



Cornell University
Cooperative Extension



2012 Hudson Valley Commercial Fruit Growers' School
An Educational Program for Tree Fruit, Berry and Grape Growers

February 14-17, 2012

Holiday Inn of Kingston
503 Washington Avenue, Kingston, NY 12401

Presented by: Cornell Cooperative Extension Hudson Valley Regional Fruit Program of Columbia, Dutchess, Orange and Ulster Counties

You save \$10 per day if you pre-register by February 6, 2012!

To pre-register, complete and mail this form with your check or credit card information to "Cornell Cooperative Extension, 232 Plaza Road, Kingston, NY 12401. Attention – Fruit School" (note our address has changed). It must reach us by February 6, 2012 to receive the pre-registration discount. Please register at the event if your payment will not reach us by 2/6. Contact Carrie Anne at (845) 340-3990 for information.

NAME: _____

BUSINESS NAME: _____

ADDRESS: _____

TELEPHONE: _____

E-MAIL: _____

Please indicate number of people attending each session:

Tuesday, February 14, 2012: - Tree Fruit Session and Trade Show

_____ attending X \$35 (includes lunch & Trade Show, \$45 if purchased at door) = \$ _____
_____ attending X \$30 (no lunch, \$40 if purchased at door) = \$ _____

Wednesday, February 15, 2012: - Tree Fruit Session

_____ attending X \$35 (includes lunch, \$45 if purchased at door) = \$ _____
_____ attending X \$30 (no lunch, \$40 if purchased at door) = \$ _____

Thursday, February 16, 2012: - Berry Session

_____ attending X \$35 (includes lunch, \$45 if purchased at door) = \$ _____
_____ attending X \$30 (no lunch, \$40 if purchased at door) = \$ _____

Friday, February 17, 2012: - Grape Session (PLEASE NOTE GRAPE SESSION PRICE DIFFERENCE)

_____ attending X \$45 (includes lunch, \$55 if purchased at door) = \$ _____
_____ attending X \$40 (no lunch, \$50 if purchased at door) = \$ _____

Total = \$ _____

Payment Options:

Enclosed is a check (made payable to CCEUC) _____

or

Charge my: MasterCard _____ Visa _____ Expiration Date (month/year) _____

Name on Credit Card _____

Credit Card Number (print clearly) _____

Zip Code of Card Holder _____ Card Holder Signature _____

The Holiday Inn is offering a special \$89.00 room rate for this conference. Reservations must be made by **February 14, 2012 to obtain this rate. Call 845-338-0400 and mention Cornell Fruit Growers' School.**

YOU MUST BE ON TIME AND IN-ATTENDANCE TO RECEIVE DEC CREDITS!



Agenda - Tuesday, February 14, 2012 – Tree Fruit Session 1

- 8:00 – 9:00 AM **Registration & coffee. Sign morning DEC Recertification rosters.**
- 9:00 – 9:05 AM **Announcements**
Mike Fargione, *Cornell Coop. Extension HVRFP, Highland, NY*
- 9:05 – 9:15 AM **Turning Point Training and Survey**
Mike Fargione, *Cornell Coop. Extension HVRFP, Highland, NY*
- 9:15 – 9:50 AM **Apple Scab Resistance and Fungicide Options**
Dr. Kerik Cox, *Dept. Plant Pathology, Cornell Univ., Geneva, NY*
- 9:50 – 10:30 AM **Tree Fruit Disease Roundup**
Dr. David Rosenberger, *Dept. Plant Pathology, Cornell Univ., HVL Highland, NY*
- 10:30 – 10:45 AM **Break**
- 10:45 – 11:25 AM **Tree Fruit Insect Roundup**
Peter Jentsch, *Dept. Entomology, Cornell Univ., HVL Highland, NY*
- 11:25 – 11:45 AM **NYS Horticulture Society Update**
Paul Baker, *NYS Hort. Society, Geneva, NY*
- 11:45 – 11:55 AM **Annual Meeting of Hudson Valley Research Lab, Inc.**
Tom Waz, *President, HVRL, Inc*
- 11:55 – 12:00 Noon **Announcements - stamp morning DEC pesticide credit forms**
- 12:00 – 1:30 PM **Lunch and networking**
- 1:00 – 1:30 PM **Sign afternoon DEC pesticide credit rosters (No afternoon credits can be given if you don't sign roster by 1:30 PM).**
- 1:30 – 2:05 PM **Brown Rot of Stone Fruit – Organisms, Resistance and Control Strategies**
Dr. Kerik Cox, *Dept. Plant Pathology, Cornell Univ., Geneva, NY*
- 2:05 – 2:35 **Delivering the NYAA Message from Produce Aisles to Airways to Apple Eaters and to Congress**
Jim Allen, *President, New York Apple Assoc., Fishers, NY*
- 2:35 – 2:50 PM **Break**



Agenda - Tuesday, February 14, 2012 – Tree Fruit Session 1 – continued

- 2:50 – 3:20 PM** **Dogwood borer control trials using mating disruption and novel trunk barriers.**
Dr. Art Agnello, *Dept. of Entomology, Cornell Univ., Geneva, NY*
- 3:20 – 3:55 PM** **Effective Tree Support Systems for Apples**
Steve Hoying, *Dept. of Horticulture, Cornell Univ., HVL Highland, NY*
- 3:55 – 4:00 PM** **Final announcements - stamp afternoon pesticide credit forms**
- 4:00 – 7:00 PM** **Trade Show in the Holidome**
*As of January 3, 2012, the following organizations will participate in the Trade Show on Tuesday evening. We thank them for their support!

Adams County Nursery	Bayer Crop Science	Belle Terre Irrigation & Packaging
Crop Growers, LLC	Gowan Co.	Helena Chemical Co.
Nichina America	NM Bartlett, Inc.	NYCAMH
NY Farm Bureau	NYSDEC	NYSDOL
OESCO, Inc.	Pace International	River Valley Fencing
Rose & Kiernan, Inc	Ryan & Ryan Insurance	Storage Control Systems
Syngenta Crop Production, Inc.	Treen Box & Pallet	USDA NY Ag. Statistics Serv.
Valent USA Corp.	Wafler Nursery	

Agenda - Wednesday, February 15, 2012 – Tree Fruit Session 2



- 8:00 – 9:00 AM** **Registration & coffee. Sign morning DEC Recertification rosters.**
- 9:00 – 9:05 AM** **Announcements**
Mike Fargione, *Cornell Coop. Extension HVRFP, Highland, NY*
- 9:05 – 9:10 AM** **Turning Point Training and Survey**
Mike Fargione, *Cornell Coop. Extension HVRFP, Highland, NY*
- 9:10 – 9:40 AM** **Fire Blight in Michigan Orchards: History and Current Control Practices.**
Bill Shane, *District Fruit & Marketing Agent, MSU Southwest Michigan Research & Extension Center, Benton Harbor, MI*
- 9:40 – 10:05 AM** **Thoughts on Fire Blight Management in 2012 for the Hudson Valley.**
Dr. Dave Rosenberger, *Dept. Plant Pathology, Cornell Univ., HVL Highland, NY*
- 10:05 – 10:20 AM** **NYSDEC Pesticide Update**
Catherine Ahlers or Colleen Darcy, *Region 3 Pesticide Control Specialist, NYSDEC, New Paltz, NY*



Agenda - Wednesday, February 15, 2012 – Tree Fruit Session 2 continued

- 10:20 – 10:35 AM** **Break**
- 10:35 – 11:20 AM** **Peach & Nectarine Varieties for the Fresh Market**
Bill Shane, *District Fruit & Marketing Agent, MSU Southwest Michigan Research & Extension Center, Benton Harbor, MI*
- 11:20 – 11:50 AM** **Diversifying Beyond Apples - Is Growing Hops in Your Future?**
Steven Miller, *Cornell Coop. Extension Madison County, Morrisville, NY*
- 11:50 – Noon** **ARDP Annual Report**
Peter Ten Eyck, Apple Research & Development Program Board
- 12:00 – 12:05 PM** **Announcements - stamp morning DEC pesticide credit forms**
- 12:05 – 1:30 PM** **Lunch and networking**
- 1:00 – 1:30 PM** **Sign afternoon DEC credit rosters (No afternoon credits can be given if you don't sign roster by 1:30 PM).**
- 1:30 – 2:15 PM** **New Research on Drop Control in Apples: Retain, Harvista and NAA**
Dr. Terence Robinson, *Dept. Horticulture, Cornell Univ., Geneva, NY*
- 2:15 – 2:30 PM** **Break**
- 2:30 – 3:15 PM** **Pros and Cons of New Cherry Planting Systems**
Steve Hoying, *Dept. Horticulture, Cornell Univ., HVL Highland, NY*
- 3:15 – 3:45 PM** **Invasive Pest Update – Brown Marmorated Stink Bug and Spotted-Winged Drosophila**
Peter Jentsch, *Dept. Entomology, Cornell Univ., HVL Highland, NY*
- 3:45 PM** **Final announcements – stamp afternoon pesticide credit forms**



Agenda - Thursday, February 16, 2012 – Berry Session

- 8:00 – 8:50 AM** **Registration. Sign DEC Recertification Credit rosters.**
- 9:00 – 9:05 AM** **Announcements**
Steven McKay, *Cornell Coop. Extension HVREFP, Hudson, NY*
- 9:05 – 10:00 AM** **Using Trac Software: The Basics**
Dr. Juliet Carroll, *NYIPM Program, Geneva, NY*
- Opening Trac, Enabling Macros and Saving Files
 - Protecting Your Software and Hidden Rows
 - Updating Trac from the Previous Year, Excel Shortcuts and Trac Tips
 - Setting Up Your Information in Trac – Name, Address, Applicators, SiteLists
 - ChemTable, Inventories and Tank Mixes
 - Keeping Records in Trac, SprayData, FertData and HarvestData
 - EPA WPS Central Posting Form, Applicator Records
 - Creating and Printing Reports with Trac
- 10:00 – 10:10 AM** **Break**
- 10:10 – 11:15 AM** **Advanced Features of Trac Software**
Dr. Juliet Carroll, *NYIPM Program, Geneva, NY*
- More about SiteLists
 - Advanced ChemTable Features
 - Customizing Trac Software
 - Create Report Files to Submit Electronically
 - Working with Data, Filtering and Sorting
 - Where to Access Technical Support
- 11:15 – 12 Noon** **Preparing a Food Safety Plan for Your Farm**
Mike Fargione, *Cornell Coop. Extension HVREFP, Highland, NY*
- 12:00 – 1:00 PM** **Lunch and networking**
- 1:00 – 1:30 PM** **Financial Recordkeeping Tools**
Laura McDermott, *Cornell Coop. Extension CDVSFP, Hudson Falls, NY*
- 1:30 – 2:00 PM** **Processed Products Recordkeeping**
Steven McKay, *Cornell Coop. Extension HVREFP, Hudson, NY*
- 2:00 – 2:30 PM** **Composting and Mulches**
Steven McKay, *Cornell Coop. Extension HVREFP, Hudson, NY*

Agenda - Thursday, February 16, 2012 – Berry Session continued



- 2:30 – 2:45 PM **Break**
- 2:45 – 3:35 PM **Creating a Weed Control Plan for Berry Crops**
Laura McDermott, *Cornell Coop. Extension CDVSEFP, Hudson Falls, NY*
- 3:35 – 4:15 PM **Developing a Pest Control Program for Invasive Insects**
Dr. Greg Loeb, *Dept. Plant Pathology, Cornell Univ., Geneva, NY*
- 4:15 – 4:30 PM **Question & Answer Discussion Session**
- 4:30 PM **Evaluation and Adjourn**

Agenda - Friday, February 17, 2012 – Grape Session



- 8:00 – 8:50 AM **Registration.**
- 8:50 – 9:00 AM **Welcome.**
Steven McKay, *Cornell Coop. Extension HVRFP, Hudson, NY,*
Steve Hoying, *Dept. of Horticultural Sciences, Cornell Univ., HVL, Highland, NY,*
Michael Migliore, *President HVWGA*
- 9:00 – 10:05 AM **Sour Rot Panel: What is the disease, cultural practices and sprays for prevention, dealing with sour rot in the winery**
Tim Martinson, *Statewide Viticulture Extension Program, Cornell Univ., Geneva, NY,* and Dr. Chris Gerling, *Dept. Food Science, Cornell Univ., Geneva, NY*
- 10:05 – 10:45 AM **Managing High Grape pH: Acidification/Deacidification**
Dr. Chris Gerling, *Dept. Food Science, Cornell Univ., Geneva, NY*
- 10:45 – 10:55 AM **Break**
- 10:55 – 11:35 AM **Annual Insect Update: Spotted Wing Drosophila, Stink Bugs, Grape Berry Moth**
Peter Jentsch, *Dept. Entomology, Cornell Univ., HVL Highland, NY*
- 11:35 – 11:50 AM **Adjuvants**
Peter Jentsch, *Dept. Entomology, Cornell Univ., HVL Highland, NY*

Agenda - Friday, February 17, 2012 – Grape Session *continued*



- 11:50 – 12:05 PM **Soil Tests and Petiole Analysis**
Steve Hoying, *Dept. of Horticulture, Cornell Univ., HVL Highland, NY*
- 12:05 – 1:30 PM **Lunch and Networking**
- 1:30 – 2:15 PM **Consulting with Your Soil Conservation Service**
TBA, *Ulster Soil & Water Conservation District, Highland, NY*
- 2:15 – 3:10 PM **Physical Barriers for Wildlife Control, especially Deer Fencing and Bird Netting.**
Mike Fargione, *Cornell Coop. Extension HVRFP, Highland, NY*
- 3:10 – 3:40 PM **Temperature Monitoring Summary, Lab Activities**
Steve Hoying, *Dept. of Horticultural Sciences, Cornell Univ., HVL Highland, NY*
- 3:40 – 3:50 PM **Break**
- 3:50 – 4:00 PM **Value-added Food Products from Wine Grapes**
Steven McKay, *Cornell Coop. Extension HVRFP, Hudson, NY*
- 4:05 PM **End of CCE HVRFP Grape School**
- 4:05 – 5:00 PM **Hudson Valley Grape and Wine Association Session: Wine samples from HV Wine Competition and from Highland Lab Grapes**
Bruce Tripp, Mike Migliore, Others

Information Exchange

Once again we will have a bulletin board set up for growers to post information on materials they are looking to buy or sell, and for job opportunities. Bring a 3" X 5" index card with your information and post it for other growers to see! Growers only – please no commercial or personal advertisements.

Pesticide Recertification Credits

YOU MUST BE ON-TIME AND IN-ATTENDANCE TO RECEIVE CREDITS!

NYSDEC Pesticide Applicator Recertification credits have been applied for and are expected for each day of this event. **All certified applicators must have their valid license with them to sign the roster.** You will not be able to sign the roster for a session if you arrive after the presentations have begun. NYSDEC inspectors may monitor this event.

The following applies to **NYS Private Applicators in categories 21-25** (21=Field and Forage, 22= Fruit, 23=Vegetable, 24=Greenhouse and Florist, 25=Nursery, Ornamentals and

Turf). Most private applicators are now on the 5 year license recertification cycle (there may be a few on the tail-end of the old 6 year cycle). Assuming you are on the 5-year cycle:

- You now recertify (send in money and credits) every 5 years and you no longer need to renew your license every 3 years. The recertification fee is \$25 every 5 years.
- Categories 21-25 need to earn a total of 10 credits within 5 years (unless you're still on 6 year cycle- then you will need to earn 12 credits one last time). The credits must be earned during more than one calendar year.
- Private applicators are required to obtain at least 25% of their credits in their specific category (such as Fruit - you can obtain all credits in your specific category). The remaining 75% of credits can be obtained in 21, 22, 23, 24 or 25 or as core credits.
- Other regulations apply for categories 31=Ag Animal, 41=Aquatic and commercial categories. Consult your local DEC office if you have questions or want more information.

Special Program Sponsors

To date, the following have provided additional support or helped underwrite some of the costs of holding this educational event. Their support is greatly appreciated:

<i>Adams County Nursery</i>	<i>Bayer Crop Science</i>	<i>Belle Terre Irrigation</i>
<i>Crop Growers LLC</i>	<i>Helena Chemical Co.</i>	<i>HV Wine & Grape Growers Assoc.</i>
<i>M & H Apple Farms, LLC</i>	<i>NM Bartlett, Inc.</i>	<i>NY Apple Association</i>
<i>NY Berry Growers Assoc.</i>	<i>Pace International.</i>	<i>Valent USA Corp.</i>
<i>Wafler Nursery</i>		

Directions to the Holiday Inn, Kingston, Ulster County, NY

Take NYS Thruway to Exit 19 (Kingston). Go through traffic roundabout to Washington Avenue Exit. The Holiday Inn entrance will be one-quarter mile on the right side of the road. The entrance is just after Picnic Pizza and before Bank of America.

Cornell Cooperative Extension reserves the right to change or alter the agenda presented here as needed. Topics covered and their scheduled order may change due to speaker availability. Look for the most current schedule on our web page at:

<http://hudsonvf.cce.cornell.edu/calendar.html#fs>

***Cornell Cooperative Extension provides equal program and employment opportunities
Please contact the CCEUC office at 845-340-3990 if you have any special needs.***