

Christian Andrew Wyenandt

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Assistant Extension Specialist
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Education

Highest Earned Degree

Ph.D., Department of Plant Pathology, The Ohio State University, June 2004.

Dissertation

Fusarium fruit rot (*Fusarium* spp.) of pumpkin (*Cucurbita pepo*) and its control with cover crop mulches. 2004. The Ohio State University. Advisor: Richard M. Riedel

Other Earned Degrees, Graduate and Undergraduate

M.Sc., Plant Pathology, The Ohio State University, March 1999

Thesis title: Assessing an integrated disease management strategy for processing tomatoes in Ohio.

B.Sc., Plant Science, Cornell University, January 1996

A.A.S., Greenhouse Production & Management, The Ohio State University/Agricultural Technical Institute, Wooster, Ohio 1993

A.A.S., Nursery Management, The Ohio State University/Agricultural Technical Institute, Wooster, Ohio 1993

Honors and Awards

Professional Awards and Honors

The Early Career Award - 2010. Presented by the Northeast Division of the American Phytopathological Society (NED-APS) for significant, early career contributions to the field of plant pathology.

The Merle V. Adams Award - 2009. Awarded by Extension Specialists to junior faculty for Outstanding Achievement.

Extension Specialist of the Year - 2007. Awarded by Department of Agricultural and Resource Management Agents for excellence in Extension Outreach.

Employment History

Positions Held

01/2005-ongoing Extension Specialist in Vegetable Pathology, Department of Extension Specialists, New Jersey Agricultural Experiment Station, Assistant Professor, Department of Plant Biology and Plant

Pathology, School of Environmental and Biological Sciences
(entered tenure stream on July 1, 2005)
CY (30% Research, 70% Extension)
04/2004-01/2005 Post-Doc, Rutgers University

SCHOLARSHIP

Peer-Reviewed Journal Articles (Accepted or in Print)

Heckman, J.R., **C.A. Wyenandt** and M. Provance-Bowley. 2010. Residual effects of leaf mulch on sweet corn and rye. *Journal of Sustainable Agriculture*. (Journal of Sustainable Agri., accepted 12/14/10)

Wyenandt, A. and N.L. Maxwell. 2010. Evaluating vegetable fungicide recommendations in the United States: Should more be done to limit the risks of fungicide resistance development? (accepted 9/20/10, *Journal of Extension*)

Wyenandt, C.A., Riedel, R.M., Rhodes, L.H., Bennett, M.A., and S.G.P. Nameth. 2010. Fall and spring-sown cover crop mulches affect yield, fruit cleanliness and *Fusarium* fruit rot development in pumpkin. (accepted 7/30/10, *HortTechnology*)

Kline, W.L., **Wyenandt, C.A.**, Sudal, J.F., and N.L. Maxwell. 2010. Evaluation of six nitrogen fertility programs on marketable yield and development of skin separation in bell pepper fruit. (accepted 7/29/10, *HortTechnology*).

Wyenandt, C.A., N.L. Maxwell and D.L. Ward. 2010. Determining 'practical' fungicide resistance development and drift in the control of cucurbit powdery mildew in pumpkin. Online. *Plant Health Progress*. doi:10.1094/PHP-2010-1122-02-RS.

Wyenandt, C.A., J.E. Simon, and M.T. McGrath. 2010. Susceptibility of basil cultivars and breeding lines to downy mildew (*Peronospora belbahrii*). *HortScience* 45:1416-1419.

Wyenandt, C.A., S.L. Rideout, B.K. Gugino, M.T. McGrath, K.L. Everts and R.P. Mulrooney. 2010. Fungicide resistance management guidelines for the control of tomato diseases in the mid-Atlantic and Northeast regions of the United States. Online. *Plant Health Progress*. doi:10.1094/PHP-2010-0827-01-MG.

Wyenandt, C.A., R.M. Riedel, L.H. Rhodes, M.A. Bennett, and S.G.P. Nameth. 2010. Survey of *Fusarium* spp. associated with fruit rot of pumpkin in Ohio. Online. *Plant Health Progress*. doi:1094/PHP-2010-0827-RS.

Wyenandt, C.A., McGrath, M.T., Rideout, S.L., Gugino, B.K., Everts, K.L., and R.P. Mulrooney. 2009. Fungicide resistance management guidelines for cucurbit downy and powdery mildew control in the mid-Atlantic and Northeast regions of the United States. Online. *Crop Management*. doi:10.1094/CM-2009-0629-01-BR.

Wyenandt, C.A., Rideout, S.R., Everts, K.L., R.P. Mulrooney and N.L. Maxwell. 2009. Development of a fungicides resistance management guide for vegetable growers in the mid-Atlantic states. Online. Crop Management doi:10.1094/CM-2009-0316-01-MG.

Wyenandt, C.A., Rhodes, L.H., Bennett, M.A., and R.M. Riedel. 2009. Control of fruit rots of processing tomato using cover crop mulch and Tom-Cast. HortTechnology 19:511-517.

Fonseca, F.M., H.J. Kim, W.L. Kline, **C.A. Wyenandt**, M. Hoque, H. Ajwa and N. French. 2009. Effect of preharvest applications of a second-generation harpin protein on microbial quality, antioxidants, and shelf-life of fresh-cut lettuce. J. Amer. Soc. Hort. Sci. 134:141-147.

Wyenandt, A., Maxwell, N. and D. Ward. 2008. Fungicide programs affect 'practical' resistance development in cucurbit powdery mildew of pumpkin. HortScience 43:1838-1845.

Wyenandt, C.A., Rhodes, L.H., Bennett, M.A. and R.M. Riedel. 2008. Cover crop mulch and fungicide program affect development of septoria leaf spot and marketable yield in processing tomato production. HortScience 43:807-810

Wyenandt, C.A., Heckman, J., and N. Maxwell. 2008. Pumpkin fruit size and quality improve with leaf mulch. HortTechnology 18:361-364.

Both, A.J., Riess, E., Holmstrom, K.E., **Wyenandt, C.A.**, Kline, W.L., and S.A. Garrison. 2007. Evaluation of a manual energy curtain for tomato production in high tunnels. HortTechnology 17:467-472.

Abstracts

McGrath, M.T., **Wyenandt, C.A.**, Raid, R.N., Babadoost, M., and Wick R.L. 2010. Occurrence of basil downy mildew in the eastern U.S. in 2009. Phytopathology 100:S196.

Wyenandt, C.A. and Maxwell, N.L. 2010. Determining the development of 'practical' fungicide resistance in cucurbit powdery mildew of pumpkin. Phytopathology 100:S139.

Wyenandt, C.A., Simon, J.E., and Park, C. 2009. Evaluation of Basil (*Ocimum* spp.) cultivars and breeding lines for susceptibility to downy mildew. Phytopathology 100:S198.

Cowgill, W., W. Autio, S. Sollner-Figler, K. Holmstrom, R. Magron, M. Maletta, M. Muehlbauer, G. Sliffer and **A. Wyenandt**. 2010. Evaluation of fungicide chemistries and programs for practical resistance development in cucurbit powdery mildew in New Jersey in 2009. HortScience 45:483.

Carleo, J.S., D. L. Ward, N. Polanin, **A. Wyenandt**, P. Nitzsche, G. Wulster, and P. Perdomo. 2009. Zinnia variety evaluation for powdery mildew and bacterial leaf spot. HortScience 44:1093.

Carleo, J.S., P., Polanin, N., P. Nitzsche, **A. Wyenandt**, D. Ward, G. Wulster, and P. Perdomo. 2009. Incidence and severity of foliar diseases in five varieties of zinnia. HortScience 44:551.

- Wyenandt, C.A.**, McGrath, M.T., Rideout, S.L., Gugino, B.K., Everts, K.L., and Mulrooney, R.P. 2009. Fungicide resistance management guidelines for cucurbit downy and powdery mildew control in the mid-Atlantic and Northeast regions of the U.S. *Phytopathology* 99:S144.
- Infante-Casella, M., **A. Wyenandt**, N. Maxwell, and R. Samulis. 2008. Evaluation of pumpkin cultivars for yield and powdery mildew tolerance. *HortScience* 43:1255-1256.
- Wyenandt, C.A.**, Everts, K.E., Mulrooney, R.L., and Rideout, S.L. 2008. Developing a fungicide resistance management guide for vegetable crops grown in the mid-Atlantic region. *Phytopathology* 98:S173-S174.
- Kline, W.L., **C.A. Wyenandt**, D.L. Ward, and J.H. Sudal. 2008. Tomato yields in high tunnel production influenced by the number and placement of drip lines in soilless bags. *HortScience* 43:599.
- Casella, M.L. and **C.A. Wyenandt**. 2008. Yield evaluation of powdery mildew resistant zucchini and yellow summer squash varieties. *HortScience* 43:595.
- Kline, W.L., **C.A. Wyenandt**, D.L. Ward, and J.H. Sudal. 2008. Bell pepper skin separation (silvering) influenced by fertilizer treatments. *HortScience* 43:1158.
- Wyenandt, A.**, W.L. Kline, A.J. Both, and D. Ward. 2007. Effects of soilless bag production and soil fumigation on the development of white mold (*Sclerotinia*) in tomato high-tunnel production. *HortScience* 42:431.
- Carleo, J.S., P. Nitzsche, N. Polanin, P. Perdomo, G. Wulster, **A. Wyenandt**, and A.B. Gould. 2007. Preliminary review of zinnia and sunflower cultivars for cut flower production in New Jersey. *HortScience* 42:434.
- Kline, W.L., **C.A. Wyenandt**, and J.F. Sudal. 2007. Effect of fertilizer rates and materials on bell pepper silvering (skin separation). *HortScience* 42:433-434.
- Infante-Casella, M., **C.A. Wyenandt**, and M.R. Henninger. 2007. Evaluation of zucchini and yellow summer squash breeding lines and varieties for powdery mildew and downy mildew tolerance. *HortScience* 42:433.
- Wyenandt, C.A.**, Kline, W.L., Ward, D.L., Sudal, J.F., and Maxwell, N.L. 2007. Relationship between skin separation and *Phytophthora*-resistance in bell pepper cultivars and breeding lines. *Phytopathology* 97:S125.
- Wyenandt, A.** and Maxwell, N. 2006. Effect of fungicide chemistry and cultivar on the development of cucurbit powdery mildew in pumpkin in New Jersey. *Phytopathology* 97:S179.
- Wyenandt, A.**, and Kline, W.L. 2006. Effects of cultivar and production system on the development of skin separation (silvering) in bell pepper fruit in New Jersey. *Phytopathology* 96:S125.
- Kline, W.L., and **A. Wyenandt**. 2006. Evaluation of skin separation (silvering) in fruit of bell pepper cultivars. *HortScience* 41:494.
- Cowgill, W., K. Holmstrom, A. **Wyenandt**, J. Clements, and M. Malatta. 2005. Evaluation of Phostrol for downy mildew control on pumpkin (*C. pepo*). *HortScience* 40:1055.

Published Conference Proceedings

- Wyenandt, C.A.**, D.L. Ward, and N.L. Maxwell. 2010. 'Practical' fungicide resistance and cross resistance development in cucurbit powdery mildew of pumpkin in New Jersey. *Cucurbitaceae* 2010. Charleston, NC. November 14-18. (*in press*)
- Casella, M.L., and **C.A. Wyenandt**. 2010. Kabocha Squash Variety Evaluations in New Jersey. *Cucurbitaceae* 2010. Charleston, NC. November 14-18. (*in press*)
- Rideout, S.L., **C.A. Wyenandt**, B.K. Gugino, M.T. McGrath, K.L. Everts and R.P. Mulrooney. 2010. Fungicide resistance management guidelines for control of important tomato diseases in the mid-Atlantic and Northeast regions of the US. Proceedings of the 3rd International Symposium on Tomato Diseases, Ischia, Italy. July 25-30. (submitted)
- Wyenandt, C.A.**, K.L. Everts, R.P. Mulrooney, S.L. Rideout, B.K. Gugino and N.L. Maxwell. 2009. Fungicide resistance management guidelines for vegetable crops grown in the mid-Atlantic region. Proceedings of the 6th International Integrated Pest Management Symposium. Portland, OR. March 24-26, 2009. pp. 100-101.
- Wyenandt, C.A.**, Kline, W.L. and N.L. Maxwell. 2009. Evaluation of fungicides for the control of the fruit rot phase of *Phytophthora blight* in bell pepper production in New Jersey. Proceedings of the 2nd International *Phytophthora capsici* Meeting. Duck Key, FL. Dec. 1-2, 2009. pp. 19.
- Kline, W.L., and **C.A. Wyenandt**. 2009. Evaluation of bell pepper cultivars and breeding lines for resistance to the crown-rot phase of *Phytophthora blight* and the development of skin separation in fruit and marketable yield in New Jersey. Proceedings of the 2nd International *Phytophthora capsici* Meeting. Duck Key, FL. Dec. 1-2, 2009. pp. 16.
- Wyenandt, C.A.**, Kline, W.L., Ward, D.L. and N.L. Maxwell. 2009. Cultivar and production system effects on the development of skin separation or 'silvering' in fruit of bell pepper. Proceedings of the 2nd International *Phytophthora capsici* Meeting. Duck Key, FL. Dec. 1-2, 2009. pp. 10-11.
- Kline, W.L., **Wyenandt, C.A.**, Ward, D., Sudal, J., and N. Maxwell. 2008. Production method and fertility effects on the development of skin separation in fruit of bell pepper. Proceedings of the 19th International Pepper Conference, September 7-10, Atlantic City, New Jersey. pp. 25.
- Wyenandt, C.A.**, Kline, W.L., Ward, D., Sudal, J., and N. Maxwell. 2008. Current understanding of the relationship between skin separation and *Phytophthora*-resistance in bell pepper cultivars and breeding lines. Proceedings of the 19th International Pepper Conference, September 7-10, Atlantic City, New Jersey. pp. 17.
- Kline, W.L., **Wyenandt, C.A.**, Ward, D., Sudal, J., and N. Maxwell. 2008. Evaluation of *Phytophthora*-tolerant bell pepper breeding lines and cultivars for yield and fruit characteristics. Proceedings of the 19th International Pepper Conference, September 7-10, Atlantic City, New Jersey. pp. 29-30.
- Ward, D.L., **Wyenandt, C.A.**, Kline, W.L., and J.F. Sudal. 2008. Effect of planting date and row cover on high tunnel production. Proceedings of the 34th Annual National Plastics Congress. March 9, 2008. Tampa, FL.

- Wyenandt, C.A.** and Infante-Casella, M.L. 2008. Yield evaluation of powdery mildew resistant zucchini and yellow summer squash varieties. Proceedings of the 93rd Annual Meeting and Professional Improvement Conference. National Association of County Agricultural Agents (NACAA). July 13-17. Greensboro, NC. pp. 62.
- Wyenandt, C.A.**, Kline, W.L., Ward, D.L., Sudal, J.F. and N. L. Maxwell. 2007. Current understanding of the relationship between skin separation and *Phytophthora*-resistance in bell pepper cultivars and breeding lines. Proceedings of the 1st International *Phytophthora capsici* Meeting. November 27-29. Islamorada, FL. pp. 14-15.
- Kline, W.L., and **Wyenandt, C.A.** 2007. Evaluation of *Phytophthora*-tolerant bell pepper breeding lines and cultivars for yield and fruit characteristics. Proceedings of the 1st International *Phytophthora capsici* Meeting. November 27-29. Islamorada, FL. pp. 15-16.
- Kline, W.L., **Wyenandt, C.A.**, Ward, D.L., Sudal, J.F. and N. L. Maxwell. 2007. Production method and fertility effects on the development of skin separation in fruit of bell pepper. Proceedings of the 1st International *Phytophthora capsici* Meeting. November 27-29. Islamorada, FL. pp. 18-19.
- Wyenandt, C.A.** and W.L. Kline. 2006. Evaluation of bell pepper breeding lines and cultivars for yield and fruit characteristics. Proceedings of the 18th International Pepper Conference, May 21-23, 2006, Palm Springs, CA.
- Kline, W.L., and **Wyenandt, C.A.** 2006. Evaluation of skin separation (silvering) in fruit of bell pepper cultivars. Proceedings of the 18th International Pepper Conference. May 21-23, 2006, Palm Springs, CA.
- Wyenandt, A.** and Heckman, J.R. 2006. Mulch and nitrogen fertilizer effects on pumpkin yield and quality. The 18th World Congress of Soil Science Abstracts, July 9-15, 2006. pp. 558-559.
- Wyenandt, C.A.**, Casella, M.I., Henninger, M.R., Buckley, R., Tirpak, S., Holmstrom, K., Nitzsche, P.J., Tietjen, W.H., Samulis, R.J., Kline, W.L., Cowgill, W., and J.R. Heckman. 2006. Survey for cucurbit viruses in commercial fields and evaluation of virus resistant summer squash breeding lines in New Jersey. *Cucurbitaceae* 2006 Proceedings. pp. 539-541.
- Infante-Casella, M., **Wyenandt, C.A.**, and M.R. Henninger. 2006. Evaluation of zucchini and straightneck summer squash breeding lines and varieties for powdery mildew and downy mildew tolerance. *Cucurbitaceae* 2006 Proceedings. pp.116-120.
- Wyenandt, C.A.** 2006. Effect of fungicide chemistry and cultivar on the development of cucurbit powdery mildew on pumpkin in New Jersey. *Cucurbitaceae* 2006 Proceedings. pp. 534-538.
- Carleo, J. S., P. J. Nitzsche, N. Polanin, P. Perdomo, G. Wulster, **A. Wyenandt**, and A. Brooks Gould. 2006. Performance of zinnia and sunflower cultivars raised on black plastic mulch for cut flower production. Proceedings of the 33rd National Agricultural Plastics Congress. pp. 21.
- Fonseca, J., Kline, W.L., **Wyenandt, C.**, Hoque, M., and H. Ajwa. 2005. Microbial quality and shelf-life of harpin-treated head lettuce. Proceedings of the 32nd Annual Meeting of Plant Growth Regulation Society of America.
- Kline, W.L., **Wyenandt, C.A.**, and M.D. Zimmerman. 2004. Evaluations of *Phytophthora* resistant pepper cultivars and breeding lines. Proceedings of the 16th International Pepper Conference. pp. 14.

Conference Presentations

- Wyenandt, C.A.,** W.L. Kline, D.L. Ward and N.L. Maxwell. 2009. Cultivar and production system effects on the development of skin separation (or 'silvering') in fruit of bell pepper. The 2nd International *Phytophthora capsici* Meeting. Duck Key, FL, Dec. 1-2.
- Wyenandt, C.A.,** Kline, W.L. and N.L. Maxwell. 2009. Evaluation of fungicides for the control of the fruit rot phase of phytophthora blight in bell pepper production in New Jersey. The 2nd International *Phytophthora capsici* Meeting. Duck Key, FL., Dec. 1-2.
- Wyenandt, C.A.,** J.E. Simon and C. Park. 2009. Evaluation of Basil (*Ocimum* spp.) cultivars and breeding lines for susceptibility to downy mildew. Northeast American Phytopathological Society Division Meeting, Quebec City, Quebec, Oct. 28-30.
- Wyenandt, C.A.,** McGrath, M.T., Rideout, S.L., Gugino, B.K., Everts, K.L., and R.P. Mulrooney. 2009. Fungicide resistance management guidelines for cucurbit downy and powdery mildew control in the mid-Atlantic and Northeast regions of the U.S. American Phytopathological Society Annual Meeting, Portland, OR, August 1-5.
- Wyenandt, C.A.,** K.L. Everts, R.P. Mulrooney, S.L. Rideout, B.K. Gugino and N.L. Maxwell. 2009. Fungicide Resistance Management Guidelines for Vegetable Crops Grown in the mid-Atlantic Region. The 6th International Integrated Pest Management Symposium, Portland, OR, March 24-26.
- Wyenandt, C.A.,** Kline, W.L., Ward, D., Sudal, J., and N. Maxwell. 2008. Current understanding of the relationship between skin separation and phytophthora-resistance in bell pepper cultivars and breeding lines. 19th International Pepper Conference, Atlantic City, NJ, September 7-10.
- Wyenandt, C.A.,** Everts, K.E., Mulrooney, R.L., and S.L. Rideout. 2008. Developing a fungicide resistance management guide for vegetable crops grown in the mid-Atlantic region. American Phytopathological Society Annual Meeting, Minneapolis, MN, July 28-August 1.
- Wyenandt, C.A.,** Kline, W.L., Ward, D.L., Sudal, J.F. and N. L. Maxwell. 2007. Current understanding of the relationship between skin separation and Phytophthora-resistance in bell pepper cultivars and breeding lines. Proceedings of the 1st International *Phytophthora capsici* Meeting. November 27-29. Islamorada, FL.
- Wyenandt, A.** 2007. Understanding FRAC and fungicide resistance management. The 22nd Tomato Disease Workshop, Williamsburg, VA, October 24-26.
- Wyenandt, C.A,** Kline, W.L., Ward, D.L., Sudal, J.F., and N. L. Maxwell. 2007. Relationship between skin separation and Phytophthora-resistance in bell pepper cultivars and breeding lines. American Phytopathological Society Annual Meeting, San Diego, CA, July 28-August 1.
- Wyenandt, A.,** Kline, W.L., Both, A.J. and D. Ward. 2007. Effects of soilless bag production and soil fumigation on the development of white mold (*Sclerotinia*) in tomato high-tunnel production. Northeast Region - American Society for Horticultural Science, College Park, MD, January 4-6.

Wyenandt, A. and Maxwell, N. 2006. Effect of Fungicide Chemistry and Cultivar on the Development of cucurbit powdery mildew in pumpkin in New Jersey. Northeast Division of the American Phytopathological Society, Annual Meeting, Burlington, VT, November 7-9.

Wyenandt, A., and Kline, W.L. 2006. Effects of cultivar and production system on the development of skin separation (silvering) in bell pepper fruit in New Jersey. American Phytopathological Society Annual Meeting, Quebec City, Canada, July 29-August 1.

Wyenandt, C.A., and Kline., W.L. 2006. Relationship between *Phytophthora capsici* and skin separation (silvering) in bell pepper fruit. The 18th International Pepper Conference, Palm Springs, CA, May 21-23.

Wyenandt, C.A. 2006. Effect of fungicide chemistry and cultivar on the development of cucurbit powdery mildew in New Jersey. *Cucurbitaceae* 2006, Asheville, NC, September 17-21.

Wyenandt, C.A, Infante-Casella, M., Henninger, M.R., Buckley, R., Tirpak, S., Holmstrom, K., Nitzsche, P.J., Tietjen, W.H., Samulis, R.J., Kline, W.K., Cowgill, W., and J.R. Heckman. 2006. Survey for cucurbit viruses in commercial fields and evaluation of virus resistant summer squash breeding lines in New Jersey. *Cucurbitaceae* 2006, Asheville, NC, September 17-21.

Wyenandt, A. and Heckman, J.R. 2006. Mulch and nitrogen fertilizer effects on pumpkin yield and quality. World Congress of Soil Science, Philadelphia, PA, July 9-15.

Wyenandt, C.A. and Kline, W.L. 2006. Relationship between *Phytophthora capsici* and skin separation (silvering) in bell pepper fruit. The 18th International Pepper Conference, Palm Springs, CA, May 21-23.

W. Cowgill, K. Holmstrom, **A. Wyenandt,** J. Clements and M. Malatta. 2005. Evaluation of Phostrol for downy mildew control in pumpkin (*C. pepo*). ASHS Annual Conference, Las Vegas, NV, July 18-21.

Other Invited Presentations

Northeast Organic Farming Association - New Jersey (NOFA-NJ) Annual Meeting. 'Managing hard to control diseases in organic vegetable production.' New Brunswick, NJ. 01/30/10.

2009 Mid-Atlantic Crop Management School. 'Fungicide resistance management: guidelines for mid-Atlantic crops. University of Maryland, Ocean City, MD. 11/17/2009.

Current Concepts Course. 'An integrated approach to managing important vegetable diseases in the mid-Atlantic region'. University of Delaware, Newark, DE. 2/27/09.

North American Fungicide Resistance Action Committee (NA-FRAC) Annual Meeting. 'Developing a fungicide resistance management guide for vegetable crops grown in the mid-Atlantic region'. Minneapolis, MN. July 26, 2008.

Other Presentations, Lectures, Demonstrations (TV, Radio)

Television interview with Ed Rogers, NJN News, on the impacts of basil downy mildew on basil production in New Jersey. August 4, 2010.

http://www.youtube.com/watch?v=afahYU_K8U4&p=9AE9C6EF0D96315A&index=0

Basil downy mildew threatens New Jersey basil crop again. Philadelphia Inquirer, July 24, 2010.
http://www.philly.com/inquirer/food/20100724_Downy_mildew_threatens_New_Jersey_basil_crop_again.html

Channel 6ABC News. Television interview with Kathy Gandolfina in Salem County, NJ on the Late blight epidemic of 2009. July 30, 2009.
<http://abclocal.go.com/wpvi/story?section=news/local&id=6941105>

'Late blight in New Jersey'. A phone interview with John Weber, 101.5 FM, August 10, 2004

Rutgers Cooperative Extension Fact Sheets

Wyenandt, A. and P. Nitzsche. 2010. Fungicides for controlling diseases in the home garden. New Jersey Agricultural Experiment Station Fact Sheet (FS1224, in prep). Rutgers NJAES Cooperative Extension.

Wyenandt, A., W.L. Kline, and A.J. Both. 2006. Important diseases of tomatoes grown in high-tunnels and greenhouses in New Jersey. New Jersey Agricultural Experiment Station Fact Sheet (FS358). Rutgers NJAES Cooperative Extension.

Wyenandt, A., P. Nitzsche, and W. Cowgill. 2006. Diagnosing and managing important cucurbit diseases in the home garden. New Jersey Agricultural Experiment Station Fact Sheet (E310). Rutgers NJAES Cooperative Extension.

Wyenandt, A., and P. Nitzsche. 2005. Diagnosing and controlling fungal diseases of tomato in the home garden. New Jersey Agricultural Experiment Station Fact Sheet (FS547). Rutgers NJAES Cooperative Extension.

Wyenandt, A., and P. Nitzsche. 2005. Diagnosing and controlling Phytophthora blight in the home garden. New Jersey Agricultural Experiment Station Fact Sheet (FS548). Rutgers NJAES Cooperative Extension.

Vegetable Production and Recommendations Guides

Wyenandt, C.A., S.L. Rideout, B.K. Gugino, K.L. Everts and R.P. Mulrooney. 2010. Fungicide Resistance Management Guidelines for Vegetable Crops in the Mid-Atlantic Region. 38 pp.

Wyenandt, C.A. 2010. Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A., S.L. Rideout, B.K. Gugino, K.L. Everts and R.P. Mulrooney. 2009. Fungicide Resistance Management Guidelines for Vegetable Crops in the Mid-Atlantic Region. 38 pp.

Wyenandt, C.A. 2009. Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A., S.L. Rideout, B.K. Gugino, K.L. Everts and R.P. Mulrooney. 2008. Fungicide Resistance Management Guidelines for Vegetable Crops in the Mid-Atlantic Region. 37 pp.

Wyenandt, C.A. 2008. Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A., S.L. Rideout, B.K. Gugino, K.L. Everts and R.P. Mulrooney. 2007 Fungicide Resistance Management Guidelines for Vegetable Crops in the Mid-Atlantic Region. 38 pp.

Wyenandt, C.A. 2007 Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A. 2006 Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A. 2006 Strawberry Pest Control Recommendations for New Jersey. Senior Editor, Strawberry Disease Control.

Wyenandt, C.A. 2006 Strawberry Pest Control Recommendations for New Jersey. Senior Editor, Strawberry Disease Control.

Wyenandt, C.A. 2005 Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A. 2005 Strawberry Pest Control Recommendations for New Jersey. Senior Editor, Strawberry Disease Control.

Wyenandt, C.A. 2004 Commercial Vegetable Production Recommendations Guide for New Jersey. Senior Editor, Vegetable Disease Control.

Wyenandt, C.A. 2004 Strawberry Pest Control Recommendations for New Jersey. Senior Editor, Strawberry Disease Control.

Extension Publications, Non-Refereed

McGrath, M., **A. Wyenandt** and J. Simon. 2010. Downy mildew wars: A monitoring program can help growers determine if the basil downy mildew pathogen is present in their area. American Vegetable Grower - Bonus Coverage. February 2010.

<http://www.growingproduce.com/americanvegetablegrower/?storyid=3310>

Wyenandt, C.A. 2009. Evaluation of fungicides for the management of anthracnose fruit rot in processing tomato, 2009. Plant Disease Management Reports (on-line). Report No. 4:V128. doi:10.1094/PDMR03. The American Phytopathological Society, St. Paul, MN.

Wyenandt, C.A. 2009. Evaluation of fungicides for the control of the aerial phase of Phytophthora blight in bell pepper fruit, 2009. Plant Disease Management Reports (on-line). Report No. 4:V129. doi:10.1094/PDMR03. The American Phytopathological Society, St. Paul, MN.

- Wyenandt, C.A.** 2009. Evaluation of fungicides for the control of anthracnose fruit rot in bell pepper, 2009. Plant Disease Management Reports (on-line). Report No. 4:V130. doi:10.1094/PDMR03. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** 2009. Evaluation of MasterCop for the control of the aerial phase of Phytophthora blight in bell pepper, 2009. Plant Disease Management Reports (on-line). Report No. 4:V131. doi:10.1094/PDMR03. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** 2009. Evaluation of fungicides for the management of powdery mildew in cucurbits, 2009. Plant Disease Management Reports (on-line). Report No. 4:V132. doi:10.1094/PDMR03. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** 2009. Evaluations of fungicides for the management of downy mildew yellow summer squash, 2009. Plant Disease Management Reports (on-line). Report No. 4:V133. doi:10.1094/PDMR03. The American Phytopathological Society, St. Paul, MN.
- Gugino, B., **A. Wyenandt**, M. McGrath, and P. Ojiambo. Fighting downy mildew: Learn to forecast and manage this important pest. American Vegetable Grower. February 2009.
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- Wyenandt, C.A.** and N.L. Maxwell. 2008. Evaluation of fungicides for the control of anthracnose fruit rot in bell pepper fruit, 2008. Plant Disease Management Reports (on-line). Report No. 3:V024. doi:10.1094/PDMR02. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** and N.L. Maxwell. 2008. Evaluation of fungicides for control of the aerial phase of Phytophthora blight in bell pepper fruit, 2008. Plant Disease Management Reports (on-line). Report No. 3:V025. doi:10.1094/PDMR02. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** and N.L. Maxwell. 2008. Evaluation of Presidio for control of the aerial phase of Phytophthora blight in bell pepper fruit, 2008. Plant Disease Management Reports (on-line). Report No. 3:V026. doi:10.1094/PDMR02. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** and N.L. Maxwell. 2008. Evaluation of K-Phite for control of the aerial phase of Phytophthora blight in bell pepper fruit, 2008. Plant Disease Management Reports (on-line). Report No. 3:V027. doi:10.1094/PDMR02. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, C.A.** and N.L. Maxwell. 2007. Evaluations of fungicides for the control of Phytophthora blight in bell pepper, 2007. Plant Disease Management Reports (on-line). Report 2:V172. doi:10.1094/PDMR01. The American Phytopathological Society, St. Paul, MN.
- Wyenandt, A.** and M.T. McGrath. 2007. Rating risk: Mode of action plays a key role in fungicide resistance development. American Vegetable Grower. (online). May 2007.
- Wyenandt, A.** and N. Maxwell. 2007. Support Groups: Understanding FRAC code groups can help you maintain the effectiveness of valuable fungicide treatments. American Vegetable Grower - Bonus Coverage. April 2007.
<http://www.growingproduce.com/americanvegetablegrower/?storyid=1816>
- McGrath, M.T. and **A. Wyenandt**. 2007. Managing fungicide resistance and cucurbit powdery mildew. American Vegetable Grower - Bonus Coverage. July 2007.

Wyenandt, A. and G. Holmes. 2007. Understanding fungicide resistance management for cucurbit downy mildew control. *American Vegetable Grower - Bonus Coverage*. July 2007.

Wyenandt, C.A. and N.L. Maxwell. 2006. Evaluation of fungicides for management of powdery mildew and downy mildew in pumpkin, 2006. *Plant Disease Management Reports (on-line)*. Report 1:V060. DOI:10.1094/PDMR01. The American Phytopathological Society, St. Paul, MN.

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Trade Magazine Articles

McGrath, M.T., **C.A. Wyenandt** and J.E. Simon. 2010. Downy mildew wars: A monitoring program can help growers determine if the basil downy mildew pathogen is present in their area. *American Vegetable Grower*. Feb. 2010. pp. 10.

Gugino, B., **Wyenandt, A.**, Ojiambo, P. and M. McGrath. 2009. Fighting downy mildew: Learn to forecast and manage this important pest. *American Vegetable Grower*. Feb. 2009. pp. 52-53.

Wyenandt, A. and M.T. McGrath. 2007. Protecting our crops. *American Vegetable Grower*. 100th Anniversary Issue. Dec. 2007. pp. 9.

Wyenandt, A. and M.T. McGrath. 2007. Rating risk: Mode of action plays a key role in fungicide resistance development. *American Vegetable Grower*. pp. 24.

Wyenandt A. and N. Maxwell. 2007. Support groups: Understanding FRAC code groups can help you maintain the effectiveness of valuable fungicide treatments. *American Vegetable Grower*. pp. 20, 22.

Kline, W.L. and **C.A. Wyenandt**. 2006. Evaluation of bell pepper breeding lines and cultivars for yield and fruit characteristics. *in Book Of Abstracts*, Supplement to *The Grower* magazine. pp. 8.

Wyenandt, C.A. and W.L. Kline. 2006. Relationship of skin separation (silvering) in fruit of bell pepper cultivars. *in Book Of Abstracts*, Supplement to *The Grower* magazine. pp. 11.

State and Regional Extension Presentations and Publications

Wyenandt, A. and W. Kline. 2010. Evaluation of bell pepper varieties. The 55th Atlantic Coast Agricultural Convention and Trade Show. January 12-14, 2010. Atlantic City, NJ. pp. 75-77.

Wyenandt, A. 2010. Pepper disease and control options for 2010. The 55th Atlantic Coast Agricultural Convention and Trade Show, January 12-14, 2010. Atlantic City, NJ. pp. 72-74.

- Wyenandt, A.** and J.E. Simon. 2010. Update on basil downy mildew. The 55th Atlantic Coast Agricultural Convention and Trade Show, January 12-14, 2010. Atlantic City, NJ. pp 48.
- Wyenandt, A.** and N. Maxwell. 2008. Tomato disease management update. The 53rd New Jersey Annual Vegetable Meeting Atlantic City, New Jersey, January 15-17, 2008. pp. 16-18.
- Wyenandt, A.** and N. Maxwell. 2008. Management of diseases and physiological disorders in peppers. The 53rd New Jersey Annual Vegetable Meeting Atlantic City, New Jersey, January 15-17, 2008. pp. 119-124.
- Wyenandt, A.** and N. Maxwell. 2008. Cucurbit diseases and update on fungicides. The 53rd New Jersey Annual Vegetable Meeting Atlantic City, New Jersey, January 15-17, 2008. pp. 82-84.
- Wyenandt, A.** 2008. Phytophthora blight and other important diseases and disorders in pepper. Mid-Atlantic Fruit and Vegetable Convention. January 29-February 2. Hershey, PA. pp. 144-146.
- Wyenandt, A.** 2008. Update on diseases of vine crops. Mid-Atlantic Fruit and Vegetable Convention. January 29-February 2. Hershey, PA. pp. 72-74.
- Wyenandt, A.** 2007. Update on pepper diseases and disorders. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey. pp 106.
- Wyenandt, A.** 2007. High tunnel and field tomato disease control. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey. pp. 142-144.
- Wyenandt, A.** 2007. Cucurbit diseases and update on fungicide control. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey. pp. 63-67.
- Wyenandt, A.** 2007. Managing fungicide resistance in vegetable crops. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey. pp. 31-32.
- Wyenandt, A.,** Kline, W.L., and N.L. Maxwell. 2006. Evaluation of production systems and cultivars on the development of skin separation (silvering) in bell pepper fruit. The 37th Annual Mid-Atlantic Vegetable Workers Conference, November 2-3, Newark, DE. pp. 99-100.
- Infante-Casella, M., **Wyenandt, C.A.,** and M.R. Henninger. 2006. Zucchini and yellow summer squash variety evaluations for powdery mildew and downy mildew resistance. The 37th Annual Mid-Atlantic Vegetable Workers Conference, November 2-3, Newark, DE. pp. 28-32.
- Wyenandt, A.** and N. Maxwell. 2006. Evaluation of fungicide programs and FRAC groups for the management of cucurbit powdery mildew in pumpkin. The 37th Annual Mid-Atlantic Vegetable Workers Conference, November 2-3, Newark, DE. pp. 48-50.
- Wyenandt, A.** 2006. Managing Phytophthora in pepper and eggplant. 2006 Mid-Atlantic Fruit and Vegetable Convention, January 31-February 2, 2006, Hershey, PA. pp.158-160.

Wyenandt, A. 2006. Tomato disease control. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey. CD. Vol. 2.

Wyenandt, A. 2006. Fungicide rotation for disease control and resistance management in strawberry. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey. CD Vol. 2.

Wyenandt, A. 2006. Managing fungicide resistance in vegetable crops. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey. pp. 81-82.

Wyenandt, A. 2008. Disease in leafy greens. Mid-Atlantic Fruit and Vegetable Convention. January 29-February 2. Hershey, PA. pp. 154-155.

Wyenandt, A. 2006. Fungicide trials for downy and powdery mildew in pumpkin and managing resistance is the key to controlling powdery mildew. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey. pp. 35-41.

Wyenandt, A. 2005. Late blight and other important disease of tomato. The 50th New Jersey Annual Vegetable Meeting and Trade Show. January 11-13, Atlantic City, New Jersey. pp. 92-93.

Wyenandt, A. 2005. Downy mildew and other important diseases on cucurbits/pumpkins in 2004. The 50th New Jersey Annual Vegetable Meeting and Trade Show. January 11-13, Atlantic City, New Jersey. pp. 61-62.

Wyenandt, A., Infante-Casella, M. and M. Henninger. 2005. Zucchini and yellow squash variety disease evaluation trial results - 2005. The 36th Annual Mid-Atlantic Vegetable Workers Conference. November 2-3, Newark, DE. pp. 54-56.

Wyenandt, A. 2005. Fungicide resistance management for powdery mildew in pumpkin, and fungicide trials for downy mildew control in cucurbits. The 36th Annual Mid-Atlantic Vegetable Workers Conference. November 2-3, Newark, DE. pp. 50-53.

Weekly Vegetable IPM Tomato, Potato and Asparagus FAX and email Reports

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2010. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Ingerson-Mahar, J. and M.R. Henninger. 2010. Potato Disease Forecast Reports.

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2009. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Ingerson-Mahar, J. and M.R. Henninger. 2008. Potato Disease Forecast Reports.

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2008. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Ingerson-Mahar, J. and M.R. Henninger .2008. Potato Disease Forecast Reports.

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2007. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Ingerson-Mahar, J. and M.R. Henninger 2007. Potato Disease Forecast Reports.

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2006. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Ingerson-Mahar, J. and M.R. Henninger. 2006. Potato Disease Forecast Reports.

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2005. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Ingerson-Mahar, J. and M.R. Henninger. 2005. Potato Disease Forecast Reports.

Wyenandt, C.A., 2005. Asparagus Disease Forecast Reports.

Wyenandt, C.A., Kline, W.L. and Ingerson-Mahar, J. 2004. Processing Tomato Disease Forecast Reports.

Wyenandt, C.A., Zimmerman, M.D. and M.R. Henninger. 2004. Potato Disease Forecast Reports.

Wyenandt, C.A., 2004. Asparagus Disease Forecast Reports.

Section 18 Requests

Manzate Pro-Stick for the control of bacterial leaf spot in pepper (submitted 3/10)

Topsin M for the control of White mold in tomato (submitted 4/07, granted 5/07)

Topsin M for the control of White mold in tomato (submitted 2/07, granted 4/2007)

Topsin M for the control of White mold in tomato (submitted 2/06, granted 4/2006)

Rutgers Agricultural Research and Extension Center - Annual Reports

Wyenandt, A. and N. Maxwell. 2007. Rutgers Agricultural research and Extension Center - 2007 Summary. 46 pp.

Wyenandt, A. and N. Maxwell. 2006. Rutgers Agricultural research and Extension Center - 2006 Research Summary. 54 pp.

Wyenandt, A. and N. Maxwell. 2005. Rutgers Agricultural research and Extension Center - 2005 Research Summary. 48 pp.

Teaching

Invited Guest Lectures in Classroom:

Summer 2010, Plant Disease Clinic 16:765:536, 10 students

Spring 2010, Advanced Plant Breeding 16:765:528. Overview on breeding for plant resistance, 20 students

Fall 2009, Principles of Organic Production 11:776:211. Disease management in organic crop production, 20 students

Spring 2009, Current Concepts Course, University of Delaware. An integrated approach to managing important vegetable diseases in the mid-Atlantic region, 25 students. Hosted by Nicole Donofrio.

Spring 2009, Advanced Plant Breeding, 16:765:528. Overview on breeding for plant resistance, 15 students

Fall 2008, Principles of Organic Production 11:776:211. Disease management in organic crop production, 15 students

Summer 2008, Plant Disease Clinic 16:765:536, 10 students

Spring 2008, Advanced Plant Breeding 16:765:528. Breeding for plant resistance, 15 students

Fall 2007, Principles of Organic Production 11:776:211. Disease management in organic crop production, 15 students

Spring 2007, Advanced Plant Breeding 16:765:528, 11 students

Fall 2006, Principles of Organic Crop Production 11:776:211 Disease management in organic crop production, 24 students

Summer 2006, Plant Disease Clinic 16:765:536, 8 students

Spring 2006, Advanced Plant Breeding 16:765:528. Breeding for plant resistance, 12 students

Spring 2005, Advanced Plant Breeding 16:765:528. Breeding for plant resistance, 15 students

Extension Teaching

Wyenandt, A. Northeast Organic Farming Association - New Jersey (NOFA-NJ) Annual Meeting. Managing hard to control diseases in organic vegetable production. January 30, 2010, New Brunswick, NJ.

Wyenandt, A. and W. Kline. 2010. Evaluation of bell pepper varieties. The 55th Atlantic Coast Agricultural Convention and Trade Show. January 12-14, 2010. Atlantic City, NJ.

- Wyenandt, A.** 2010. Pepper disease and control options for 2010. The 55th Atlantic Coast Agricultural Convention and Trade Show, January 12-14, 2010. Atlantic City, NJ.
- Wyenandt, A.** and J.E. Simon. 2010. Update on basil downy mildew. The 55th Atlantic Coast Agricultural Convention and Trade Show, January 12-14, 2010. Atlantic City, NJ.
- Wyenandt, A.** 2009. Fungicide resistance management: guidelines for mid-Atlantic crops. Mid-Atlantic Crop Management School, University of Maryland, November 17, 2009, Ocean City, MD.
- Wyenandt, A.** 2008. Phytophthora blight and other important diseases and disorders in pepper. Mid-Atlantic Fruit and Vegetable Convention. January 29-February 2. Hershey, PA.
- Wyenandt, A.** 2008. Disease in leafy greens. Mid-Atlantic Fruit and Vegetable Convention. January 29-February 2. Hershey, PA.
- Wyenandt, A.** 2008. Update on diseases of vine crops. Mid-Atlantic Fruit and Vegetable Convention. January 29-February 2. Hershey, PA. pp.
- Wyenandt, A.** and N. Maxwell. 2008. Tomato disease management update. The 53rd New Jersey Annual Vegetable Meeting Atlantic City, New Jersey, January 15-17, 2008. pp. 16-18.
- Wyenandt, A.** and N. Maxwell. 2008. Cucurbit diseases and update on fungicides. The 53rd New Jersey Annual Vegetable Meeting Atlantic City, New Jersey, January 15-17, 2008. pp. 82-84.
- Wyenandt, A.** and N. Maxwell. 2008. Management of diseases and physiological disorders in peppers. The 53rd New Jersey Annual Vegetable Meeting Atlantic City, New Jersey, January 15-17, 2008. pp. 119-124.
- Wyenandt, A.** 2007. Update on pepper diseases and disorders. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey.
- Wyenandt, A.** 2007. High tunnel and field tomato disease control. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey.
- Wyenandt, A.** 2007. Cucurbit disease and update on fungicides. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey.
- Wyenandt, A.** 2007. Managing fungicide resistance in vegetable crops. The 52nd New Jersey Annual Vegetable Meeting, January 16-18, 2007, Atlantic City, New Jersey.
- Wyenandt, A.,** Kline, W.L., and N.L. Maxwell. 2006. Evaluation of production systems and cultivars on the development of skin separation (silvering) in bell pepper fruit. The 37th Annual Mid-Atlantic Vegetable Workers Conference, November 2-3, Newark, DE.
- Wyenandt, A.** and N. Maxwell. 2006. Evaluation of Fungicide Programs and FRAC groups for the management of cucurbit powdery mildew in pumpkin. The 37th Annual Mid-Atlantic Vegetable Workers Conference, November 2-3, Newark, DE.
- Wyenandt, A.** 2006. Managing Phytophthora in pepper and eggplant. 2006 Mid-Atlantic Fruit and Vegetable Convention, January 31-February 2, 2006, Hershey, PA.

Wyenandt, A. 2006. Tomato disease control. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey.

Wyenandt, A. 2006. Fungicide rotation for disease control and resistance management in strawberry. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey.

Wyenandt, A. 2006. Managing fungicide resistance in vegetable crops. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey.

Cowgill, W., **C.A. Wyenandt**, and K Holmstrom. 2006. Low cost fungicide alternatives for pumpkin production. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey.

Wyenandt, A., M. Infante-Casella, M. Henninger, R. Buckley, and S. Tirpak. 2006. 2005 Zucchini and yellow squash variety disease evaluation trial results. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey.

Wyenandt, A. 2006. Fungicide trials for downy and powdery mildew in pumpkin and managing resistance is the key to controlling powdery mildew. The 51st New Jersey Annual Vegetable Meeting and Trade Show. January 10-12, Atlantic City, New Jersey.

Wyenandt, A. 2005. Late blight and other important disease of tomato. The 50th New Jersey Annual Vegetable Meeting and Trade Show. January 11-13, Atlantic City, New Jersey.

Wyenandt, A. 2005. Downy mildew and other important diseases on pumpkins in 2004. The 50th New Jersey Annual Vegetable Meeting and Trade Show. January 11-13, Atlantic City, New Jersey.

Wyenandt, A., Infante-Casella, M. and M. Henninger. 2005. Zucchini and yellow squash variety disease evaluation trial results. The 36th Annual Mid-Atlantic Vegetable Workers Conference. November 2-3, Newark, DE.

Wyenandt, A. 2005. Fungicide resistance management for powdery mildew in pumpkin, and fungicide trials for downy mildew control in cucurbits. The 36th Annual Mid-Atlantic Vegetable Workers Conference. November 2-3, Newark, DE.

Service

Conferences, Workshops, and Organizations

2009-present: Vice-Chair, Pathogen Resistance Committee, The American Phytopathological Society

2009-present: Chair, Northeast Vegetable IPM Working Group.

2008-2009: Chair of 2009 Annual Meeting for the WERA-060: Management of Pesticide Resistance Multistate Research Project.

2007-2008: Co-Chair with Wesley L. Kline, Cumberland County Agricultural Agent for The 19th International Pepper Conference, Atlantic City, New Jersey, September 7-10, 2008.

2007-2009: Symposium Chair, Northeast Division of the American Phytopathological Society (NED-APS)

Editorial Activities

Membership on Editorial Boards of Scholarly or Professional Journals

2007-present: Section Editor - Citrus, tropical, vegetable and miscellaneous crops - Plant Disease Management Reports. The American Phytopathological Society

Memberships/Offices Held in Scholarly and Professional Societies

2010-present: Chair, Pathogen Resistance Committee, American Phytopathological Society (APS)

2009-present: Chair, Northeast Vegetable Integrated Pest Management (IPM) Working Group

2009-present: Member of Scientific Committee International *Phytophthora capsici* Conference. Held every two years in December.

2009-present: Invited member to the Northeast Vegetable IPM Working Group

American Phytopathological Society (APS, NED-APS)

- Northeast Division of the American Phytopathological Society (NED-APS) Graduate Award Committee (2007-2009)
- APS Resistance Management Committee (2009 - present)
- Moderator for Diseases of Vegetable Crops Session at 2007 APS annual meeting, San Diego
- Symposium coordinator, 2007 NED-APS meeting in Cape May, New Jersey.
- Section Editor - Citrus, Tropical, Vegetable and Misc. Crops - Plant Disease Management Reports

American Society for Horticultural Science (ASHS)

New Jersey Agribusiness Association (NJAA) – Board of Directors 2005-2007, Vice-President 2008, President 2009-2010

2004-present: Rutgers Cooperative Extension Vegetable Working Group

2004-present: Mid-Atlantic Vegetable Working Group

Service to Rutgers University

2005-present: Greenhouse Committee, Rutgers Agricultural Research & Extension Center, Bridgeton.

Students Supervised

Students Supervised for Independent Studies

2007. Sean O'Hare. Undergraduate Student, Biology. Summer Intern at Rutgers Agricultural Research and Extension Center, Bridgeton. Project Title: Effects of fertilizer schedule on the development of skin separation in fruit of bell pepper.

Funding

Single Discipline, Externally-Funded Research and/or Training Grants

5/2010-12/10. Monsanto Company. Evaluation of pumpkin cultivars for virus resistance. Andy Wyenandt, P.I. (Contract Amount: \$6,300)

5/1/2010-12/2010. Stoller USA. Evaluation of fertility programs in bell pepper production in New Jersey. Andy Wyenandt, P.I. (Grant Amount: \$13,500)

6/2010-12/2010. IR-4 grant. Evaluation of biopesticides for the control of basil downy mildew. Andy Wyenandt, P.I. (Grant Amount: \$8,000)

6/2009-12/2011. USDA Crops At Risk Grant Program. Integrated management of snap bean pythium cottony leak through isolate characterization, fungicide sensitivity and host resistance. Steven L. Rideout, VA Tech, P.D. (Subcontract Grant Amount: \$20,154)

05/2009-12/2010. The Charles E. and Lena Maier 2005 Research Award. New Jersey Vegetable Growers Association. Determination on the causes of russetting in bell pepper fruit. Andy Wyenandt and Wesley Kline, Co-PI's (Grant Amount: \$3,004)

05/2009-12/2009. Northeast IPM Center Partnership Grant Program. Fungicide resistance management guidelines for cucurbit downy and powdery mildew control in the Northeastern US. A. Wyenandt, P.I. (Grant Amount: \$7,125)

04/2008-12/2008. Northeast IPM Center Partnership Grant Program. Developing a fungicide resistance management guide for vegetable growers in the mid-Atlantic region. Andy Wyenandt, P.I. (Grant Amount: \$20,000)

05/2008-12/2009. USDA PIPE GRANT. Expanding IPM-PIPE for cucurbit downy mildew forecasting. P.I., G. Holmes, North Carolina State University. (Subcontract Grant Amount: \$8,000)

12/2006-12/2006. Northeast SARE Partnership Grants Program. Evaluating the effects of production system and cultivar on the development of silvering in bell pepper fruit. Andy Wyenandt and Wesley Kline, Co-P.I.'s. (Grant Amount: \$9,860)

01/2007-12/2007. Northeast IPM Center Partnership Grant Program. Developing a fungicide resistance management guide for vegetable growers in the mid-Atlantic states. Andy Wyenandt, P.I. (Grant Amount: \$10,000)

06/2005-12/2005. Northeast SARE Partnership Grants Program. Evaluating the effects of variety and production system on the development of silvering in bell pepper fruit. Andy Wyenandt and Wesley Kline, Co-P.I.'s (Grant Amount: \$9,824)

12/2005-12/2007. Development and dissemination of an integrated management plan for bacterial canker of tomato. 20055 Northeast IPM Center Partnership Grants Program. Andy Wyenandt, Kris Holmstrom, Joseph Ingerson-Mahar Co-PI's (Grant Amount: \$39,000)

06/2005-12/2005. The Charles E. and Lena Maier 2005 Research Award. New Jersey Vegetable Growers Association. Evaluation of fungicide maintenance programs for downy mildew control in cucurbit crops. Andy Wyenandt (Grant Amount: \$4,600)

05/2005-12/2005 IR4 Grant – IR4 Pilot performance. Control of Phytophthora blight in Bell Pepper. Andy Wyenandt, P.I. (Grant Amount: \$10,000)

Annual Industry-Supported Research Funds

2010. Industry-supported field research trials. Andy Wyenandt, P.I. (~\$73,000)

2009. Industry-supported field research trials, Andy Wyenandt, P.I. (\$42,000)

2008. Industry-supported field research trials, Andy Wyenandt, P.I. (\$24,500)

2007. Industry-supported field research trials. Andy Wyenandt, P.I. (\$19,000)

2006. Industry-supported field research trials, Andy Wyenandt, P.I. (\$25,500)

2005 Industry-supported field research trials, Andy Wyenandt, P.I. (\$24,000)

2004-2010. Industry-sponsored evaluation of Phytophthora-tolerant bell pepper cultivars. Andy Wyenandt and Wesley Kline, Co-PI's (\$16,763)

Single Discipline, Internally-Funded Research and/or Training Grants

01/2008-06/2008. Internal Hatch Awards Program, NJAES. Evaluation of bell pepper breeding lines and cultivars for Phytophthora-tolerance and development of 'silvering' in fruit. Andy Wyenandt (Grant Amount: \$5,000)

06/2006-12/2006. Snyder Farm Policy Committee, Special Local Needs Grant. Growing quality pumpkins on a leaf mulch bed. Andy Wyenandt and Joe Heckman, Co-PI's (Grant Amount: \$1,500)