



CALENDAR of EVENTS JULY 22 - AUG. 5, 2005

MEETINGS

DEPARTMENT CHAIRS

Date: Tuesday, July 26
Time: 9 – 10 AM
Place: Director's Office

SEMINARS

SUSTAINABLE COFFEE PRODUCTION IN COLOMBIA

Speaker: Dr. Gabriel Cadena, Director of
CENICAFAE
Date: Monday, July 25
Time: 3:30 PM (Coffee at 3PM)
Place: A133 Seminar Room, Barton
Lab

EFFECTS OF BRIX, ORGANIC ACIDS AND PH ON ULTRASOUND PROCESSING

Speaker: Siti Salleh (M.S. candidate)
Date: Wednesday, July 27
Time: 11 AM
Place: Food Science & Technology
Conference Room
Food Research Laboratory,
Second Floor

SAVE THE DATE

Station Club Family Picnic September 9 fun and games more details soon



(GOVERNER, continued)

applicable State and local sales and excise taxes; and

- Out-of-state wineries that apply for a license to ship into New York to be located in a state which affords New York wineries reciprocal shipping privileges.

New York State is the third largest producer of grapes in the nation. The wine and grape industry generates over \$500 million in gross annual sales, which produces upwards of \$85 million in State and local revenues and approximately 18,000 New York jobs from the Southern Tier and the Finger Lakes to Suffolk County.

Nathan L. Rudgers, Commissioner of the Department of Agriculture and Markets said, "New York has a vibrant and growing wine industry that is fast earning the respect and admiration of more and more consumers across the nation and around the world. As a strong supporter of New York's more than 200 wineries, Governor Pataki is helping our wineries by signing this legislation, enabling them to reach new customers and further enhance the marketability of our fine wines."

In 2000, 2.7 million people visited New York wineries. When out-of-state tourists visit New York State wineries, they often inquire about having a favorite wine shipped directly to their homes in other states. However, since many states require reciprocal shipping privileges, our current ban on interstate shipment often prevents New York wineries from shipping to residents of other states. This prevents New York wineries from establishing long-standing relationships with customers in other states, which would help promote New York wines.

New York State wineries have received numerous awards as well as favorable reviews by nationally-recognized wine magazines. With this legislation, out-of-state customers, who hear about one of the award-winning New York wines or read a favorable review, will be able to have New York wineries ship the wine directly to their homes. Direct shipment will also allow local wineries to establish popular wine clubs. An expanded wine and grape industry will create additional jobs throughout the State and generate millions of dollars in economic revenue.

The new law will take effect August 12, 2005.

Jessica A. Chittenden

CLASSIFIED

FOR RENT: 1 bedroom apartment, semi-furnished, 2nd floor. \$450 available mid August. Security deposit required. Contact Nancy Long X2288 or npl1

FOR SALE: Three twin beds & box frames. 1 set \$50, 2 sets \$25 each. Also dresser and mirror \$50. Contact Pat at pm12@cornell.edu or phone 781-0218

FOR RENT: 3 bedroom house across the street from the Station on Pre-Emption Road. \$675 plus utilities. Available for August. Contact Nancy Long X2288 or npl1

FOR SALE: Classic dark hardwood dining room table, chairs, and matching buffet. \$500 for entire set. Contact Betsy at X2625 or eab38. Can email pictures if interested

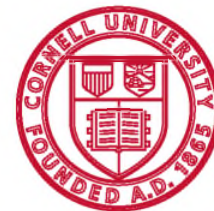
FOR SALE: Grape press and carboys. If interested call Mrs. Einset at 789-9869

FOR SALE: Husky Front Seat and Cargo Liner for 95-04 Blazer/Jimmy/Envoy; black in color, used for 2 years, very good condition, combo retails new for \$130, can be protecting your Blazer/Jimmy/Envoy for \$70. Contact David at x2326 or dbc10

FOR SALE: Nine aluminum storm windows 72 inches tall and 34 inches wide. Good condition. \$50 for the lot. Aluminum storm door 36 inches wide. Good condition, \$20. Call x2480 or email gf35

FOR SALE: Black steel grill guard, brand new, never used. Fits Dodge truck. Heavy duty bed mat w/Dodge logo, fits short bed. Brand new. Contact George at x2618 or gwh1

FOR RENT: Seneca Lake cottage. Two bedroom, boat lift, directly on lake, no stairs. For more info email mlh5



STATION NEWS

New York State Agricultural Experiment Station, Geneva, New York

VOLUME LXXXVI • NO. 14
July 22 - Aug. 5, 2005

BRIEFS

Empire State Fruit and Vegetable Expo Plans Underway

A grower-focused 2006 Expo will provide practical and hands-on information for growers to incorporate into existing and expanding operations.

Plans are being made for the 2006 Empire State Fruit and Vegetable Expo. The Expo will be held in the same great location as last year, at the Oncenter Convention Center in Syracuse on February 13–16. This central location provides plenty of meeting space as well as room for a large trade show containing over one hundred exhibitors plus plenty of specialized equipment for vegetable and fruit growers. Look for special demonstrations to be held in the trade show for growers and farm employees.

The Expo typically kicks off with the Becker Forum and this year will be no exception. Plans are being made to provide participants with an in-depth all-day workshop which focuses on current trends in the fruit and vegetable industry. Detailed information regarding the workshops focus will be available in late September with pre-registration available at the beginning of December when the Expo programs become available.

Three full days of educational commodity sessions take place on February 14–16, 2006. Session topics include the latest in research and grower experiences regarding production and marketing of a variety of fruit and vegetable crops, including tree fruit, sweet corn, stone fruit, potatoes, pumpkins, onions, vine crops, cabbage and berries, to name a few.

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Denise Duclos Receives McClintock Award

The Cornell University Graduate School recently named Denise Duclos a recipient of the Barbara McClintock award in recognition of her research on the control of reproductive development in Brassica, with a focus on the control of head form in broccoli.

Denise is a student working with Thomas Björkman in the Department of Horticultural Sciences. She is investigating the role of homeotic genes in determining when the meristem, which is the cauliflower curd, differentiates to flowers making the broccoli head. The goal of her research is to broaden the range of adaptation for these increasingly popular crops so that they can be widely grown in New York.

"I'm very proud of Denise for winning this highly competitive award! Her work is outstanding, so the recognition is well-earned," Thomas said. "Denise's project takes a molecular approach to a horticultural problem, a great example of Cornell's strength in combining excellence in horticulture with excellence in plant biology. This award will enable her further explore research themes of her own devising."

The Barbara McClintock Award is new graduate student award supported by The Barbara McClintock Fund, a College endowment. It is named in honor of Cornell plant geneticist Barbara McClintock '23, Ph.D '27, who won the Nobel Prize for her work on transposons. The endowment for the award came from Robert Rabson, Ph.D '56, who enabled much novel plant physiology research through his long leadership of the U.S. Department of Energy's Energy Biosciences Division.

"I think it's fitting that Denise's work is on environmental responses, a research area that Dr. Rabson championed, using knowledge derived directly from Dr. McClintock's work as a Cornell graduate student," Thomas added.

Graduate students in any of the six plant science graduate fields (Horticulture, Plant Biology, Plant Breeding, Plant Pathology, Plant Protection, and Soil and Crop Sciences) are eligible for the award. A student's background and potential for success are given primary consideration. Students also must have completed at least two years of their M.S./Ph.D or Ph.D program and made unique and outstanding contributions in research and teaching.

Denise is a native of Viña del Mar, Chile and has an engineering degree in agronomy from the University of Valparaiso in Chile and a master's in biotechnology from Hebrew University in Israel.

"Much of my interest in molecular biology comes from my experience in Israel," Denise said about receiving the award. "With the encouragement of my professors there, I decided to continue my education at Cornell University, combining my love for plant physiology

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Thomas Bjorkman and Denise Duclos with
McClintock Award Certificate



(BRIEFS, continued)

“Our educational sessions will be better than ever as we are incorporating more grower and industry speakers than ever before. Our attendees have asked for this and we will deliver,” says Educational Chair Stephen Reiners, Associate Professor of Horticultural Sciences at the Station. “Every session organizer will be working with a member of the Vegetable Growers Board of Directors to generate session ideas and find new and innovative speakers. In addition, our Exhibitor reps on the Expo Planning Committee are providing us with cutting edge speakers. This will be an Expo you will not want to miss.”

The Empire State Fruit and Vegetable Expo is sponsored by the New York State Vegetable Growers Association, Empire State Potato Club, New York State Berry Growers Association, New York State Horticultural Society, Cornell University and Cornell Cooperative Extension.

Trade show and exhibitor information will be available in September and the Expo program, which includes detailed educational session information and a pre-registration form, will be available in early December. Free shuttle bus service is available from the Holiday Inn Liverpool, right off exit 37 of the New York State thruway. Mark your calendar to attend the best Empire State Fruit and Vegetable Expo yet.

For more information, please contact Jeff and Lindy Kubecka, New York State Vegetable Growers Association, PO Box 70, Kirkville, NY 13082 or email nysvga@twcnv.rr.com.

SeaBreeze Tickets

Adult tickets - \$17.30
Kids under 48" - \$16.28

See Nancy Long between
8:30 AM – 1:30 PM for
tickets

A122 Barton

(DENISE, continued)

with this newfound interest in the world of molecular biology.”

There were multiple applicants from all the plant science fields. Each applicant was among the best students in their respective fields. After much discussion by the Directors of Graduate Study in the Plant Sciences and the Director of Academic Programs, four awards were made with Denise being the only one from the field of horticulture; each student received a certificate along with \$2,000 to be used toward research or for travel to a conference.

“Denise is most deserving of the Barbara McClintock award,” said Horticultural Sciences Department Chair, Alan Taylor. “She has taken a leadership role in our Department's Seminar series and is a true Ambassador for Geneva and Cornell.”

J. Ogrodnick

Thanks to NY Ag Innovation Center, Processor Buying More New York-Grown Produce

Rick Field, a pickle maker in Brooklyn, says he expects his purchases of New York grown produce to increase five to seven times this year. He will buy from 500 to 2,000 lbs. of fresh cucumbers, onions, garlic, beans and such each week from now until frost from Hudson Valley growers. Why?

Well, not to diminish his own ingenuity in reviving pickling as a noble enterprise, but one of the reasons is Field's work with the NY Ag Innovation Center (NYAIC), an initiative of the New York Farm Viability Institute, Inc. that is interested in growing New York's agricultural sector and increasing sales of New York farm products.

“Olga Padilla-Zakour, Don Downing, Herb Cooley and Judy Anderson (NYAIC consultants) were instrumental in the development, refinement and expansion of our professional line,” says Field. “We could not have accomplished that growth without them. The critical components we learned in the test kitchens were important when we returned to the real world. We returned numerous times to refine our recipes for quality and for formulation acceptable to the food industry regulators,” Field says.

To make his line of gourmet pickle products, Field purchases fresh produce from Hudson Valley growers. He currently buys from about half-a-dozen growers and is looking to double that number as his production increases. Rick is often found selling his finished products side-by-side at New York City Greenmarkets with the growers who supplied him fresh vegetables for processing at a community kitchen in Poughkeepsie.

“We try to spend every dollar we can on New York grown produce. We feel it is important to stay local not only for freshness and quality, but to be part of the regional economy,” Field says.

Field says the NYAIC team of food processing and packaging specialists helped him address the many issues that come with transitioning a home canning recipe into commercial production.

“The consultants were patient and mindful of our number one priority – making a crisp pickle. The Ag Innovation Center team helped us find ways to maintain the integrity of our original ideas so that crispness is first and foremost,” Field says.

NYAIC is supported by a USDA Rural Business-Cooperative Service grant, with additional support from NYS Department of Agriculture and Markets, the Cornell University Agricultural Experiment Station, the College of Agriculture and Life Sciences and Cornell Cooperative Extension.

For more information about the services available through NYAIC, contact the NY Ag Innovation Center, 150 Warren Hall, Cornell University, Ithaca, NY 14853, 607-255-7215, nyaic@cornell.edu, <http://nyaic.cornell.edu>

Governor Signs Bill to Bolster New York's Wine Industry

Governor George E. Pataki today announced that he has signed legislation into law that provides a significant boost to New York's wine industry by permitting the direct interstate shipment of wine in New York State. The new law opens up New York's world-class wineries to the national market while giving New Yorkers more choices as consumers, and it imposes the necessary safeguards to prevent underage drinking.

The law follows a landmark U.S. Supreme Court ruling made in May, which struck down a New York law that barred out-of-state wineries from directly shipping their wine to New York residents. It also recognizes the constraints that the State's law has placed on New York's wineries ability to conduct business in other states.

“New York's wine industry is one of the fastest growing and most successful segments of the State's agriculture industry,” Governor Pataki said. “I am pleased to sign this legislation into law that permits the interstate shipment of wine in New York, allowing New York's wineries to grow by opening the doors to new markets across the nation that were previously closed to them.”

“We have been advocating for a change in New York's law to allow for the interstate shipment for years,” Governor Pataki said. “The recent U.S. Supreme Court ruling provided us with an excellent opportunity to promote New York's wine industry. This law puts in place the necessary safeguards and guidelines to ensure that the interstate shipment of wine is done responsibly.”

Senator George H. Winner, Jr., the Senate sponsor of the legislation said, “It's been a long time coming, but we're finally beginning a new, modern economic era for New York State's grape and wine industry. It promises exciting economic opportunities for our wineries, and it's a vital contribution to the overall economic future of the Finger Lakes region.” Assemblyman Herman D. Farrell, Jr., Chair of the Assembly Ways and Means Committee said, “This is landmark legislation that will not only strengthen New York's wine and grape industry, but the agricultural industry as a whole. I am proud to have been a part of its development, knowing that our State's reputation as a national leader of wine production will continue to grow.”

New York Wine & Grape Foundation President, Jim Trezise said, “This new law transforms the New York wine industry from a local curiosity into a national player. In the past 30 years, New York has grown from only 19 wineries to 218 today. This law extends direct shipment to a national scale, and will have an immediate impact on sales as well as New York's reputation for quality wines. This is a great investment in New York's economy, and we are grateful to Governor Pataki and the Legislature for propelling our industry into a new era.”

The law will establish a strict licensing mechanism to ensure that proper safeguards are in place to prevent underage drinking and to provide for the responsible shipment of wine to and from New York State. The law requires, among other things:

- Limiting shipments from each winery to not more than 36 cases (no more than 9 liters each case) per year to a resident of New York;
- Licensed wineries to sell their wines only to adults at least 21 years of age;
- Common carriers to obtain a valid photo identification and signature before delivering wine to a resident;
- Each shipping container to be clearly labeled with the words “Contains Wine – Signature of Person Age 21 or Older Required for Delivery;”
- Limiting shipments from wine manufacturers to not more than 36 cases (no more than 9 liters each case) per year to a resident of New York;
- Licensed wineries to register with the Department of Taxation and Finance and pay all

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Tour the Ag & Food Tech Park

Station and USDA employees are invited to take a guided tour of the Cornell Agriculture & Food Technology Park on **Thursday, July 28, from 3:30–5 pm** with executive director Dan Fessenden. You will be able to see the progress of the park to date, and experience the site that future agriculture, food and bio-based industry in Geneva will call “The Technology Farm.” There will be walk-throughs of the new flex-tech building and time for Q&As. This event is open to Station and USDA faculty, staff and students. Pedestrian access only, via the bridge over Castle Creek, south of Barton Lab and east of the Warehouse. Follow the signs.



Dan Fessenden

PLEASE GIVE BLOOD

WE NEED YOU!
GIVE THE GIFT OF LIFE...
PLEASE GIVE BLOOD.

Monday, Aug. 8
9 AM – 2:30 PM

NYS Experiment Station
Jordan Hall – Lounge

If you donated on or before **June 13**
you will be eligible to donate.