

## MARY E. C. CONCKLIN

College of Agriculture, Health and Natural Resources  
Department of Plant Science and Landscape Architecture  
1376 Storrs Rd, Unit 4067  
Storrs, CT 06269-4067

[mary.concklin@uconn.edu](mailto:mary.concklin@uconn.edu)  
860-486-6449

### EXPERIENCE:

#### **Extension Educator, Fruit Production & Integrated Pest Management**

(August 2019-present)

#### **Visiting Associate Extension Educator, Fruit Production & Integrated Pest Management**

(April 2012 – August 2019)

#### **IPM Program Coordinator** (February 2019 - present)

University of Connecticut, Dept of Plant Science & Landscape Architecture.

- Develop and Teach SPSS 3440 Small Fruit Production course
- Develop and Teach SAPL 440 Small Fruit Production course
- Develop, conduct and evaluate Integrated Pest Management (IPM) and Fruit Production educational programs for fruit growers statewide.
- Develop and Teach Tree Fruit Production to UConn Master Gardener training
- Develop and Teach Small Fruit Production to UConn Master Gardener training
- Develop, conduct and evaluate workshops for fruit growers: on-farm, hands-on, classroom, webinars
- Develop and Teach annual Pruning Workshop for Yale University, Forestry Dept
- Work directly with commercial fruit growers on production and IPM issues
- Work directly with beginning growers and experienced growers
- Conduct research on grower farms related to fruit production (CV Appendix B)
- Write factsheets, fruit messages, articles (CV Appendix A)
- Apply for, secure and manage grants to support this position (CV Appendix B)
- Serve on local and regional committees for extension, research, education, IPM
- Served as grant reviewer, USDA-NIFA-CARE grant program, twice in 2015
- Chair, Annual Connecticut Vegetable & Small Fruit Conference
- Chair, Annual UConn Extension Cut Flower Growers Workshop
- Chair, Annual CT Pomological Society Annual Educational Meeting
- Chair, Vegetable Extension Educator Search Committee, 2017-2018
- Co-Chair, Connecticut Ag Wellness Summit – Helping You to Help Others
- Chair, Bramble session, New England Vegetable & Fruit Conference; 2013, 2015, 2017, 2019
- State Coordinator, NEWA ([www.newa.cornell.edu](http://www.newa.cornell.edu))
- Awards
  - Official Citation from the State of Connecticut General Assembly, recognizing the IPM Team's accomplishments working with CT stakeholders. February 28, 2018.
  - 2017 Provost's Award for Excellence in Public Engagement – IPM Team; Category – Career Recognition for Individual or Team. November 14, 2017
  - Nominated for UConn Spirit Award

- CT Pomological Society Award of Merit in Recognition for Outstanding Service to the Connecticut Fruit Industry. Dec. 1, 2015

### **Research Associate 1**

University of Connecticut, Dept of Plant Science & Landscape Architecture.

February 2012 – March 2012

- IPM Technical Service provider for the NRCS Environmental Quality Incentive Program working with fruit and vegetable growers.

### **Research Specialist**

University of Connecticut, Dept of Plant Science & Landscape Architecture.

Special Payroll: Summer & November 2010, 2011-02/2012

- IPM Technical Service provider for the NRCS Environmental Quality Incentive Program working with fruit and vegetable growers and ornamental growers.
- Assist in grant-funded research for D. Ellis and L. Los.

### **Consulting Educator**

Winter 2010

- Taught tree fruit advanced training classes for UConn Master Gardeners
- Taught small fruit and tree fruit training classes for UConn Master Gardener Trainees

### **Owner, President**

Raspberry Knoll Farm LLC. North Windham, CT. 2010 – present

- Pick-your-own berry, cut-flower, herb and vegetable farm
- Carry out day-to-day operations with partner

### **Free-Lance Writer**

Penn State Extension. December 2009 – 2010

- “Bloom ‘N News” - quarterly horticulture newsletter
- IPM factsheets for Pesticide Education department covering Landscape Management, Lawn Management, Pest Management for the Home, and Garden Management (CV Appendix A)

### **Extension Educator - Horticulture**

Penn State Cooperative Extension. January 1999 – August 2009

- Taught and Coordinated Horticulture and Pesticide Education classes for landscape/nursery industry, fruit and vegetable industry
- Developed and Coordinated training courses for professionals, license holders, and consumers
- Developed Professional Landscaper Training Course at the State Correctional Institute at Graterford, 18 subjects. Taught classes. Coordinated teaching by other Extension Educators
- Coordinator Master Gardener Volunteers – Montgomery County

- Wrote/published newsletters, factsheets (CV Appendix A)
- Diagnosed plant, pest and site problems for landscape/nursery professionals, fruit & vegetable growers on-site and at office clinic
- Supervised staff
- Mentored new Penn State Cooperative Extension staff
- Chairperson of program committees
- Managed Finances for programs, grants
- Research/Trials/Grants\_(CV Appendix B)
- Awards
  - Penn State Outreach Vice President's Diversity Award - 2008
  - Penn State's College of Ag Sciences Diversity Achievement Award – 2007-2008
  - *A Guide to the Great Gardens of the Philadelphia Region* book - 2007
  - PA Landscape & Nursery Association's Theme Garden award - 2007
  - PA State Master Gardener Search for Excellence, Demonstration Garden - 2007
  - PA Horticulture Society's Suburban Greening Award – 2001 and 2006
  - Spirit of Extension's Outstanding Team Award – 2004
  - PACAA (PA Association of County Agriculture Agents) and NACAA (National Association of County Agriculture Agents) Achievement Award – 2002

**Owner/Consultant.** Concklin Fruit Services, Hudson, NY. 1988-1996

- Consultations with commercial agricultural clients in deciduous tree fruit and small fruit production

**Extension Educator and Regional Fruit Specialist**

Cornell Cooperative Extension - Columbia County, New York. June 1982 – August 1988

- Consultations with commercial fruit growers
- Plant Nutrition and Chemical Thinning Research with Dr. Warren Stiles, Cornell
- Coordinated and Developed educational programming for commercial fruit industry members; fruit school, seminars, study tours
- Daily spring live radio broadcasts for commercial fruit industry – weather forecast, pest management, cultural and IPM recommendations.
- Radio and TV information programs for fruit industry and general public
- Coordinated 2014 International Dwarf Fruit Tree Association Summer Study Tour in the Hudson Valley.
- Published *Frost Protection in the Orchard*. Published by Columbia County Cooperative Extension (CV Appendix A)

**EDUCATION**

- M.S. Education
  - The College of St. Rose, Albany, New York
  - Psi Chi - National Honor Society in Psychology – past member
- M.S. Horticulture
  - West Virginia University
- B.S. Plant and Soil Sciences
  - University of Massachusetts

- A.S. Pomology and Olericulture  
Stockbridge School of Agriculture, Amherst, Massachusetts

## Appendix A: Publications

### UConn Publications

- Concklin, M. *IPM Fruit Messages*. [http://ipm.uconn.edu/pa\\_fruit/pestMessages.php](http://ipm.uconn.edu/pa_fruit/pestMessages.php). 2012-present
- Concklin, M. 2019. *Growing Blackberries in Connecticut*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 15, # 3, pg. 1-2.
- Concklin, M. 2019. *IPM, Organic-What's the Difference?* UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 15, # 1, pg. 2-3.
- Concklin, M. 2018. *Get Ready for Mummy berry*. VT Vegetable & Berry News e-newsletter. April 23, 2018
- Concklin, M. Editor. 2018. *New England Tree Fruit Management Guide*. Stone Fruit Sections (Apricot, Cherry Peach/Nectarine). Online <http://netreefruit.org/> or in print at [https://www.amazon.com/England-Tree-Fruit-Management-Guide/dp/1986662977/ref=sr\\_1\\_1?ie=UTF8&qid=1533565178&sr=8-1&keywords=%27New+England+Tree+Fruit+Management+Guide&dpID=41FodR%252BeqYL&preST=\\_SX218\\_BO1,204,203,200\\_QL40\\_&dpSrc=srch](https://www.amazon.com/England-Tree-Fruit-Management-Guide/dp/1986662977/ref=sr_1_1?ie=UTF8&qid=1533565178&sr=8-1&keywords=%27New+England+Tree+Fruit+Management+Guide&dpID=41FodR%252BeqYL&preST=_SX218_BO1,204,203,200_QL40_&dpSrc=srch)
- Concklin M. Editor. 2017-2018 *New England Small Fruit Management Guide*. Bramble Section. Online <https://ag.umass.edu/fruit/ne-small-fruit-management-guide> or in print at <http://store.uconn.edu>
- Concklin, M. 2018. *Pruning Apple Trees: Part 1 Why Should We Prune* Video. <https://www.youtube.com/watch?v=O4rEM-sVjYU>
- Concklin, M. 2018. *Pruning Apple Trees: Part 2 How To Prune*. Video.. <https://www.youtube.com/watch?v=Ysmg39bLO1o>
- Philocles, S., J. Bonelli. M. Concklin. 2018. *Connecticut Grape Price Survey 2018*. May 2018. 2 pg. <http://www.ctfarmrisk.uconn.edu/>
- Concklin, M. 2018. *Get Ready for Mummy berry*. Vermont Vegetable and Berry News –April 23, 2018. [www.uvm.edu/vtvegandberry](http://www.uvm.edu/vtvegandberry)
- Concklin, M. 2018. *New Soil Temperature and Soil Moisture Information for CT Farms*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 14, # 2, pg. 2. <http://ipm.uconn.edu/documents/view.php?id=1309>
- Concklin, M. 2018. *This Fruit is Brought to You by Buzzzzz*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 14, # 1, pg. 1-2. <http://ipm.uconn.edu/documents/view.php?id=1269>
- Concklin, M. 2017. *Nutrient Management for Fruit Farms*. 2017 New England Vegetable and Fruit Conference Proceedings. Pgs. 276-279. <https://unh.app.box.com/s/pxyj71rrt3862pggduvpak10ha09g606>
- Concklin, M. 2017. *Pruning Fruit Trees – A Primer*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 13, #4, pgs. 2-3. <http://ipm.uconn.edu/documents/view.php?id=1256>
- Concklin, M. 2017. *Reducing Winter Injury Potential in Fruit Crops*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 13, #3, pgs. 1-2. <http://ipm.uconn.edu/documents/view.php?id=1255>

- Concklin, M. 2017. *Developing Fertilizer Programs for Fruit Crops Utilizing Soil and Tissue Analysis*. September 2017. Hard copy available and on-line at <http://ipm.uconn.edu/documents/view.php?id=1232>
- Concklin, M. 2017. *Developing Fertilizer Programs for Fruit: Results of a 3-Year Study*. 2017. On-line at <http://ipm.uconn.edu/documents/view.php?id=1246>
- Country Folks Grower. 2017. *Pests and Diseases of Small Fruit*. Vol. 26, #4, April 2017. Pgs. 26-27,29.
- Concklin, M. 2017. *Elderberries – Why Not?*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 13, # 2, pg. 2. <http://ipm.uconn.edu/documents/view.php?id=>
- Concklin, M. 2017. *Blueberry Pruning Guide*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 13, # 1, pg. 2. <http://ipm.uconn.edu/documents/view.php?id=1132>
- Concklin, M. Editor. 2017. *New England Tree Fruit Management Guide*. Stone Fruit Sections (Apricot, Cherry Peach/Nectarine). Online at <http://netreefruit.org/>. No print version available in 2017.
- Concklin, M. 2016. *Investigating Forage Radish and Compost as a Means of Alleviating Soil Compaction in Post-Plant Bramble and Blueberry Fields*. Hard copy available. Online at <http://ipm.uconn.edu/documents/view.php?id=1105>
- Concklin, M. 2016. *Investigating Forage Radish and Compost as a Means of Alleviating Soil Compaction in Post-Plant Bramble and Blueberry Fields*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 12, # 3, pgs. 2-4. <http://ipm.uconn.edu/documents/view.php?id=1067>
- Concklin, M. 2016. *Investigating Forage Radish and Compost as a Means of Alleviating Soil Compaction in Post-Plant Bramble and Blueberry Fields*. UMass Berry Notes Newsletter, Vol 28, # 11, pgs. 13-15. [https://ag.umass.edu/sites/ag.umass.edu/files/pdf-doc-ppt/2016mbnnov\\_0.pdf](https://ag.umass.edu/sites/ag.umass.edu/files/pdf-doc-ppt/2016mbnnov_0.pdf)
- Concklin, M. 2016. *Late Summer Small Fruit and Grape Update*. Massachusetts IPM Berry Blast. August 23, 2016 via email.
- Concklin, M. 2016. *Small Fruit Management Updates*. VT Vegetable & Berry News. August 23, 2016 via email.
- NPR, CT Public Radio with Harriet Jones. *Impacts of Drought and the Recent Rain on Fruit Crops on CT*. Interview. August 12, 2016.
- Ferrell, P. *Yes We Have No Peaches*. Interviewed. New York Times. August 1, 2016
- Tuohy, L. *February Deep Freeze Ravages Peach Crop*. Providence Journal. May 9, 2016. Pg. A4. [www.providencejournal.com](http://www.providencejournal.com). Interviewed. The Associated Press.
- Leukhardt, B. *Peach Crop Fails*. The Hartford Courant. May 3, 2016. Pg. 1; [www.courant.com](http://www.courant.com). Interviewed. On-line and Hard copy.
- Concklin, M. 2016. *UConn RMA Online Training Module*. <https://mediasite.dl.uconn.edu/Mediasite/Play/f326f048167c400795c0575eb573e8091d>. 2016. Developed and recorded.
- Gordon, S. *The Uncertainties of Preparing for Brown Marmorated Stink Bug*. Wisconsin Public Radio, April 29, 2016. <http://www.wpr.org/uncertainties-preparing-brown-marmorated-stink-bug>.

- Eddy, David. *Experts Offer Tips On How Fruit Growers Can Combat Cold Temperatures*. American Fruit Grower News, April 13, 2016. Pgs. 5-6.
- Concklin, M. 2016. *Frost and Freeze*. Rutgers Fruit Focus. April 5, 2016.
- Concklin, M. 2016. *Severe Cold – Damage Potential*. UMass IPM Berry Blast. April 2, 2016.
- Concklin, M. 2016. *Perimeter Trap Cropping for Spotted Wing Drosophila Control*. UMass Berry Notes, Vol 28, No. 4, Pgs. 9-10.
- Concklin, M. 2016. *Perimeter Trap Cropping for SWD Control*. <http://ipm.uconn.edu/documents/view.php?id=984>.
- Concklin, M. 2016. *Perimeter Trap Cropping for SWD Control*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 12, No 2, Pages 1, 3. <http://ipm.uconn.edu/documents/raw2/html/949.php?aid=949>
- Concklin, M. 2016. *The Importance of Boron in Fruit Production*. UConn Crop Talk: Commercial Vegetable and Fruit Newsletter, Vol 12, No 1, Page 2. <http://ipm.uconn.edu/documents/raw2/html/documents/CropTalkFEB2016.pdf>
- Concklin, M. 2016. *The Importance of Boron in Fruit Production*. UMass Berry Notes, Vol 28, No 3, Pages 9-10.
- Concklin, M. 2016. *Tree Fruit Foliar Nutrient Applications and Foliar Nutrients & PGRs for Frost/Freeze Situations*. <http://ipm.uconn.edu/documents/view.php?id=953>.
- Concklin, M. 2016. *Grape Foliar Nutrient Applications*. <http://ipm.uconn.edu/documents/view.php?id=954>.
- Concklin, M. 2016. *Small Fruit Foliar Nutrient Applications*. <http://ipm.uconn.edu/documents/view.php?id=955>.
- Eddy, D. [Experts Offer Tips On How Fruit Growers Can Combat Cold Temperatures](http://www.ahg.com). American Fruit Grower magazine. April 13, 2016. [AFG-Editorial@meistermediaww.com](http://www.ahg.com). Reprinting my grower email.
- Driscoll, E., Interviewer. *Stinkbugs*. November 2, 2015. 9:05 am. Live talk show on WNHH, 103.5 LP FM, a new community radio station in New Haven. Show streams live on <http://ValleyIndy.org> and <http://NewHavenIndependent.org>
- <http://www.nbcconnecticut.com/news/local/Drought-Conditions-Leave-Orchards-Dry-324262401.html>. September 3, 2015. Interview with reporter Max Reiss, CT-NBC TV
- Concklin, M., J. Boucher. 2015. *IPM at Bishops Orchards*. Naturally, UConn College of Agriculture blog. <https://naturally.uconn.edu/2015/06/16/ipm-practices-help-growers-increase-yields-and-avoid-unnecessary-pesticides/June-2015>
- Concklin, M. Editor. *2015-2016 New England Small Fruit Management Guide*. Bramble Section. <https://ag.umass.edu/integrated-pest-management/news/new-england-small-fruit-management-guide-2015-2016-edition>
- Concklin, M. Editor. *2015-2016 New England Tree Fruit Management Guide*. Stone Fruit Sections (Apricot, Cherry Peach/Nectarine). Online at <http://netreefruit.org/>.
- Concklin, M. 2015. *Differentiating Between Beneficials and Fruit Pests*. UConn Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol. 11, No. 2. p.2,6. <http://ipm.uconn.edu/documents/raw2/html/757.php?aid=757>



- Concklin, M. 2014. *Drought and Plant Nutrients – Planning for 2015*. Crop Talk: UConn’s Commercial Vegetable & Fruit Crops Newsletter, Vol. 10, No. 4. p.3. <http://ipm.uconn.edu/documents/raw2/html/documents/CropTalk-DEC2014.pdf>.
- Concklin, M. 2014. *Brown Marmorated Stink Bug – A CT Agricultural Pest!* Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol. 10, No. 3. p.3,6. <http://ipm.uconn.edu/documents/raw2/html/documents/CropTalk-Oct14.pdf>
- Concklin, M. 2014. *Pest Forecasts Come to Connecticut to Save Crops, Turf*. The Hartford Courant, My Towns section, page H7. March 16, 2014.
- Woodsen, Mary. 2014. *Blame It On The Weather: Pest Forecasts Come To Connecticut*. Hartford Courant, February 25, 2014. <http://www.courant.com/community/rocky-hill/hcrs-85976-statewide-20140224,0,2493817.story>
- Concklin, M. 2014. *What is that Ugly Thing?* Crop Talk: UConn’s Commercial Vegetable & Fruit Crops Newsletter, Vol. 10, No. 1. p.3,6. <http://ipm.uconn.edu/documents/raw2/html/534.php?aid=534>
- Concklin, M. Editor. *2014 New England Tree Fruit Management Guide*. Stone Fruit Sections (Apricot, Cherry Peach/Nectarine). Online at <http://netreefruit.org/>.
- Concklin, M. 2014. *Organic Fruit Culture Posters*. 2 posters.
- Concklin, M. 2014. *Fruit IPM Posters*. 2 posters.
- Hamby, Sarah. 2014. *Extension Expert Shares Tips on Conquering Pesky Fruit Pest*. Lancaster Farming. 1/25/2014. Lancasterfarming.com. <http://www.lancasterfarming.com/news/northeedition/Extension-Expert-Shares-Tips-on-Conquering-Pesky-Fruit-Pest-#.UuR7M7Qo4dU>
- Concklin, M. 2013. *SWD Trapping Out Trials in Blackberries*. New England Vegetable & Fruit Conference Proceedings; pg. 89.
- Concklin, M. 2013. *Description of an IPM Program for Peaches*. New England Vegetable & Fruit Conference Proceedings; pgs. 58-60. <https://newenglandvfc.org/sites/newenglandvfc.org/files/content/proceedings2013/Concklin%20IPM%20Program%20Peaches.pdf>
- Concklin, M. 2013. *Frost Protection in Strawberries*. New England Vegetable & Fruit Conference Proceedings; pgs. 268-269. <https://newenglandvfc.org/sites/newenglandvfc.org/files/content/proceedings2013/Concklin%20Frost%20Protection%20Strawberries.pdf>
- Concklin, M. 2013. *Pruning Blueberries – Now?* UMass Berry Notes, Vol. 25, No. 11. Pgs. 6-7.
- Concklin, M. 2013. *Winter Learning With Videos*. UConn Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol 9, No. 4, p 9. <http://ipm.uconn.edu/documents/view.php?id=516>
- Concklin, M. 2013. *Pruning Blueberries - Now?* UConn Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol. 9, No. 3. p.2,7. <http://ipm.uconn.edu/documents/view.php?id=503>
- Moran, R, G. Koehler, C. Smith, G. Hamilton, W. MacHardy, L. Berkett, H. Faubert, **M. Concklin**, A. Tuttle, J. Clements, and D. Cooley. 2013. *Survey of New England Apple Growers On Using Sanitation and Delaying Early-Season Fungicide Applications*. Fruit Notes, Vol. 78, Fall 2013, pgs. 9-11. (see attached in appendix)

- Concklin, M. 2013. *Pruning Blueberries*. IPM Website, [www.ipm.uconn.edu](http://www.ipm.uconn.edu)
- Concklin, M. 2013. *Stubs, Nubs and Bugs*. UConn Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol. 9, No. 1, p.1, 6-7. <http://ipm.uconn.edu/documents/view.php?id=337>
- Concklin, M. 2013. *Grafting and Top-Working Tree Fruits Guide*. [www.ipm.uconn.edu](http://www.ipm.uconn.edu)
- Concklin, M. 2013. *Approaches to Pruning Tree Fruit*. [www.ipm.uconn.edu](http://www.ipm.uconn.edu)
- Concklin, M. 2013. *Pruning Blueberries*. [www.ipm.uconn.edu](http://www.ipm.uconn.edu)
- Concklin, M. Editor. *2013 New England Tree Fruit Management Guide*. Stone Fruit Sections (Apricot, Cherry Peach/Nectarine). Online at <http://netreefruit.org/>.
- Concklin, M. Editor. *2013-2014 New England Small Fruit Management Guide*. Bramble Section. No longer online
- Los, L, and M. Concklin. 2012. *IPM Guidelines for Insects and Diseases of Stone Fruits*. NE SARE Grant funded. <http://ipm.uconn.edu/documents/raw2/html/525.php?aid=525>
- Concklin, M. and L. Los. 2012. Posters. (1) Stone Fruit IPM: Plant Bugs, (2) Stone Fruit IPM: Plum Curculio, (3) Stone Fruit IPM: Peach Tree Borers, (4) Stone Fruit IPM: Oriental Fruit Moth, (5) Stone Fruit IPM: Invasive Pests.
- Concklin, M. 2012. *Strawberries: To Renovate or Not To Renovate, Who Cares?* UConn Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol. 8, No. 3, p.1, 3. <http://ipm.uconn.edu/documents/view.php?id=335>
- Concklin, M. 2012. *Strawberries: To Renovate or Not To Renovate, Who Cares?* Horticultural News, Vol. 92, No.4, p. 7-9.
- Concklin, M. 2012. *Frost Protection Reminders*. UMass Extension Fruit Grower listserv. May
- Concklin, M. 2012. *Spotted Wing Drosophila*. UConn Crop Talk: Commercial Vegetable & Fruit Crops Newsletter, Vol. 8, No. 2, p. 6,7, 9. <http://ipm.uconn.edu/documents/view.php?id=290>
- Concklin, M. 2012. *Spotted Wing Drosophila Chemical Control Chart*. UMass Extension Fruit Grower listserv. June 20.

### Free-Lance Writing

- Concklin, M. 2010. *IPM for the Home Gardens: Abiotic Disorders*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM for the Home Gardens: Plant diseases*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM for the Home Gardens: Insects and Mites*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM for the Home Gardens: Weeds*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM Landscape Management: Abiotic Disorders*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM Landscape Management: Plant diseases*. Penn State Pesticide Education Department.



- Concklin, M. 2010. *IPM Landscape Management: Insects and Mites*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM Landscape Management: Weeds*. Penn State Pesticide Education Department.
- Concklin, M., N. Bosold. 2010. *IPM Lawn Management: Abiotic Disorders*. Penn State Pesticide Education Department.
- Concklin, M., N. Bosold. 2010. *IPM Lawn Management: Plant diseases*. Penn State Pesticide Education Department.
- Concklin, M., N. Bosold. 2010. *IPM Lawn Management: Insects and Mites*. Penn State Pesticide Education Department.
- Concklin, M., N. Bosold. 2010. *IPM Lawn Management: Weeds*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM for Home Landscapes, Gardens and Lawns – Wildlife Management*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM for Homes and Apartments*. Penn State Pesticide Education Department.
- Concklin, M. 2010. *IPM for Homes, Lawns, Landscapes and Gardens – An Overview*. Penn State Pesticide Education Department.

#### **Penn State University Publications**

- Concklin, M; K. Kelley. 2006. *Propagating Houseplants*. Penn State College of Ag Sciences factsheet.
- Concklin, M; K. Kelley. 2006. *Preventing, Diagnosing and Correcting Common Houseplant Problems*. Penn State College of Ag Sciences factsheet.
- *Container Grown Nursery Stock-Advanced*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Container Grown Nursery Stock-Novice*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Fertilization of Nursery Stock*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Field Grown Nursery Stock-Advanced*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Growing Nursery Stock in the Field- Novice*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Pest Management in the Nursery*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Propagation of Nursery Stock-advanced*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Propagation of Nursery Stock-Novice*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Pruning Nursery Stock*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.
- *Weed Control in the Nursery*. 2006. Reviewed and revised by M. Concklin, M. Clayton. Penn State University – Nursery Entrepreneur Course.

- Kelly, K; M. Concklin. 2004. *Caring for Holiday Plants*. Penn State College of Ag Sciences factsheet.
- Kelly, K; M. Concklin. 2004. *Caring for Houseplants*. Penn State College of Ag Sciences factsheet.
- Kelly, K; M. Concklin. 2004. *Repotting Houseplants*. Penn State College of Ag Sciences factsheet.
- *Bloom 'N News* quarterly consumer horticulture newsletter. 1999-2010
- Master Gardener Volunteer monthly newsletter, Montgomery County. 1999-2009

### **Cornell Publications**

- Concklin, Mary E.C. 1988. Frost Protection in the Orchard. NY: Cornell Cooperative Extension- Columbia County.
- Commercial Fruit newsletter, Cornell Cooperative Extension, Hudson Valley. 1982-1988
- Blizzard, S; M. Curtis. 1983. *Wind Machines: Making Them Work For You*. American Fruit Grower, 2, pg. 10.
- Blizzard, S; M. Curtis. 1982. *Methods of Frost Protection*. Proceedings of the NY State Horticultural Society, 127, pgs. 90- 91.

### **Pre-Cornell Publications**

- Curtis, M.E. 1982. *Frost Protection of Deciduous Tree Fruit with Wind Machines*. Masters Thesis. West Virginia University.
- Curtis, M; S. Blizzard. 1982. *Wind Machines - Efficiency in Usage*. West Virginia Grower - WV Horticulture Society.
- Blizzard, S; C. Cottrill; M. Curtis. 1981. *Frost Control in Dwarf Plantings*. Compact Fruit Tree, 14, pgs. 140-141.
- Curtis, M; S. Blizzard; C. Cottrill; K. Elliott; J. Holtz. 1981. *Efficient Use of Wind Machines*. 57th Cumberland-Shenandoah Fruit Workers Conference.
- Curtis, M. 1979. *Fruit Industry of Argentina*. Compact Fruit Tree, 12, pgs.105-107.
- Curtis, M. 1979. *Fruit Tree Study Tour of South America*. Compact Fruit Tree, 12, pgs.110-112.

## Appendix B: Grants

- Concklin, M. *Drone Imagery for Early Detection of Fruit Crop Nutritional Deficiencies* USDA-SCBG (\$79,424); 2020-2022
- Bonelli, J; M. Concklin. *Crop Insurance and Risk Management Education and Information for Connecticut Farmers and Growers*. USDA-RMA. 10/18-03/20. \$228,000. Co-PI. 20% time.
- Pinero, J, T. Leskey, D. Shaprio, M. Concklin, H. Faubert, G. Hamilton. *Developing a multi life-stage management strategy for apple maggot, a persistent tree fruit pest in the Northeast, through the integration of attract-and-kill and biological control*. USDA-NIFA-CPPM-ARDP. 09/18-08/21. \$324,942. Co-PI. 5% time years 2 & 3. Funded
- Concklin, M. *Sap Testing as a Tool for Nutrient Management Decisions in Fruit Crops*. USDA-Specialty Crop Block Grant through the CT Department of Agriculture. 2019-2021. \$55,516. Withdrawn after pre-approval given before final grant submission. Salary not allowed for university extension/research people as per Commissioner, CT Dept of Ag.
- White, J, G. Lowry. E. Wade, G. Kantor, J. Lamondia, G. Wong-Parodi, M. Paret, J. Bovay and M. Concklin. 2019-2021. *Automated Disease Detection and Application of Cu-Derived Advanced Materials for the Suppression of Root-Knot Nematodes and Root Disease in Strawberry and Tomato*. USDA-SCRI. \$4,000,000. 3% time. Denied.
- Concklin, M. *iPiPE CT Grape Component*. USDA iPiPE grant, subaward through NCSU. 03/18-02/20. \$78,250. PI, 2% time. Funded
- Concklin, M and F. Ferrandino. *Evaluating the Impact of Irrigation on Grapevine Growth and Production, and Berry Quality*. USDA-Specialty Crop Block Grant through CT Department of Agriculture. 01/18-9/20. \$75,000. PI. 5% time. Not funded.
- Concklin, M, J. Bonelli and M. Kelly. *Mashantucket Pequot Federally Recognized Tribes Extension Program-FRTEP*. USDA-NIFA-Federally Recognized Tribes Extension Program-FRTEP. 09/17-08/21. \$280,000. PI, 5% time. Funded
- Ellis, D., M. Concklin, J. Allen, et al. 2017. *CT Extension Implementation Grant*. USDA-NIFA-CPPM. \$539,820. Began 9/17-08/20. Co-PI, 47% time. Funded
- Bonelli, J; M. Concklin. *Crop Insurance and Risk Management Promotion, Education and Training for Connecticut Farmers and Growers*. USDA-RMA 10/17-09/18. \$231,000. Co-PI. 20% time. Funded
- Bonelli, J; M. Concklin. *Crop Insurance and Risk Management Promotion, Education and Training for Connecticut Farmers and Growers*. USDA-RMA 10/16-09/17. \$221,000. Co-PI. 20% time. Funded
- Martin, J., G. Cutz, M. Concklin. *Advancing the Business of Farming in Connecticut in Partnership with Agriculture Learning Centers*. USDA-BFRP. \$597,598. Co-PI. 12% time. Funded
- Ellis, D, J. Allen, M. Concklin, V. Wallace, C. Bartholomew, C. Chiriboga. *USDA-CPPM, Extension Implementation Program*. 09/14-08/17. \$495,000. Co-PI. 47% time. Funded.

- Carroll, J; T. Bradshaw, J. Clements, M. Concklin, R. Crassweller, A. DeGaetano, D. Robinson. *Mobile applications and virtual weather stations to improve fruit and vegetable adoption of IPM and crop management tools in the Network for Environment and Weather Applications (NEWA)*. USDA-SCRI grant. 2015-2017. \$2,928,050. Co-PD. Not-funded
- Carroll, J; T. Bradshaw, J. Clements, M. Concklin, R. Crassweller, A. DeGaetano, P. Oudemans. *Mobile platform and virtual weather stations to improve fruit and vegetable industry access to IPM and crop management tools in the Network for Environment and Weather Applications (NEWA)*. 2014-15 Integrated Research and Extension Planning Grants – Joint NEED and NERA Planning Grant Program. 10/14-10/15. \$3981. Co-PD. Funded (No funds to UConn or Concklin)
- Bradshaw, T, D. Cooley, G. Koehler, M. Niles, J. Clements, M. Concklin, A. Eaton, G. Hamilton, H. Faubert, E. Garofalo, D. Heleba. *Web-Enhanced IPM Decision Support for New England Tree Fruit*. USDA AMS Specialty Crop Multi-State Program, USDA-AMS-SCMP-2015. Multi-state SCBG, New England. 2016-2018. \$825,338. Co-PI. Not funded.
- Fu, R; M. Concklin. *Technical Development of Year-Round Hydroponic Strawberry Cultivation in Controlled Environment Agriculture*. USDA-Specialty Crop Block Grant through CT Department of Agriculture. 2016-2017. UConn sub contract through Agrivolution LLC. \$73,270, Co-PI, 4% time. Funded.
- Concklin, M. *Demonstrating the Use and Value of Scientific Based Management Tools for Fertilizer Decisions*. USDA-Specialty Crop Block Grant through CT Department of Agriculture. 2015-2017. \$57,694. PI. 13% time. Funded
- Concklin, M. *Perimeter Trap Cropping for SWD Control*. USDA-Specialty Crop Block Grant through CT Department of Agriculture. 2013-2016. \$15,307. PI. 5% time. Funded.
- Concklin, M. *Investigating Forage Radish and Compost as a Means of Alleviating Soil Compaction in Post-Plant Bramble and Blueberry Fields*. Northeast SARE, 2013-2016. \$14,958. PI. 5% time. Funded.
- Bonelli, J; M. Concklin. *Crop Insurance and Risk Management Promotion, Education and Training for Connecticut Farmers and Growers*. USDA-RMA 2015-2016. \$250,000. Co-PI. 20% time. Funded
- Campbell, B, M. Concklin, L. Pundt. *Increasing the Value of CT Specialty Crops through Increased Labeling and Access*. USDA Specialty Crop Block Grant through the CT Department of Agriculture. 2013-2015. \$74,895. Co-PI. 2% time. Funded
- Bonelli, J; M. Concklin. *Crop Insurance and Risk Management Promotion, Education and Training for Connecticut Farmers and Growers*. USDA-RMA 2014-2015. \$250,000. Co-PI. 1% time. Fund
- Martin, J., J. Bonelli, J. Boucher, M. Concklin., G. Cutz, L. Brown. *Beginning Farmer*. USDA-BFRP. 2015-2017. \$785,879. Co-PI. 7% time. Not funded
- Concklin, M. *Small Fruit Nutrition – Adoption of Analysis Based Fertilization Program*. USDA Specialty Crop Block Grant through the CT Department of Agriculture. 10/12-09/15. \$54,325. PI. 14% time. Not funded
- Martin, J, J. Bonelli, J. Boucher, M. Concklin, L. Pundt. *Beginning Farmer – Scaling Up*. USDA-BFRP. 2012-2015. \$520,026. Co-PI. 7% time. Funded.

### **Penn State University Grants/Projects**

- Concklin, M., A. Frankenfield, W. Goll. 2009. *Growing Cut Flowers in No-Till versus Plastic Mulch*. PA Vegetable Growers Association. Duration: 2009. \$100. Funded. Rest of funds came from existing program funds.
- Demchak, K., M. Concklin, J. Esslinger, T. Dymond, D. Smith, E. Sánchez. 2005-2008. *Blueberry Cultivar Evaluation for PA Conditions*. PA Vegetable Growers Association. Duration: 2005-2008. \$10,900. Funded
- Buchanan, L. & M. Concklin. 2005. *Universal Garden: Gazebo*. Champions of the Environment – Merck & Co. Duration: 2005. \$6000. Funded
- Buchanan, L. & M. Concklin. 2003. *Universal Garden Development*. Champions of the Environment – Merck & Co. Duration: 2003-2006. \$6000. Funded
- Sellmer, J., M. Concklin, W. Goll. 2003. *Water Quality and Nutrient Management in Nurseries*. PA Department of Agriculture. PA Department of Agriculture. Duration: 2003-2005.
- Orzolek, M., B. Lamont, M. Concklin (plus several other PSU horticulture extension staff). 2003 & 2004. *Tomato Variety Trials*. Various seed companies, plastic mulch companies, greenhouse grower supplied materials. Duration: 2003 & 2004. Amount funded through grants unknown – submitted by Dr. Mike Orzolek.
- Orzolek, M and M. Concklin. 2001. *Paper Mulch Trials*. PA Department of Agriculture. Duration: 2001.
- Concklin, M and J. Sellmer. 2000. *Developing Nutrient Management Guidelines For Woody Ornamentals*. PA Department of Agriculture. Duration: 2001-2004. \$10,750. Funded.
- Concklin, M and J. Sellmer. 2000. *Developing Nutrient Management Guidelines For Woody Ornamentals*. HRI (Horticultural Research Institute). Duration: 2001-2004. Not funded.
- Concklin, M, D. Suchanic, N. Bosold, N. Stevens. *Development and Maintenance of The Learning Gardens*. 116 Businesses and Individuals. Duration: 1999-2009. Received \$66,520 monetary donations, \$53,300 non-monetary donations.
- Suchanic, D; M. Concklin, N. Bosold, N. Stevens. *Development of Turf Demonstration Plots and Urban Ag Center*. 1998. Friends & Family of Harry O. Wilcox (Helen & Bob Hinrichsen). Duration: 1998 – 2007. Funding received: \$70,200