



Cornell University Cooperative Extension

Hudson Valley Horticulture Cornell University Cooperative Extension of the Hudson Valley ~~~Commercial Horticulture Electronic Newsletter~~~

Volume 1, Issue 13

January 2013

Participating Counties: Orange * Dutchess * Putnam * Rockland * Sullivan * Ulster *
Westchester *

Editors: Jennifer Stengle & Rosemarie S. Baglia

www.cce.cornell.edu

In this Issue:

January/February Programs

- NYSTLA Professional Turf and Landscape Conference
- NYSTA Southeast Regional Turf Conference
- NOFA Winter Conference
- Nursery Greenhouse Grower's School
- Stormwater Management Training Series – Applied Green-Infrastructure Design
- Social Media Marketing
- Arborist Certification Training

Articles

- NYS DEC Pesticide Applicator Recertification: Recertification Credits
- Guide to Farm Loan Programs
- Recent 2(ee) recommendations: Apple Fruit set after Frost & Growth Regulator
- 2013 Cornell Guidelines Now Available
 - Commercial Vegetable Production
 - Field Crop Management
 - Berry Crops
- Handbook of Turfgrass Insect Pests, Second Edition

Monthly Features

- Other Professional Horticulture Programs of Interest
- About Pesticide Certification
- County Commercial Horticulture Educators and Contact Information

January/February Programs

NYSTLA Professional Turf and Landscape Conference

When: January 8th, 2013

Where: [New Location!](#) Empire City Casino, Yonkers

Program: Educational programs and trade show give professionals a wide range of practical techniques, new equipment and pioneering research on turf, trees, shrubs and integrated pest management. The Conference provides a chance to grow in knowledge, ideas and professionalism. A

new feature of the conference is a special lunch time session explaining the Certified Landscape Technician training and testing program. Certification is an optional National testing program administered by the New York State Turf & Landscape Association in conjunction with the Professional Landcare Network (PLANET).

Registration: Please check this site: <http://www.nystla.com/conf.htm>

NYSTA Southeast Regional Turf Conference

When: January 22 & 23, 2013

Where: Ramada Conference Center, Fishkill, NY

Contact: NYSTA at 800-873-8873 visit www.nysta.org, or email jill@nysta.org

Sponsored by the New York State Turfgrass Association. There will be a trade show and a number of program tracks running concurrently, including Building Your Skills, Golf Turf, Lawn/Landscape.

Registration: <http://www.nysta.org/events/southeast2013/se2013.html>

NOFA Winter Conference 2013

31st Organic Farming & Gardening Conference

Where: Saratoga Hilton and City Center, Saratoga Springs NY

When: January 25th-27th

Registration and Program Information at <https://www.nofany.org/events/winter-conference>

Nursery Greenhouse Growers School

When: January 30, 2013, from 8:30 am to 3:00 pm

Where: Cornell Cooperative Extension Orange County in Middletown, NY.

Nursery/Greenhouse Grower's School has been expanded to include a wider variety of ornamental crops including perennials, shrubs and bedding plants. Get the latest information on pest control, cultural controls, and other hot topics from industry experts. Spend the day networking with professionals and other growers.

Topics include:

- Bio-control Update and Nursery/Greenhouse Sanitation
- Floriculture Research Update, including Organic Substrate Testing
- New Ornamental Varieties
- Disease ID and Control
- Insect Management Update

NYS DEC Pesticide Recertification Credits have been applied for. Pre-registration is required as seating is limited. Cost is \$65 per person if registered by January 20, 2013; \$75 per person thereafter. Lunch and handouts are included. An agenda and full information will be sent to you via email next week.

Registration: For more information or questions, please call 845-344-1234 or email cah94@cornell.edu

Stormwater Management Training Series – Applied Green-Infrastructure Design

When: February 6, 2013 8:30 AM to 4:30 PM

Where: Cornell Cooperative Extension Orange County
18 Seward Ave, Third Floor, Middletown, NY 10940.

Registration: Pre-Registration is Required. View this web page for more information and a downloadable registration form:

http://counties.cce.cornell.edu/orange/Stormwater_Mgt_Training_2013.pdf

The integration of green infrastructure techniques for stormwater management has changed the paradigm from an "end-of pipe" treatment approach, to one encompassing source control. Using the techniques and standards outlined in the NYSDEC August 2010 Stormwater Design Manual, this workshop will explore in detail the process of designing effective GI practices, and review the method for computing the associated runoff reduction. This training will emphasize applications and specific design of practices for various development conditions, and utilizing the NYSDEC's spreadsheet for computing runoff reduction volume (RRV), and completing the newest version of the Notice of Intent (NOI).

Registration is required. Registration deadline is January 30, 2013. Cost is \$225 per person if registered by the deadline, \$275 thereafter. No refunds, but substitutions are allowed. For more information, contact Rose Baglia at rsb22@cornell.edu or 845-344-1234. To register, contact Tiffany Glavan at tg257@cornell.edu or 845-344-1234.

Social Media Marketing

When: Thursday, Feb 7, 2013

Where: Cornell Cooperative Extension of Ulster County, 232 Plaza Rd. Kingston, NY 12401

Time: Registration 8:30am – 12:00pm

Cost: \$50/person

Registration: For more information, contact: Teresa Rusinek, 845-340-3990

Arborist Certification Training

When: February 13, 20, 27, March 6 2013; 12:30 - 5 pm

(Snow dates: 2/15, 2/22, 3/1, 3/8)

Exam: March 29, 2013; 8:30 am (doors open at 8:00 am)

Where: Cornell Cooperative Extension Dutchess County
2715 Route 44, Millbrook, NY 12545

A training program designed to assist green industry professionals in obtaining the International Society of Arboriculture (ISA) Certified Arborist designation. Topics will include tree biology, pruning, pest management, and safe work practices. Sessions will also offer ISA CEU's and NYS DEC Pesticide Recertification credits for certified arborists & licensed pesticide applicators.

Contact: Stephanie D. Radin sdm10@cornell.edu 845-677-8223 X104, or Jennifer Stengle jjs95@cornell.edu 845-278-6738

[\[Top of Page\]](#)

Articles:

NYS DEC Pesticide Applicator Recertification: Recertification Credits

Private Applicators Private Applicators are currently on a 5 year cycle for license renewal, and most categories need 10 credits per cycle.

Commercial Applicators: The recertification cycle for Commercial Applicators license renewal is 3 years. The number of credits needed depends on which category you are certified in. To see how many credits are needed for recertification in a specific category, see the chart on this page or visit www.dec.ny.gov/permits/41072.html.

Category 3A or 3B: Card renewal is every year. The recertification cycle for license renewal is 3 years, with 10 credits needed per cycle.

All Applicators: Core credits count for all categories, but 25% of the credits have to be specific to your category. All credits cannot be obtained in one calendar year, but must be spread over a few years.

If you do not recertify by your expiration date, you will need to get 6 penalty credits in addition to the credits required above. The penalty credits have to be earned after the date your certification expired. These credits can be core credits.

NOTE: If you let your license expire, it is the equivalent of being uncertified. This means you cannot apply or even possess restricted use pesticides. This includes general use pesticides, which should not be in your truck.

If you cannot obtain the regular credits, and your license has expired, you MUST obtain 6 penalty credits AND take a Recertification Exam. Recertification Exams are given at the NYS DEC Region 3 office in New Paltz, NY. Preregistration for an exam is mandatory; you will need to call 845-256-3097 to get a registration packet. The exam can be taken at any point in the calendar year before your license expires. *Don't wait until the week before you need to spray to try to schedule an exam!*

For private applicators, **the exam is an open book category exam.** For Commercial Applicators, **the exam is a closed book category exam.** You will be tested using the CURRENT category manual. Manuals can be obtained by calling 607-255-7282, emailing patorder@cornell.edu, or visit <https://psep.cce.cornell.edu/store/Manuals/> to order online.

To obtain credits, contact your local Cornell Cooperative Extension for upcoming classes that offer NYS DEC Recertification Credits. Other sources of credits, including online courses, can be found at the following Cornell Cooperative Extension websites:

Pesticide Training Course Database:
<http://coursecalendar.psur.cornell.edu/index.php>
PMEP's Distance Learning Center:
<http://coursesem.cce.cornell.edu/>

Submitted by Rose Baglia, [Cornell Cooperative Extension Orange County](#)

Guide to Farm Loan Programs: From FSA

The Farm Service Agency (FSA) is committed to providing clear and concise explanation of its farm loan process, and is pleased to announce the online publication titled "Your guide to FSA Farm Loans."

The guide is designed to serve as an informational tool and resource to help provide outreach and technical assistance to farmers and ranchers. The guide, written in "plain language", provides information about FSA's farm loans and loan servicing options. A list of additional resources is also included in the guide.

The guide is available online at <https://www.fsa.usda.gov/dafi>. Download and share it with the farmers and ranchers in your community.

Submitted by Jen Stengle, [Cornell Cooperative Extension Putnam County](#)

[\[Top of Page\]](#)

Recent 2(ee) recommendations: Apple Fruit set after Frost & Growth Regulator

The NYS Department of Environmental Conservation recently approved a 2(ee) recommendation for the use of Promalin Plant Growth Regulator (EPA Reg. No. 73049-41) to increase fruit set after frost in apple.

Users must have a copy of the appropriate 2(ee) recommendation in their possession at the time of use. A copy of the above 2(ee) recommendation is posted to the "NYS 2(ee) Recommendations and Categories" section of our web site. (Direct link to find the recommendation:

http://pmep.cce.cornell.edu/regulation/2ee/meth_nprohib/commodities/index.html The recommendation should also be available on PIMS (<http://pims.psur.cornell.edu>) shortly.

When using a 2(ee) recommendation, remember to follow any applicable directions, restrictions, and precautions on the primary product label.

Mike Helms, Extension Support Specialist/Managing Editor - Cornell Guidelines
Pesticide Management Education Program (PMEP)
Cornell Guidelines Website: <http://ipmguidelines.org>
PMEP Website: <http://pmep.cce.cornell.edu>

Submitted by Jen Stengle, [Cornell Cooperative Extension Putnam County](#)

2013 Cornell Guidelines Now Available

2013 Cornell Integrated Crop and Pest Management Guidelines for Commercial Vegetable Production Now Available

The 2013 edition of the Cornell Integrated Crop and Pest Management Guidelines for Commercial Vegetable Production is now available. This annual publication provides up-to-date vegetable crop production information for New York State. It has been designed as a practical guide for vegetable crop producers, crop consultants, ag chemical dealers, and others who advise vegetable crop producers.

In addition to the annually revised pesticide and crop production information, highlighted changes in the 2013 Vegetable Guidelines include:

- Updated and revised stink bug (including brown marmorated) control tactics for pepper and tomato;
- Revised sweet corn variety and fertility information; and
- Significantly revised Colorado potato beetle resistance management strategies for potatoes.

The 2013 Integrated Crop and Pest Management Guidelines for Commercial Vegetable Production can be obtained through your local Cornell Cooperative Extension office or directly from the Pesticide Management Education Program (PMEP) Educational Resources Distribution Center at Cornell University. To order from the PMEP Educational Resources Distribution Center, call (607) 255-7282, send an email to patorder@cornell.edu, or order on-line at <https://psep.cce.cornell.edu/store/guidelines>. Cost for the Guide is \$31, shipping included.

2013 Cornell Guide for Integrated Field Crop Management Now Available

The 2013 edition of the Cornell Guide for Integrated Field Crop Management is now available. This annual publication provides up-to-date field crop production information for New York State. It has been designed as a practical guide for field crop producers, crop consultants, ag chemical dealers, and others who advise field crop producers.

In addition to the annual variety and pesticide updates, this year several additions and revisions have been made to the Field Crops Guide including:

- A new section on spreading manure in adverse weather;
- Updated corn nitrogen management strategies;
- Revised management tactics for European corn borer and corn rootworm, including discussions on the use of GMO-BT corn varieties;
- Adding western bean cutworm as a pest of concern;
- Updated alfalfa snout beetle management practices;
- A new corn foliar fungicide efficacy comparison chart; and
- Revised soybean disease management guidelines.

The 2013 Cornell Guide for Integrated Field Crop Management can be obtained through your local Cornell Cooperative Extension office or directly from the Pesticide Management Education Program (PMEP) Educational Resources Distribution Center at Cornell University. To order from the PMEP Educational Resources Distribution Center, call (607) 255-7282, send an email to patorder@cornell.edu, or order online at <https://psep.cce.cornell.edu/store/guidelines>. Cost for the Guide is \$23, shipping included.

[\[Top of Page\]](#)

2013 Cornell Pest Management Guidelines for Berry Crops Now Available

The 2013 edition of the Cornell Pest Management Guidelines for Berry Crops is now available. This annual publication provides up-to-date pest management and crop production information for blueberry, bramble (raspberry and blackberry), strawberry, ribes (currant and gooseberry), cranberry, elderberry, and Juneberry (Saskatoon) production in New York State. Supplemental information on wildlife management and harvesting, handling, and transporting berry crops is also included. This publication has been designed as a practical guide for berry crop producers, crop consultants, ag chemical dealers, and others who advise berry crop producers.

In addition to the annually revised pesticide and crop production information, two new significant items have been added to the 2013 edition of the Berry Guidelines that will benefit berry producers:

- Revised management information for spotted wing drosophila and
- Addition of currant cane blight and white pine blister rust to the list of diseases of concern.

The 2013 Cornell Pest Management Guidelines for Berry Crops can be obtained through your local Cornell Cooperative Extension office or directly from the Pesticide Management Education Program (PMEP) Educational Resources Distribution Center at Cornell University. To order from PMEP, call (607) 255-7282, send an email to patorder@cornell.edu, or order on-line at <http://psep.cce.cornell.edu/store/guidelines>. Cost for the Guide is \$26, shipping included.

Submitted by Jen Stengle, [Cornell Cooperative Extension Putnam County](#)

Handbook of Turfgrass Insect Pest, Second Edition

Edited by Rick Brandenburg and Callie Freeman, the highly anticipated second edition of the best-selling *Handbook of Turfgrass Insect Pests* contains the most current, thorough, and practical information covering all aspects of turfgrass insect management in a streamlined format. All major insect pests and mites of warm- and cool-season turfgrasses in the United States are addressed. Extensive use of color photos of various insects and the turf damage they cause along with illustrations of insect life stages in their actual size, life cycle charts, and distribution maps aid in accurate identification, diagnostics, and management.

<http://www.entsoc.org/Pubs/Books/Handbooks/turf> Item #: ESATURF2

ISBN: 978-0-9776209-4-4

Limited-time ESA member-only introductory price: \$62.95, Member Price: \$71.95, Nonmember Price: \$79.95, APS members can also get a discount through their own organization

Submitted by Jen Stengle, [Cornell Cooperative Extension Putnam County](#)

[\[Top of Page\]](#)

Other Professional Horticulture Programs of Interest

***Christmas Tree Farmers of New York Annual Winter Meeting**

January 24-26, 2013, DoubleTree by Hilton, Carrier Circle, Syracuse, NY.
Mary Jeanne Packer, 802-236-0881

***Christmas Tree Twilight Meeting**

July 2013, Date and Location TBA

Contact:, Rosemarie Baglia 845-344-1234,

Teresa Rusinek 845-340-3990, or Stephanie D. Radin 845-677-8223 X104

This is a hands-on, in the field program focusing on professional Christmas tree production issues.

***IPM In depth**

August 12, 2013

Cornell University, Ithaca, NY

For more information, contact Elizabeth Lamb at eml38@cornell.edu

***NYS Releaf Conference**

July 18-20, SUNY IT

Marcy, NY

Contact: Mary Kramarchyk at 518-402-9412

***Floriculture Field Day**

August 13, 2013

Cornell University, Ithaca, NY

For more information, contact Neil Mattson at neil.mattson@cornell.edu

Certified Landscape Technician Training

Contact: NYSTLA at 914-993-9455 or visit www.nystla.com

An optional national testing program to recognize proficiency of qualified landscape professionals.

Certified Nursery Professional Training

Contact: In Dutchess, Putnam & Westchester: Scott Olivieri 914-682-4224;

In Orange, Rockland & Ulster: Contact: Mark Maseo 845-658-9148

By passing this exam you can earn the title Certified Nursery Professional (CNP). Contact your [New York State Nursery and Landscape Association](#), listed above, for more details. See 2013 Turf and Landscape Show flier for more information on the January 8th informative luncheon.

**This program will offer continuing education credits for applicable certifications. Contact educators listed on specific programs you are interested in for details. Program flyers will be available with details on each program within the month prior to the event.*

About Pesticide Certification

If you apply pesticides, including weed-killers, weed and feed products, insecticides, fungicides, or tick control products to customer's properties for hire, you or someone in your company must be a New York State Certified Pesticide Applicator through the New York State Department of Environmental Conservation and have their business registered. There are three levels of commercial certification: applicator, technician, and apprentice.

For Commercial Applicators

To be eligible to take the exams to become certified, you must meet one of the following requirements:

- 3 out of the past 5 years of verifiable experience as an apprentice working in the category applicant is seeking certification in; or
- 3 out of the past 5 years as a certified private applicator in a corresponding private category; or
- Certification in another State with which New York has reciprocity; or
- if seeking certification in the Sales Category - At least 3 years experience in the sale of pesticides, or can demonstrate, through applicable training certifications or education degrees, that one possesses appropriate technical background.

Certified Pesticide Technician:

- be at least 17 years of age.
- 2 years of verifiable experience as an apprentice; or
- Completion of a 30-hr. training course, approved by the NYS DEC or a baccalaureate or associate degree from an accredited college or university in the area seeking certification. These are offered at the following:

30 Hour Courses:

- Pest Management Training Center (B. H. Stangel, Inc.): (845) 357-7734, barrypmtc@optonline.net, or visit www.pestmanagementtraining.com/s/.
- Advanced Technical Consultants (ATC): Kevin Hurley, 845-687-6483, or visit www.pested.com (on line courses)
- For a more detailed list of current 30 hour certification courses, search the calendar database at Cornell University's Pesticide Management and Education program: <http://coursecalendar.psur.cornell.edu/>

Technicians, once certified, desiring full applicator status the following documentation is required: a letter indicating 2 yrs. of experience or 1 yr. of experience plus 12 recertification credits. Experience and recertification credits must be category or sub-category specific.

Pesticide Apprentice:

- Must be at least 16 years of age.
- Must receive 40 hours of pesticide use experience under supervision of a certified applicator and a minimum of 8 hours of instruction on topics outlined in Section 325.18 of Part 325 Rules & Regulations relating to the application of pesticides, before being able to apply general use pesticides under the off-site direct supervision of a certified applicator.
- Documentation of the above must be maintained by the certified applicator, and include: name & address of apprentice; date(s) of instruction or observation; content of training and certification category; instructor's name and certification identification number; and an evaluation of the competency of the apprentice.

For Private Applicators

Must be at least 17 years old.

- Have at least one year of full-time experience within the last three years in the use of pesticides in the category in which certification is requested --OR
- Has completed a 30-hr. training course, or has received an associate's or higher level college degree in the area of which certification is requested.

For further information on eligibility rules and regulations, and fees, contact the NYS DEC Region 3 Pesticide Staff at (845) 256-3097.

Eligible candidates for certification must and pass two examinations, administered by the NYSDEC. Once you determine you are eligible for certification, contact -your county's NYS DEC office for information on registering for the exams. NYS DEC Region 3 can be reached by calling (845) 256-3097.

[\[Top of Page\]](#)

Cornell University Cooperative Extension County Commercial Horticulture Educators

Dutchess: Stephanie Radin, sdm10@cornell.edu, 845-677-8223 x 104

Orange: Rosemarie Baglia, rsb22@cornell.edu, 845-344-1234

Putnam: Jennifer Stengle, jjs95@cornell.edu, 845-278-6738

Rockland: Amy Albam, aa79@cornell.edu, 845-429-7085

Ulster: Teresa Rusinek, tr28@cornell.edu, 845-340-3990

Westchester: Jerry Giordano, ggg3@cornell.edu, 914-946-3005

Mention of trade names and commercial products is for educational purposes; no discrimination is intended and no endorsement by Cornell University Cooperative Extension or Cornell University is implied.

Pesticide recommendations are for informational purposes only and manufacturers' recommendations change. Read the manufacturers' instructions carefully before use. Cornell University Cooperative Extension and Cornell University assume no responsibility for the use of any pesticide or chemicals.

Some of the links provided are not maintained by Cornell University Cooperative Extension and Cornell University. Cornell University Cooperative Extension and Cornell University are not responsible for information on these websites. They are included for information purposes only and no endorsement by Cornell University Cooperative Extension or Cornell University is implied.

You have received this newsletter because you indicated an interest in hearing about the information included in Hudson Valley Horticulture. If you wish to be removed from future mailings, please contact the office in your county. If this newsletter has been forwarded to you and you would be interested in receiving a copy each month, contact your local Cornell University Cooperative Extension Educator and ask to be put on the list. Cornell University Cooperative Extension provides equal program and employment opportunities. Please notify us if you have special needs.