivey and Sally Miller, The Ohio State University-OARDC, Wooster, OH
- 1:35 p.m. Greenhouse Tomato Disease Research in Mississippi.
David M. Ingram, Mississippi State University, Raymond, MS
- 1:55 p.m. New Products for Tomato Disease Management– What’s New, What’s Coming.
Mike Bledsoe, Village Farms L. P, Heathrow, FL
- 2:15 p.m. Update on Breeding for Combined Early Blight and Late Blight Resistance.
Randy Gardner, North Carolina State University, Fletcher, NC.
- 2:35 p.m. Early blight resistance in freshmarket and processing tomato lines carrying late blight resistance.
Martha Mutschler, Tom Zitter and Charles Bornt, Cornell University, Ithaca, New York
- 2:55 p.m. Update on Breeding for Resistance in Tomato to *Clavibacter michiganensis* subsp. *michiganensis*.
David Francis, The Ohio State University-OARDC, Wooster, OH.
- 3:15 p.m. Break

- 3:45 p.m. Breeding for Resistance to Bacterial Spot in Tomato.
Wencai Yang and David Francis, The Ohio State University-OARDC, Wooster, OH.
- 4:05 p.m. Functional Analysis of the Avr3a Avirulence Gene of *Phytophthora infestans*
Jorunn Bos, Thirumala Kanneganti, Carolyn Young and Sophien Kamoun, The Ohio State University-OARDC, Wooster, OH
- 4:25 p.m. Role of *Phytophthora infestans* protease inhibitors and their target tomato proteases in disease.
Jing Song, Miaoying Tian, Joe Win, Nicolas Champouret, and Sophien Kamoun, The Ohio State University-OARDC, Wooster, OH
- 7:00 p.m. Wine and Cheese Social at the Stone House

Friday, October 21

- 7:30 a.m. Continental Breakfast
- 8:30 a.m. IR-4 Update: Product Solutions for Control of Tomato Diseases.
Charles Meister, Southeast Regional IR-4 Coordinator, University of Florida.
- 8:50 a.m. Effect of Plant Growth Promoting Rhizobacteria on Tomato Diseases in an Integrated Management Program.
Cristian Nava-Diaz, Matthew Kleinhenz, Douglas Doohan, and Sally Miller, The Ohio State University-OARDC, Wooster, OH.
- 9:10 a.m. Influence of Field Management on Rhizosphere Microbial Community Structure and Its Relation to Plant Health.
Fulya Baysal¹, Maria Soledad Benitez², Cristian Nava-Diaz², Sally Miller² and Brian McSpadden Gardener², Adana University¹, The Ohio State University – OARDC², Wooster, OH
- 9:30 a.m. Use of biorational products to manage seedling pre- and post- emergence damping-off.
Fulya Baysal¹, Melanie Lewis Ivey², Jhony Mera² and Sally Miller², Adana University¹ and The Ohio State University – OARDC², Wooster, OH
- 9:50 a.m. Tomato Disease Control From Programs Including Tanos and Curzate.
Marsha Martin, DuPont Crop Protection, Columbus, OH.
- 10:10 a.m. Break

- 10:30 a.m. Update on Performance of Biological Fungicides.
Robert Lund, Agraquest, Davis, CA
- 10:50 a.m. The Use of ProPhyt in Control of Tomato Diseases.
Vince Morton, Viva Inc, Greensboro, NC
- 11:10 a.m. Actinovate® SP Biological Fungicide For Foliar And Root Diseases.
Matt Kowalski, Natural Industries, Inc., Houston, TX
- 11:30 a.m. Meeting Wrap-up and Assignment of Next Workshop Place and Time
- 1:00 p.m. Optional Amish Farm Tour