

Daniel L. Ward

Title and Business Address:

Associate Extension Specialist
Associate Research Professor
School of Environmental and Biological Sciences
Department of Plant Biology
Rutgers Agricultural Research and Extension Center
121 Northville Road, Bridgeton, NJ 08302

Contact Information:

Phone: 856.455.3100 x4118
danward@njaes.rutgers.edu

Education

Highest Earned Degree

Ph.D. Virginia Polytechnic Institute and State University, Horticulture, 2004

Dissertation

Regulation of preharvest apple abscission

Other Earned Degrees

M.S. Southern Illinois University, Plant and Soil Science, 1993

B.S. The Ohio State University, Horticulture, 1987

Professional Employment History

2014-ongoing Director, Rutgers Agricultural Research and Extension Center

2014-ongoing Founding Director, New Jersey Center for Wine Research and Education

2013-ongoing Associate Extension Specialist - Pomology, Rutgers University

2006-2013 Assistant Extension Specialist - Pomology, Rutgers University

1998-2005 Laboratory Supervisor - Statistics, Virginia-Maryland Regional College of Veterinary Medicine

1994-1997 Graduate Assistant, Virginia Polytechnic Institute and State University

1993-1994 Research Technician, Abbott Laboratories

1992-1993 Researcher, Southern Illinois University

1989-1991 Graduate Research Assistant, Southern Illinois University

1986-1987 Research Technician, Empire Chestnut Company

Publications

Articles in Refereed Journals

2017 Wyenandt, C.A., Kline, W.L., Ward, D.L., Maxwell, N.L. 2016 Production System and Cultivar Effects on the Development of Skin Separation or "Silvering" in Bell Pepper Fruit. HortTechnology. 27(1): 1-8.

2016 Homa, K., Barney, W.P., Ward, D.L., Wyenandt, C.A., and Simon, J.E. Morphological Characteristics and Susceptibility of Basil Species and Cultivars to Peronospora belbahrii HortScience 51(11): 1-8.

- 2016 Sciarappa, W.J., Quinn, V., Ward, D.L. Comparing Conventional, Hybrid, and Distance Learning Courses in Horticulture. *HortTechnology*. 26(5): 1-6.
- 2015 Johnson-Cicalese, J, Polashock, J.J, Honig, J.A., Vaiciunas, J., Ward, D.L., Vorsa, N. Heritability of Fruit Rot Resistance in American Cranberry. *Journal of the American Society for Horticultural Science*. 140 (3), 233-242.
- 2014 Lalancette, N., Ward, D. L., Goffreda, J. C. 'Susceptibility of Peach Cultivars to Rusty Spot and Characterization of Susceptibility Groups. *HortScience* 49(5): 615-621
- 2014 Homa, K., Barney, W.P., Ward, D.L., Wyenandt, C.A., Simon, J.E. Evaluation of fungicides for the control of *Peronospora belbahrii* on sweet basil in New Jersey. *Plant Disease* (2014) (98)11:1561-1566.
- 2013 Marini, R.P., Autio, W.R., Black, B., Cline, J., Cowgill, W. R., Jr, Crassweller, R.M., Domoto, P.A., Hampson, C., Moran, R., Quezada, R.A., Robinson, T., Ward, D. L., Wolfe. D. Return bloom on 'Golden Delicious' apple trees as affected by previous season's crop density on three rootstocks at 11 locations. *Journal of the American Pomological Society* (2013) 67(2):72-79.
- 2012 Ward, D.L. A graphical and statistical analysis of the "Judgment of Princeton" wine tasting. *Journal of Wine Economics*. (2012) 7(2):155-168.
- 2012 Marini, R.P., and D.L. Ward. Using Analysis of Covariance with Unequal Slopes to Increase Efficiency and Information Obtained from Designed Experiments. *Journal of the American Pomological Society*. 66(2) (2012): 91-100.
- 2012 Marini, R.P., W.R. Autio, B. Black, J.A. Cline, W. Cowgill, Jr., R. Crassweller, P. Domoto, C. Hampson, R. Moran, R.A. Parra-Quezada, T. Robinson, M. Stasiak, D.L. Ward, and D. Wolfe. Summary of the NC-140 Apple Physiology Trial: The Relationship Between 'Golden Delicious' Fruit Weight and Crop Density at 12 locations as Influenced by Three Dwarfing Rootstocks. *Journal of the American Pomological Society* 66(2) (2012):78-90.
- 2011 Reighard, G. L., T. Beckman, R. Belding, B. Black, P. Byers, J. Cline, W. Cowgill, R. Godin, R. S. Johnson, J. Kamas, M. Kaps, H. Larsen, T. Lindstrom, M. Newell, D. Ouellette, R. Pokharel, L. Stein, K. Taylor, C. Walsh, D. Ward, and M. Whiting. 'Six-year Performance of the 14 Prunus Rootstocks at the 11 sites in the NC-140 Peach Trial. *Journal of the American Pomological Society* 65(1) (2011) 26-41
- 2011 Johnson, S., R. Andersen, W. Autio, T. Beckman, B. Black, P. Byers, J. Cline, C. Chavez-Gonzalez, W. Cowgill, R. Godin, G. Greene, M. Kaps, J. Kamas, H. Larsen, T. Lindstrom, D. Miller, M. Newell, D. Ophardt, D. Ouellette, R. Parra-Quezada, R. Pokharel, G. Reighard, T. Robinson, J. Schupp, L. Stein, K. Taylor, C. Walsh, D. Ward, M. Warmund, and M. Whiting. 'Performance of the 2002 NC-140 Cooperative Peach Rootstock Planting.' *Journal of the American Pomological Society* 65(1) (2011), 17-25.
- 2011 Kline, W. L., C. A. Wyenandt, D. L. Ward, J. F. Sudal, and N. L. Maxwell. 'Evaluation of Six Nitrogen Fertility Programs on Marketable Yield and Development of Skin Separation in Bell Pepper Fruit'. *HortTechnology* 21 (3) (2011), 323-328
- 2010 Wyenandt, C. A., J. E. Simon, M. T. McGrath, and D. L. Ward. 'Susceptibility of Basil Cultivars and Breeding Lines to Downy Mildew (*Peronospora belbahrii*).' *HortScience* 45 (9) (2010), 1416-1419.
- 2009 Ghidui, G., Ward, D.L., and G. S. Rogers. 'Control of European Corn Borer in Bell Peppers with Chlorantraniliprole applied through a drip irrigation system.' *International Journal of Vegetable Production*. Vol. 15 (2009): 193-201.
- 2009 Wilson, K. E., J. R. Wilcke, M. V. Crisman, D. L. Ward, H. C. McKenzie, W. K. Scarratt. 'Comparison of serum iohexol clearance and plasma creatinine clearance in clinically normal horses'. *American journal of veterinary research* 70 (12) (2009), 1545-1550
- 2008 Daugherty, M. A., M. S. Leib, J. H. Rossmeisl, F. S. Almy, and D. L. Ward. 'Safety and Efficacy of Oral Low-Volume Sodium Phosphate Bowel Preparation for Colonoscopy in Dogs.' *Journal of Veterinary Internal Medicine* 22 (1) (2008), 31-36

- 2008 Wyenandt, C. A., N. Maxwell, and D. L. Ward. 'Fungicide Programs Affect 'Practical' Resistance Development in Cucurbit Powdery Mildew of Pumpkin.' *HortScience* 43 (6) (2008), 1838-1845
- 2008 Nixon, A. J., Dahlgren, L. A., Haupt, J. L., Yeager, A. E., and Ward, D. L. 'Effect of adipose-derived nucleated cell fractions on tendon repair in horses with collagen-induced tendinitis.' *American Journal of Veterinary Research*. 69(7) (2008):928-937
- 2008 Witonsky, S.G., Ellison S. , Yang J., Gogal R.M., Lawler H., Suzuki Y., Sriranganathan N., Andrews F., Ward D., and Lindsay D.S. 'Horses experimentally infected with *Sarcocystis Neurona* develop altered immune responses in vitro.' *Journal of Parasitology*. 94(5) (2008): 1047-1054.
- 2008 Rodriguez-Saona, C.R., Miller, J. R., Polland, T. M., Kuhn, T. M., Otis, G. W., Turk, T., and Ward, D. L. 'Behaviors of adult *Agrilus planipennis* (Coleoptera:Buprestidae).' *Great Lakes Entomologist*. 40(1 &2) (2008):1-16
- 2008 Joyner, P. H., Jones, M. P., Ward, D., Gompf, R. E., Zagaya, N., and Sleeman, J. M. 'Induction and recovery characteristics and cardiopulmonary effects of sevoflurane and isoflurane in bald eagles.' *American Journal of Veterinary Research*. 69(1) (2008):13-22.
- 2007 Leib, M. S., R. B. Duncan, and D. L. Ward. 'Triple antimicrobial therapy and acid suppression in dogs with chronic vomiting and gastric *Helicobacter* spp.' *Journal of Veterinary Internal Medicine* 21 (6) (2007), 1185-1192
- 2006 Karnik, P.S., S. Johnston, D. Ward, R. Broadstone, and K. Inzana. 'The effects of epidural deracoxib on the ground reaction forces in an acute stifle synovitis model.' *Veterinary Surgery* 35 (1) (2006), 34-42
- 2006 King, M. D., Waldron, D. R., Barber, D. L., Larson, M. M., Saunders, G. K., Troy, G. C., Zimmerman-Pope, N., Ward, D. L. 'Effect of nephrotomy on renal function and morphology in normal cats.' *Veterinary Surgery*. 35 (2006):749-58.
- 2006 Yang, J., Ellison, S., Gogal, R.M., Norton, H., Ward, D., Lindsay, D.S., and Witonsky, S.G. 'Investigation of immune response to *Sarcocystis neurona* infection in naturally infected horses with equine protozoal myeloencephalitis.' *Veterinary Parasitology*. 138 (2006) 200-210.
- 2006 MacLean, H. N., Abbott, J. A., Ward, D. L., Huckle, W. R., Sisson, D. D., and Pyle, R. L. 'N-terminal atrial natriuretic peptide immunoreactivity in plasma of cats with hypertrophic cardiomyopathy.' *Journal of Veterinary Internal Medicine*. 20(2) (2006):284-9.
- 2006 Panciera, D. L., Refsal, K. R., Sennello, K. A., and Ward, D. L. 'Effects of deracoxib and aspirin on serum concentrations of thyroxine, 3,5,3'-triiodothyronine, free thyroxine, and thyroid-stimulating hormone in healthy dogs.' *American Journal of Veterinary Research*. 67 (2006): 599-603.
- 2006 Troy, G. C., Huckle, W. R., Rossmeisl, J. H., Panciera, D., Lanz, O., Robertson, J. L., and Ward, D. L. 'Endostatin and vascular endothelial growth factor concentrations in healthy dogs, dogs with selected neoplasia, and dogs with nonneoplastic diseases.' *Journal of Veterinary Internal Medicine*. 20 (2006):144-50.
- 2005 Fike, J. H., C. D. Teutsch, and D. L. Ward. 'Warm-season grass production responses to site and defoliation frequency.' Online. (2005) *Forage and Grazinglands* doi:10.1094/FG-2005-0824-01-RS
- 2005 Witonsky, S. G., Gogal, R. M., Duncan, R. B., Norton, H., Ward, D., and Lindsay, D. S. 'Prevention of meningo/encephalomyelitis due to *Sarcocystis neurona* infection in mice is mediated by CD8 cells.' *International Journal for Parasitology*. 35 (2005):113-123.
- 2005 Dodd, C. A., Ward, D. L., and Klein, B. G. 'Basal Ganglia accumulation and motor assessment following manganese chloride exposure in the C57BL/6 mouse.' *International Journal of Toxicology*. 24 (2005):389-97.
- 2005 Laudermilch, C. L., Holladay, S. D., Sponenberg, D. P., Saunders, G. K., Ward, D. L., and Prater, M. R. 'Placental improvement and reduced distal limb defects by maternal interferon-gamma injection in

- methylnitrosourea-exposed mice.' *Birth Defects Research Part A: Clinical and Molecular Teratology*. 73 (2005):597-604.
- 2005 Wong D. M., Buechner-Maxwell, V., Manning, T., and Ward, D. 'Evaluation of the precision of intradermal injection of control substances for intradermal testing in clinically normal horses.' *American Journal of Veterinary Research*. 66 (2005):1341-1347.
- 2005 Wong D. M., Buechner-Maxwell, V., Manning T., and Ward, D. 'Comparison of results for intradermal testing between clinically normal horses and horses affected with recurrent airway obstruction.' *American Journal of Veterinary Research*. 66 (2005):1348-1355.
- 2005 Herring, I. P., Bobofchak, M. A., Landry, M. P., and Ward, D. L. 'Duration of effect and effect of multiple doses of topical ophthalmic 0.5% proparacaine hydrochloride in clinically normal dogs.' *American Journal of Veterinary Research*. 66 (2005): 77-80
- 2005 Martínez, N. I., Panciera, D. L., Abbott, J. A., and Ward, D. L. 'Evaluation of pressor sensitivity to norepinephrine infusion in dogs with iatrogenic hyperadrenocorticism: pressor sensitivity in dogs with hyperadrenocorticism.' *Research in Veterinary Science*. 78 (2005): 25-31
- 2005 Larson, M. M., Panciera, D. L., Ward, D. L., Steiner, J. M., and Williams, D. A. 'Age-related changes in the ultrasound appearance of the normal feline pancreas.' *Veterinary Radiology & Ultrasound*. 46 (2005): 238-42
- 2005 White, N. A., Elward, A., Moga, K. S., Ward, D. L., and Sampson, D. M. 'Use of web-based data collection to evaluate analgesic administration and the decision for surgery in horses with colic.' *Equine Veterinary Journal*. 37 (2005):347-50
- 2005 Takafuji, V.A., Howard, R. D., Ward, D. L., Sharova, L. V., and Crisman, M. V. 'Modulation of equine articular chondrocyte messenger RNA levels following brief exposures to recombinant equine interleukin-1.' *Veterinary Immunology and Immunopathology* 106 (2005): 23-38.
- 2005 Abbott, J. A., Broadstone, R. V., Ward, D. L., and Pyle R. L. 'Hemodynamic effects of orally administered carvedilol in healthy conscious dogs.' *American Journal of Veterinary Research*. 66 (2005):637-41.
- 2005 Punareewattana, K., Gogal, R. M. Jr., Sharova, L. V., Ward, D. L., and Holladay S. D. 'Reduced birth defects caused by maternal immune stimulation in diabetic ICR mice: lack of correlation with placental gene expression.' *Immunological Investigations*. 34 (2005):71-89.
- 2005 Fike, J. H., K. E. Saker, S. F. O'Keefe, N. G. Marriott, D. L. Ward, J. P. Fontenot, and H. P. Veit. 'Effects of Tasco (a seaweed extract) and heat stress on N metabolism and meat fatty acids in wether lambs fed hays containing endophyte-infected fescue.' *Small Ruminant Research* 60 (3) (2005), 237-245
- 2005 Herring, I. P., Bobofchak, M. A., Landry, M. P., and Ward D. L. 'Duration of effect and effect of multiple doses of topical ophthalmic 0.5% proparacaine hydrochloride in clinically normal dogs.' *American Journal of Veterinary Research*. 66 (2005):77-80.
- 2004 Prater, M. R., Zimmerman, K. L., Ward D. L., and Holladay, S.D. 'Reduced birth defects caused by maternal immune stimulation in methylnitrosourea-exposed mice: association with placental improvement.' *Birth Defects Research Part A: Clinical and Molecular Teratology*. 70 (2004):862-9.
- 2004 Ehrich, M., Hancock, S., Ward, D., Holladay, S., Pung, T., Flory, L., Hinckley, J., and Jortner, B. S. 'Neurologic and immunologic effects of exposure to corticosterone, chlorpyrifos, and multiple doses of tri-ortho-tolyl phosphate over a 28-day period in rats.' *Journal of Toxicology Environmental Health*. 67 (2004):431-57.
- 2004 Harper, T. A. M., Martin, R.A., Ward, D. L., and Grant, J. W. 'An in vitro study to determine the effectiveness of a patellar ligament/fascia lata graft and new tibial suture anchor points for extracapsular stabilization of the cranial cruciate ligament-deficient stifle in the dog.' *Veterinary Surgery*. 33 (2004):531-541

- 2004 Herring, I. P., Herring, E. S., and Ward, D. L. 'Effect of orally administered hydrocortisone on intraocular pressure in nonglaucomatous dogs.' *Veterinary Ophthalmology*. 7 (2004): 381-384
- 2004 Hrubec, T. C., Ward, D., Smith, S. A., and Robertson, J. L. 'Age related changes in humoral immune response of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*).' *Veterinary Immunology Immunopathology*. 101 (2004):103-8
- 2004 Lopes, M. A. F., White, N. A. II, Crisman, M. V., and Ward, D. L. 'Effects of feeding large amounts of grain on colonic contents and feces in horses.' *American Journal of Veterinary Research*. 65 (2004):687-694
- 2004 Lopes, M. A. F., White, N. A., II, Donaldson, L., Crisman, M. V., and Ward, D. L. 'Effects of enteral and intravenous fluid therapy, magnesium sulfate, and sodium sulfate on colonic contents and feces in horses.' *American Journal of Veterinary Research*. 65 (2004): 695-704
- 2004 Saker, K. E., Fike, J. H., Veit, H., and Ward, D. L. 'Brown seaweed- (Tasco™) treated conserved forage enhances antioxidant status and immune function in heat-stressed wether lambs.' *Journal of Animal Physiology and Animal Nutrition*. 88 (2004):122-130
- 2003 Calemine, J., Zalenka, J., Karpuzoglu-Sahin, E., Ward, D. L., Lengi, A., and Ahmed, S. A. 'The immune system of geriatric mice is modulated by estrogenic endocrine disruptors (diethylstilbestrol, alpha-zearalanol, and genistein): effects on interferon-gamma.' *Toxicology*. 194 (2003):115-28.
- 2003 Forrester, S. D., Martínez, N. I., Panciera, D. L., Moon, M. L., Pickett, C. R., and Ward, D. L. 'Absence of urinary tract infection in dogs with experimentally induced hyperadrenocorticism.' *Research in Veterinary Science*. 74 (2003):179-182
- 2003 Gonda, K. C., Wilcke, J. R., Crisman, M. V., Ward, D. L., Robertson, J. L. Finco, D. R., and Braselton, W. E. 'Evaluation of iohexol clearance used to estimate glomerular filtration rate in clinically normal foals.' *American Journal of Veterinary Research*. 64 (2003):1486-1490
- 2003 Leininger, D. J., Roberson, J. R., Elvinger, F., Ward, D., and Akers, R. M. 'Evaluation of frequent milkout for treatment of cows with experimentally induced *Escherichia coli* mastitis.' *Journal of the American Veterinary Medical Association*. 222 (2003):63-6.
- 2003 McKlveen, T. L., Jones, J. C., Sponenberg, D. P., Scarratt, K., Ward, D. L., and Aardema, C. H., Jr. 'Assessment of the accuracy of computed tomography for measurement of normal equine pituitary glands.' *American Journal of Veterinary Research*. 64 (2003):1387-1394
- 2003 Panciera, D. L., Ritchey, J. W., and Ward, D. L. 'Endotoxin-induced nonthyroidal illness in dogs.' *American Journal of Veterinary Research*. 64 (2003):229-234
- 2003 Punareewattana, K., Sharova, L. V., Li, W., Ward D. L., and Holladay S. D. 'Reduced birth defects caused by maternal immune stimulation may involve increased expression of growth promoting genes and cytokine GM-CSF in the spleen of diabetic ICR mice.' *International Immunopharmacology*. 3 (2003):1639-55.
- 2003 Rowe, E. L., White, N. A., Buechner-Maxwell, V., Robertson, J. L., and Ward, D. L. 'Detection of apoptotic cells in intestines from horses with and without gastrointestinal tract disease.' *American Journal of Veterinary Research*. 64 (2003): 982-988
- 2002 Cook, A. G., Maxwell, V. B., Donaldson, L. L., Parker, N. A., Ward, D. L., and Morrow J. K. 'Detection of antibodies against *Sarcocystis neurona* in cerebrospinal fluid from clinically normal neonatal foals.' *Journal of the American Veterinary Medical Association*. 22 (2002):208-11
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- 2002 Lopes, M. A., Walker, B. L., White, N. A. 2nd, and Ward, D.L. 'Treatments to promote colonic hydration: enteral fluid therapy versus intravenous fluid therapy and magnesium sulphate.' *Equine Veterinary Journal* 34 (2002):505-9.
- 2002 Rossmeisl, J. H. Jr., Bright, P., Tamarkin, L., Simpson, B. W., Troy, G. C., Hueston, W., and Ward, D.L. 'Endostatin concentrations in healthy dogs and dogs with selected neoplasms.' *Journal of Veterinary Internal Medicine* 16 (2002):565-569
- 2002 Weigt, A. K., Herring, I. P., Marfurt, C. F., Pickett, J. P., Duncan, R. B. Jr., and Ward, D. L. 'Effects of cyclophotocoagulation with a neodymium:yttrium-aluminum-garnet laser on corneal sensitivity, intraocular pressure, aqueous tear production, and corneal nerve morphology in eyes of dogs.' *American Journal of Veterinary Research* 63 (2002):906-15
- 2001 Ward, D. L., Marini, R. P., and Byers, R. E. 'Relationships among day of year of drop, seed number, and weight of mature apple fruit.' *HortScience* 36 (2001): 45-48
- 2001 Cook, A. G., Buechner-Maxwell, V., Morrow, J. K., Ward, D. L., Parker, N. A., Dascanio, J. J., Ley, W. B., and Cooper, W. 'Interpretation of the detection of *Sarcocystis neurona* antibodies in the serum of young horses.' *Veterinary Parasitology* 95 (2001):187-95
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- 2001 Saker, K. E., Kalnitsky, J., Gogal, R. M. Jr., and Ward, D. L. 'Evaluation of a nonradioactive colorimetric assay for analysis of lymphocyte proliferation in healthy cats.' *American Journal of Veterinary Research* 62 (2001):567-71
- 2001 Murray, M. J., Nout, Y. S., and Ward, D. L. 'Endoscopic findings of the gastric antrum and pylorus in horses: 162 cases (1996-2000).' *Journal of Veterinary Internal Medicine*. 15 (2001):401-6
- 2000 Holladay, S. D., Sharova, L., Smith, B. J., Gogal, R. M. Jr., Ward, D. L., and Blaylock, B. L. 'Nonspecific stimulation of the maternal immune system. I. Effects On teratogen-induced fetal malformations.' *Teratology* 62 (2000):413-9
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- 2000 Sharova L., Sura P., Smith B. J., Gogal R. M. Jr., Sharov A. A., Ward D. L., Holladay S. D. 'Nonspecific stimulation of the maternal immune system. II. Effects on gene expression in the fetus.' *Teratology* 62 (2000):420-8
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Other Publications

- 2014 Kays, J.S., Felton, G.K., Ward, D.L. Effect of Nitrogen-Based Biosolid Application on Tree Growth, Water Quality, and Soil Phosphorus in Hybrid Poplar Plantations. *Proceedings of the Water Environment Federation* (2), 1-28.

2011 Johnson, S., Newell, M., Reighard, G., Robinson, T., Taylor, K. and Ward, D. 'Weather Conditions Affect Fruit Weight, Harvest Date and Soluble Solids Content of 'Cresthaven' Peaches.' *Acta Horticulturae*, Proceedings of the International Orchards Systems and Rootstocks Symposium. (2011)

2009 Reighard, G.L., T. Beckman, R. Belding, B. Black, J. Cline, W. Cowgill, R. Godin, R. S. Johnson, J. Kamas, M. Kaps, H. Larsen, T. Lindstrom, D. Ouellette, R. Pokharel, L. Stein, K. Taylor, C. Walsh, D. Ward and M. Whiting. 'Performance of Prunus rootstocks in the 2001 NC-140 peach trial.' *Acta Horticulturae*, Proceedings of the International Orchards Systems and Rootstocks Symposium. (2009)

Articles in Non-refereed or General Journals

2012 Frecon, J. L. and D. Ward. Your Pick of Peaches. *American/Western Fruit grower*. 132(6):14-15.(2012)

2012 Nitzsche, P.J., W.T. Hlubik, W.P. Cowgill Jr., G. Jelenkovic, D.L. Ward. An Update on the Rutgers New Jersey Agricultural Experiment Station Strawberry Breeding Program. *Horticultural News*. 92(3):8-11

2012 Frecon, J.L., and D.L. Ward. Testing and Evaluation of Plum and Plum Hybrid Cultivars. *Horticultural News*. 92(3):12-19. (2012)

2012 Cowgill, W., D. Ward, R. Magron, S. Solner-Fligler, W. Autio, and J. Krupa. Effects of System-CAL on Jersey Peaches in Massachusetts and New Jersey. *Horticultural News*: 92(2): 10-11. (2012).

2011 Autio, W., Krupa, J., Cowgill, W., Ward, D., Magron, R., and S. Sollner-Figler. Effects of System-CAL and ProGibb on Jersey Peaches in Massachusetts and New Jersey. *Horticultural News*. 91(2):1-5. (2011)

2008 Ward, D.L., Wyenandt, C.A., Kline, W.L., and J.F. Sudal. Effect of Planting Date and Row Cover on High Tunnel Strawberry Production. 2008. Vol. 88. No. 2 *Horticultural News*

2007 Ward, D., Delcher, D., and Frecon, J. Is Cable-tie Girdling an Effective Tool for New Jersey Peach Growers? 2007 *Horticultural News*. Vol. 87, No. 5.

Extension Fact Sheets

2017 FS1264 - Hilling-Up to Prevent Winter Injury in Vineyards, (2017) by Hemant Gohil, Peter Nitzsche, and Daniel Ward, 3 pages, permanently archived.

2016 FS1260 - Red Leaves in the Vineyard: Biotic and Abiotic Causes, (2016) by Hemant Gohil, Mizuho Nita, Gary Pavlis, and Daniel Ward, 4 pages, permanently archived.

2016 FS1252 - Evaluate Your Wine Grape Planting Material Before Planting, (2016) by Hemant Gohil, Gary Pavlis, and Daniel Ward, 2 pages, permanently archived.

2013 FS1206 - Planning to Start a Vineyard in New Jersey, (2013) by Peter Nitzsche, Jerry Frecon, Gary Pavlis, and Daniel Ward, 4 pages, permanently archived.

2012 FS1198 – Figs in the Home Garden, (2012) by Jerome Frecon and Dan Ward, 4 pages, permanently archived.

2008 FS685 - Nurseries and Nursery Dealers with Fruit Trees for New Jersey, (2008) by Jerry Frecon and Daniel Ward, 1 page, permanently archived.

2008 FS1083 - Plum Varieties for New Jersey, (2008) by Jerry Frecon and Daniel Ward, 2 pages, permanently archived.

2008 FS1074 - Flat Peach Varieties for New Jersey, (2008) by Jerry Frecon and Daniel Ward, 1 page, permanently archived.

2008 FS1073 - White-Fleshed Peach Varieties for New Jersey, (2008) by Jerry Frecon and Daniel Ward, 2 pages, permanently archived.

2008 FS1072 - Yellow-Fleshed Peach Varieties for New Jersey, (2008) by Jerry Frecon and Daniel Ward, 2 pages, permanently archived.

2008 FS1071 - Nectarine Varieties for New Jersey, (2008) by Jerry Frecon and Daniel Ward, 2 pages, permanently archived.

Extension Bulletins

2017 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2016 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2015 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Ann Nielsen, and Daniel Ward, 40 pages, annually archived.

2015 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2014 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Ann Nielsen, and Daniel Ward, 40 pages, annually archived.

2014 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2013 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2013 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Doug Pfeiffer, and Daniel Ward, 40 pages, annually archived.

2012 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Doug Pfeiffer, and Daniel Ward, 40 pages, annually archived.

2012 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2011 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Doug Pfeiffer, and Daniel Ward, 37 pages, annually archived.

2011 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 230 pages, archived annually.

2010 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Doug Pfeiffer, and Daniel Ward, 37 pages, annually archived.

2010 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 252 pages, archived annually.

2009 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 238 pages, archived annually.

2009 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Doug Pfeiffer, and Daniel Ward, 36 pages, annually archived.

2008 Mid-Atlantic Berry Guide, Contributor, 205 pages, biennially archived.

2008 Commercial Grape Pest Control Recommendations for New Jersey, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Peter Shearer, and Daniel Ward, 36 pages, annually archived.

2008 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 238 pages, archived annually.

2007 Commercial Grape Pest Control Recommendations, Editor, Rutgers/NJAES Bulletin E283, by Brad Majek, Peter Oudemans, Peter Shearer, and Daniel Ward, 33 pages, annually archived.

2007 New Jersey Commercial Tree Fruit Production Guide, Coordinating Editor and Discipline Editor for Horticulture, Rutgers/NJAES Bulletin E002, 186 pages, archived annually.

Published Conference Proceedings

2007 Ward, D.L., Wyenandt, C.A., Kline, W.L., and J.H Sudal. 2008. Effect of planting date and row cover on strawberry high tunnel production. American Society for Plasticulture. March 7 -10, 2008, Tampa, FL. In Proceedings of the 34th Annual National Plastics Congress.

2007 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* Conference. November 27-29. Islamorada, FL. pp. 18-19.

2007 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* Conference. November 27-29. Islamorada, FL pp. 14-15.

Organizing and Chairing Activities

Participation in Organizing or Chairing Conferences, Workshops, and Organizations

2016 Red Wine Blending Workshop. Bridgeton, NJ.

2015 Integrated Pest Management School for Grape Growers. Bridgeton, NJ

2013 The Grapes of Delight – New and Old Grape Cultivars for New Jersey. Bridgeton, NJ. Co-chair

2011 Successful Wine Growing in the Garden State - Selected Site, Variety and Economic Considerations. A wine growing symposium. Pittstown, NJ. Co-chair

2010 Bordeaux – An Old World Terroir with Lessons for New Jersey. A wine growing symposium. Bridgeton, NJ. Co-Chair

2010 Tree Fruit, Atlantic Coast Agricultural Convention and Mid Atlantic Direct Marketing Conference & Trade Shows, Moderator

2009 Wine Grapes, Mid-Atlantic Fruit & Vegetable Convention, Hershey, PA, 2009. Moderator

2009 Tree Fruit, Atlantic Coast Agricultural Convention and Mid Atlantic Direct Marketing Conference & Trade Shows. Moderator

2008 4th Annual Emma Lausten Horticultural Symposium, Bordentown, NJ. Science "Research to Table": A panel discussion by NJ fruit growers and marketers. Moderator.

2008 Wine Grapes. Mid-Atlantic Fruit & Vegetable Convention, Hershey, PA. 2008. Moderator

2007 Cumberland-Shenandoah Fruit Workers Conference. General Chair

2007 High Density Y-Canopy Training for Peaches. A panel Discussion. Moderator.

Honors and Awards

Professional Awards and Honors

2012 New Jersey Farm Bureau "Distinguished Service to New Jersey Agriculture Award". (Awarded to the Fruit IPM delivery team.)

Service

Contributions to the Advancement of the Academic Profession

- 2011- ongoing reviewer, U. P. Hedrick Award Review Committee of the American Pomological Society
- 2010-ongoing Peer reviewer for the Journal of Plant Growth Regulation
- 2010-ongoing Peer reviewer for The Journal of the American Pomological Society
- 2007-ongoing Chairperson, Subcommittee for Statistics and Data Coordination - NE-1020 Multi-state Evaluation of Winegrape Cultivars and Clones
- 2006-ongoing Peer reviewer for HortScience
- 2006-ongoing Peer reviewer for HortTechnology

Service to Rutgers University

- 2014-ongoing Director of Rutgers Agricultural Research and Extension Center (RAREC)
- 2014-ongoing Founding Director, New Jersey Center for Wine Research and Education
- 2012-ongoing Chairperson of RAREC Dormitory committee
- 2008-ongoing Chairperson of RAREC Library committee