

CORNELL  
UNIVERSITY

## STATION NEWS

GENEVA  
NEW • YORKVOLUME LXXXIII • NO. 48  
DECEMBER 6 - 13, 2002

## BRIEFS

## Taiwan Bans U.S. Apples

Taiwan, the third largest export market for apples, has banned the import of U.S. apples after alleged discoveries of live codling moth larvae in shipments from Washington and California. Representatives from the Northwest immediately began talks to lift the ban. Within days, the U.S. Animal and Plant Health Inspection Service and the Northwest Horticultural Council, Yakima, Washington, flew to Taiwan to begin a discussion of the ban.

Taiwan officials reportedly found a live codling moth larva Nov. 5 in a shipment of Washington apples. The larva was reportedly among a shipment of Red Delicious. According to reports, shipments already on route with correct documentation will be allowed entry to Taiwan.

An investigation must explain why the moths were in the shipments in order for U.S. shipments to resume.

The United States has exported apples to Taiwan for over 25 years. The discovery was the first major phytosanitary problem ever found with the fruit shipments, according to reports.

Washington shippers sent over three million 42-pound boxes of apples to Taiwan in 2001, according to the USDA.

## Apple Production Lowest Since 1986

Overall, 2002 apple production is estimated at a 16-year low, according to the USDA, which pegs total US production at 212.2 million bushels, the lowest since 1986. The upside is that there are plenty of high-quality apples available and growers are receiving excellent prices for their apples. According to the USDA, 2002 production in New York is estimated to be down 35%, a 40% decrease from the five-year average.

An arctic air mass that blew through the heart of Washington's apple-growing region

(Continued on page 2)

## John Schadt Leaves \$.5M to the Hudson Valley Laboratory

John Fredrick Schadt, who was employed as a technician for 38 years at Cornell University's Hudson Valley Laboratory, in Highland, NY, has given \$500,000 to the laboratory. Schadt died on Feb. 2, 2000, at the age of 88. In settling his estate, the law firm of

McCabe & Mack has announced Schadt's gift, and his stipulation that the monies be used in the entomology section at the lab.

"The tremendous gift John Schadt bequeathed specifically to entomology at this facility is completely unexpected and a bit overwhelming," said Richard Straub, professor of entomology at the Hudson Lab. "I imagine it to be, in spirit, a gift to all who have worked at this research laboratory since its establishment some 75 years ago, and a statement of thanks to the Hudson Valley apple growers with whom he so enjoyed working. Such generosity reminds me again, just how privileged we are to do what we do for a living."

"The loyalty of staff frequently is not fully recognized and is often quite humbling when it is expressed," said Jim Hunter, director of the Experiment Station that oversees the Hudson Valley Lab. "John Schadt's generosity has made a lasting impression on all of us, and reminds us of the dedication of many of the staff who work for the Experiment Station."

Straub remembers Schadt as a "salt of the earth" guy, with strong European characteristics and values. "Inevitably, he arrived each day in a shiny, late model automobile, wearing the identical uniform—khaki shirt with matching pants. John was very regimented, thorough, and hard-working," said Straub.

Schadt was hired as a part-time laborer at the Hudson Valley Lab during the summers from April 1936 until 1942, and appointed full-time custodian and laborer in December, 1942. He assisted in maintaining research orchards, collecting data, helping with the more technical aspects of biological research, and caring for laboratory and field equipment. He was reclassified as an experimentalist I in 1959, and retired from the lab in March 1974.

The entomology section at the Hudson Valley Lab has earmarked some of the funds to replace an aging tractor and high-clearance sprayer for the vegetable entomology program. They have also made tentative plans to perform serious renovations in the fruit entomology lab as a memorial to Mr. Schadt. Most of the gift will be reserved in a secure account to insure the continuance of the vital support position that Mr. Schadt once held, according to Straub.

Schadt was born on October 12, 1911, the son of Frederick John Schadt and Annie (Garten) Schadt. He lived on Wagner Road, in Lagrange, NY, his entire life. His father was employed by Vassar College in Poughkeepsie as a cook, and his mother took in laundry. He was educated in the Arlington School system in Poughkeepsie, and played semi-pro baseball. In the 1930s, he went to work for the New York Central Railroad as a deliveryman, then part-time for the State of New York, and eventually full-time for the Hudson Valley Lab.

The Hudson Valley Lab is one of two field stations of the Experiment Station, and was established by the New York legislature in 1923. The other lab is in Fredonia, NY.

L. McCandless



The Hudson Valley Laboratory in Highland.

(BRIEFS, continued)

in the last week of October froze as many as four million boxes worth of unpicked apples, and figured in their reduction. Hardest hit were Fujis and Pink Lady. As many as two-thirds of the state's Pink Lady crop were still on the trees at the time of the freeze. Frozen fruit is not salvageable and will not be harvested. Other late-season varieties hit by the late Washington freeze were Granny Smith and Braeburn.

*Fruit Growers News*

## Annual Station Club



## Holiday Party

**(For Station Club Member's children, ages 10 & younger)**

**Saturday,  
December 14, 2002  
1:00 - 3:00 PM**

**Jordan Hall Auditorium**

Members, pick up a coloring sheet from your Station Club Representative (the coloring sheet is so Santa knows who to bring gifts for)

Come join us for crafts, fun and a visit from Santa!

Pizza & punch will be provided by the Station Club. Bring a dish to pass or a favorite snack.

## Rochester Landscape Company Reaps IPM Award

Laurie Broccolo's landscape business in Rochester, NY, may not charge the lowest prices. Her labor costs are higher, she hardly advertises, and she even runs seminars for the competition. But breaking the traditional rules of business has proven to be a successful strategy for Broccolo, her 29 employees, and her 2,800 clients.

Another strategy for success is Broccolo's practice of IPM techniques that minimize the use of pesticides while promoting soil and plant health.

Dedication to a method that's proven so valuable to her clients has won Broccolo and her employees the 2002 "Excellence in IPM Award" for leadership in engaging in environmentally sound practices for landscape care. Broccolo—with about 10 of her employees—received the award on November 13 from the New York State Integrated Pest Management Program, at the New York State Turf and Grounds Exposition in Syracuse, NY.

"We offer a customized service that's environmentally sensitive," says Broccolo. "We're in touch with our clients often. We let them know what pest problems we've found—or that their properties are looking great. We love what we do, and it shows. I'm absolutely thrilled to receive this award. The support of the Cornell community has been key to growing our business, and we're incredibly grateful."

"Laurie Broccolo built this company, but it's clearly a team effort," said Michael Hoffmann, director of the New York State IPM Program. "We're as thrilled to give this award as they are to get it."

### Cutting Edge Horticulture

A typical day at Broccolo Tree and Lawn Care begins at 6:30 a.m. The landscape crews may be edging or mulching, planting or pruning, depending on the season or the day. But while they're at it, they also pay attention to the soil, plant vigor, signs of stress, insect pests, and/or disease.

If they see a problem, they get on their radio and call the IPM crew member—the IPM "tech"—in their area who knows the properties and pests so well they can predict right down to the week that a particular pest might show up in lawns or on flowers. With the help of horticulturist Jody Mills, back at headquarters, the tech identifies the problem and suggests remedies that crews might employ.

Such attention to detail reaps rewards. During the summer, Mills analyzes about 15 samples of mites, bugs, and diseased-looking twigs, leaves, and blooms each day. Catching pests early cuts way back on pesticide use. Many years, Broccolo's crews have only had to treat for grubs on about 3 percent of their clients' lawns and gardens.

Keeping up with current practices is important in landscaping. The Broccolo group researches topics ranging from reduced-risk biopesticides to how to alleviate soil compaction. They depend on information from Cornell University and other universities, from the International Society of Arboriculture, and the NYS Turfgrass Association.

One of their biggest sources of expertise is Cornell Cooperative Extension of Monroe County. "We talk with them almost every day," says Mills. "We let them know what we're seeing in the field, and they help us analyze the problems we find. We couldn't survive without them."

Broccolo's also has a close working relationship with Jana Lamboy, the ornamental specialist for the NYS IPM program. "We're working together to develop standards for integrated pest management in landscape care," says Lamboy. "Laurie and her staff are always looking for new ways to reach people and teach them about IPM."

From sending out newsletters and "green tips" flyers, to talking at garden shows, and educating callers while they wait to be transferred on the phone, Broccolo's helps customers understand what IPM is all about.

Broccolo's commitment to environment and community goes even further than IPM. Their equipment shop uses soy-based oils, hydraulic fluids, lubricants, and diesel fuel. The mainte-

*(Continued on p. 4)*

Come join Buildings & Properties in celebrating the retirements of  
**Jerry Johnston, John Pollino and  
Barry Smith**

**Saturday, January 25, 2003  
At Abigail's Restaurant  
1978 Rts 5 & 20, Waterloo**

**6pm-7pm Cocktail hour**

**7pm Buffet Dinner**

**\$20.00**

(includes tax and gratuity)

Entre's are Baked Chicken, Baked Ham, Roast Beef  
Included in the Buffet: salads, potatoes, vegetables, fruit, and  
more with dessert and coffee or tea to follow.

Send reservations and gift donations to Buildings and Properties

Make checks out to John VanderWeide

Reply by: 10 am on 1/20/2003

..... PLEASE CUT ALONG DOTTED LINE .....

Name: \_\_\_\_\_

Reserve: \_\_\_\_\_ @ \$20.00 Total of Dinner: \_\_\_\_\_

Gift donations: \_\_\_\_\_

Total: \_\_\_\_\_

CALENDAR of EVENTS  
DECEMBER 6 - 13, 2002

SEMINARS

Horticultural Sciences

**Date:** Monday, December 9, 2002  
**Time:** 11:00 AM  
**Place:** Jordan Hall Staff Room  
**Speaker:** Dr. Jeffrey Doyle, Dept. of Plant Biology, Ithaca  
**Subject:** Ancient and recent polyploidy of soybean and its wild perennial relatives

Plant Pathology

**Date:** Tuesday, December 10, 2002  
**Time:** 3:30 PM (Coffee at 3:00)  
**Place:** Room A133, Barton Lab  
**Speaker:** Dr. Dace Apoga, Geneva  
**Subject:** Role of surface contact in morphogenesis of the anthracnose fungus, *Colletotrichum graminicola*

Food Science

**Date:** Wednesday, December 11, 2002  
**Time:** 10:30 AM  
**Place:** FST, Second Floor Conference Room  
**Speaker:** Dae-Ok Kim, Geneva  
**Subject:** Quantification of Polyphenolics and Their Antioxidant Activity in Fresh Plums

Soil Seminar

**Date:** Wednesday, December 11, 2002  
**Time:** 9:00 AM-12:00 NOON  
**Place:** Jordan Hall Auditorium  
**Speaker:** Dr. Larry Geohring and Dr. Harold van Es  
**Subject:** Dr. Geohring will discuss how cultural practices, including irrigation, affect soil structure, surface drainage, subsurface drainage, etc., and how to correct the problems. He will also discuss findings from a drainage study of some Research North plots.

Dr. van Es will discuss soil tilth, maintenance of tilth, proper timing of tilling (including cultivation), operations that affect soil structure, tilth, health of the soil, and "repairing" soil after it has been "hurt."

Entomology

**Date:** Thursday, December 12, 2002  
**Time:** 10:30 AM (Coffee at 10:15)  
**Place:** Room 310, Barton Lab  
**Speaker:** Dr. Charles Linn, Geneva  
**Subject:** Host fidelity and sympatric speciation in *Rhagoletis pomonella* flies: Are host fruit volatiles involved?

LTC

Due to Jane Irwin's absence, the Open Labs that had been scheduled for the next month have been cancelled. Please contact library staff if you have questions.

FITNESS

Aerobics

**Date:** Mon. & Fri.  
**Time:** 12:10 - 1 PM  
**Place:** Sawdust Cafe

Taekardio

**Date:** Mon. & Wed.  
**Time:** 12:10 - 1 PM  
**Place:** Jordan Hall Auditorium

CLASSIFIEDS

**FOR SALE:** Four, 44" X 27", push-put windows complete with screens and storm. 25\$ each. One solid wood Boston rocker, like new, 100\$. Contact mlh5 or call 2423.

**FOR SALE:** 1995 Ford Explorer XLT 4x4, 6-cyl. auto, AC, cruise control, power steering, windows, lock, and mirrors. Stereo + 6xCD-changer, moonroof. 103k miles. The car is grey metallic and in good condition. Asking \$6,200 or BO. Contact Ulf and Dace at 315-789-6169 or ulf.erlandsson@intenia.se

**CLEANING OUT THE GARAGE?** We'll take used wooden snow sleds with runners, smaller sized for children ages 4-8. They need only be in good working order, as we are experts in reconditioning them! Also looking for used tobogan of any size. Contact Gregg, x 2433 or geh11@cornell.edu.

**FOREIGN COINS AND STAMPS** needed for my niece and nephew's collections for part of their holiday gifts. Also looking for older American half dollar or dollar coins for my younger nephews. Happy to exchange for home made cookies or equivalent American currency. Drop in campus mail to C. Heidenreich, Plant Path. (x2367, mcm4@cornell.edu)

**FOR SALE:** Couch, mauve, very good condition, \$150. Contact Nancy Long (NPL1).

**FOR RENT:** small two-bedroom trailer, basement, garage, nice yard. Less than 2 miles from Station. hlw7@nysaes.cornell.edu phone: 2433 or 781-8504.

**FOR RENT:** Large 1 bedroom apartment, walking distance from Station. \$500/month plus electric. Security deposit required. Contact dbc10 or 781-1808.

**FOR SALE:** professional drafting table, Hamilton VR20, 3'x5', power lift, excellent condition, \$300. Call Dave x2496.

(IPM AWARD, continued)

nance crews use ground-up yard waste for compost. And each year, Broccolo's sponsors the Tinker Park Field Days in Rochester, where they teach kids and families about lawn care and IPM, help them identify pond critters, lead nature walks, and demonstrate tree climbing and pruning skills.

It may not be surprising when the last four digits of your phone number are "4IPM," but for Broccolo and her crew, IPM and more is all in a day's work.

M. Woodsen

Attention Gift-Givers!

Instead of sending commercial gifts to your friends and family this year, consider sending them a delightful gift card to let them know that, in their name, you have given a life-sustaining farm animal or tree to a family in need. By honoring your friends and family in this way you will be changing the life of a family who will, in turn, begin sharing their gift's offspring with others in their community who are also in need.

The Lyons Presbyterian Church is hosting this Heifer Project International Program.

The gifts available range from a heifer (\$500), to a share of a heifer (\$50), to water buffalo, llama, goat, sheep, pig, tree seedlings, rabbits, honeybees, flock of chicks, ducks and geese or a share thereof. Gift honor cards will be provided for purchases of \$10 or more.

For more information, please email Pat Wallace at pgw2 or visit www.heifer.org

*If a man empties his purse  
into his head, no man can  
take it away from him. An  
investment in knowledge  
always pays the best interest.*

*Albert Einstein*