

CORNELL
UNIVERSITY

STATION NEWS

GENEVA
NEW • YORKVOLUME LXXIX • NO. 26
JULY 2-10, 1998

BRIEFS

ROAD CONSTRUCTION
CONTINUES

The good news: Paving of the steam line trenches is scheduled for Monday 7/6/98.

The bad news: Both the lower road between FRU and B&P, and Collier Drive next to the Pilot Plant will be closed for a day while paving.

Thank you for your patience with these disruptions required by the installation of the new steam line. *J. VanderWeide*

FIRE SAFETY THANKS

Special thanks to all who endured last Friday's heat to help demonstrate to Station employees the proper way to use a fire extinguisher. Geneva Fire Chief Ralph DeBolt and firefighter Mike McCormick gave the hands-on presentation, and each student was able to use the equipment to extinguish a fire. Thanks also to the Station's Chief Fire Warden, Ralph D'Amato, Jr., who arranged the event, his special assistant, Bob Clise, who was there supervising, and to Dale Frankish, who made the burn pan used in the class. (See photos on the back.)

IPM SNAP BEAN MANUAL
ANNOUNCEMENT

A revised reprint of *Snap Bean Pest Management: A guide to Regular Field Monitoring in New York* is hot off the Communications Services press. This fifth edition of a practical IPM manual for growers, processing companies, and others interested in snap bean production includes a brand new section on natural enemies and biological control, some new fact sheets, and information on one or two insect pests not included in prior versions. Support for the production of the manual came from the New York State Snap Bean Research Association and the New York State IPM Program. Contributors to the manual included George Abawi, Robin Bellinder, Helene Dillard, Chuck Eckenrode, Mike Hoffmann, Jim Hunter, Laura Pedersen, Curt Petzoldt, and Tom Zitter.

Copies may be purchased for \$10 from the Resource Center, 7 Business and Technology Park, Ithaca. Refer to IPM Publication no. 105c.

WPS TRAINING

Additional training sessions for the Worker Protection Standard (WPS) will be held on Friday, June 26 and Friday, July 10, 1998, in
(Continued on page 2)

CORNELL UNIVERSITY 75TH ANNIVERSARY FOR

Hudson Valley
LABORATORY

An open house followed by a barbecue dinner will mark the 75th anniversary of the Hudson Valley Lab in Highland, NY, on July 7. The celebration will include walking tours of the orchards, demonstrations, exhibits of new and antique farm machinery, speakers, and Cajun music. Growers and researchers are encouraged to attend.

The Hudson Valley Lab was established in May 1923, to create an agricultural research field site in downstate New York. The purpose was "the experimental study of the problems of increasing the production and controlling the diseases and injurious insects of the horticultural crops of the Hudson River Valley."

Today, the Hudson Valley Lab consists of over 7,000 square feet of laboratory space and 20 acres of research orchards. The research staff specializes in tree fruit horticulture, plant pathology, and entomology, and is focused on improving the production of fruit and vegetable crops grown in eastern New York.

The soils, climate, and topography of the lower Hudson Valley are well suited for fruit and vegetable production. Despite increasing urbanization, the Hudson Valley supports more than 150 fruit farms with a total of 15,700 acres. Farm-gate revenues at these farms exceeded \$42 million in 1996. The lower Hudson Valley also encompasses several river-bottom and black-dirt regions that support a concentration of sweet corn and onion farms. Approximately 5,000 acres of fresh-market sweet corn are produced in the Roundout and Wallkill River Valleys, generating annual revenues of \$5.8 million. To the south, in Orange County, organic soils created by an ancient lake now support more than 60 black-dirt farms and an onion industry that encompasses 5,200 acres and generates \$20 million dollars in annual revenues (based on data from 1993-1996).

Jim Hunter and Daryl Lund, Dean of Cornell's College of Agriculture and Life Sciences, will be featured speakers at the dinner. Dave Rosenberger, superintendent of the HVL, Tony Moriello, chairman of the New York Apple Research and Development Program, and David Fraleigh, president of the Hudson Valley Research Lab, Inc., will also speak.

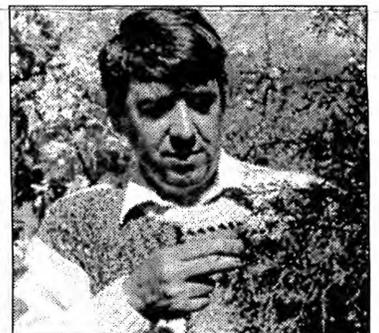
For more information or to make reservations for dinner, call 914-691-7151.

DAVID ROSENBERGER PROMOTED TO PROFESSOR

Dave Rosenberger, Superintendent of the Hudson Valley Laboratory, has been promoted to Cornell University Professor of Plant Pathology at the New York State Agricultural Experiment Station in Geneva, NY. His promotion is effective July 1, 1998.

"Dave Rosenberger has the rare ability to diagnose and identify practical solutions to disease problems using his knowledge and understanding of biological processes and host/pathogen interactions. He is highly respected by his peers and is considered by many to be the most knowledgeable plant pathologist in the country in the area of postharvest and summer diseases of apples," said Helene Dillard, chairperson of the Plant Pathology department in Geneva. "On the personal side, what I value and appreciate most about Dave is that he is a very thorough and thoughtful individual, and a superb team player."

Rosenberger's general field of specialty is diagnosis and control of diseases of tree fruits. He considers himself to be a generalist in plant pathology with the ability to address a broad range
(Continued on page 2)



CALENDAR of EVENTS

JULY 2-10, 1998

EVENTS/MEETINGS

Wednesday, July 8, 3 pm

Food Science Conference Room
Chairs' and Unit Leaders' meeting

(BRIEFS, cont.)

the Staff Room of Jordan Hall from 10-11:15 am. All new employees who will work in greenhouses or on farms should attend within two weeks of employment. This training is in addition to any OSHA training that may be required for lab or office workers. Call Mart VanKirk (781-5307) for more information.

RESPIRATOR TRAINING AND FIT TESTING

Environmental Health and Safety will train and conduct fit tests for users of respirators on July 16, 1998 in the Jordan Hall Auditorium. Training will be presented from 8:15 - 9:00; following the training, fit tests will be scheduled every 30 minutes. This training is required for all personnel who purchase or use respiratory protection equipment. Contact Charlene Dunham (x203, cmd4) for more information.



SPORTS

Softball Standings for the First Half

Service Staff	3-1
Entomology	3-1
FSPC	2-2
Hort Sci	1-2-1
PGRU	0-3-1

Last Week's Results

Hort Sci and PGRU tied
Ent defeated FSPC

Next Week's Games

Tuesday, 7/7 Serv. Staff vs. FSPC
Wednesday, 7/8 Ent vs. PGRU

STATION CLUB DEALS

Renaissance Festival: Discount passes (\$10.50/adults and \$5.99 for children 6-12 years old).

Seabreeze Passes: Discount passes (\$10.95) are valid weekends, May 23-June 21, and then seven days/week from June 22-Sept. 7.

Tickets available from Colleen VanAllan, x318 or cmh6.

CLASSIFIEDS

BIG MOVING SALE: July 11, 9-6. 3758 Kearney Road. Take 5&20 west just past Aloquin, first left past RR overpass. 1 mile on right. John Deere lawn tractor with accessories, washer & dryer, bedroom set, recliner chair, birch futon frame with mattress, oak table and chairs, queen bedding, many other household items! 716-396-0405.

FOR SALE: Nursery stock—shade trees and shrubs, over 50 species available now through summer. Contact Jim, x378 or jpe6

of applied problems and to translate results of scientific research into cost-effective disease-management programs for fruit growers. His research has included work on nematodes, viruses, and fungal pathogens of apples, pears, peaches, and plums. In apple, he has addressed disease problems that occur in the field as well as postharvest diseases of apples in storage, and he attempts to look for the best ways to combine fungicides with cultural and other management practices in order to minimize the costs of disease control programs while also reducing losses to diseases.

"To prosper at a small field station, one must be a generalist within one's own discipline and also become knowledgeable in related disciplines," said Rosenberger, whose responsibilities are 50% research, 30% extension and 20% administration. "The challenge to stay broadly knowledgeable across a variety of disciplines has proven to be a great stimulus and is one of the reasons that I love my job. I can't imagine ever become bored with life while working at a field station!"

Rosenberger considers his development of effective working relationships with a broad range of individuals and institutions to be among his most important accomplishments. He has been actively involved in four different USDA regional research projects, in one multi-state SARE project, and in a national NAPIAP assessment of pesticide use on apples.

Rosenberger led the SARE project which focused on field evaluations of scab-resistant apple cultivars and development of other sustainable management practices for apples in the northeast. The project involved a five-state consortium of horticulturists, entomologists, economists, plant pathologists, and cooperative extension specialists who investigated the benefits and limitations of using genetic resistance to diseases as primary components for apple production systems that would be less dependent on pesticides. "Results from this project helped fruit growers avoid some of the many pitfalls associated with adoption of new management systems in a perennial crop such as apples," he said.

Since Rosenberger became Superintendent in 1991, Hudson Valley now has 20 acres of research orchards, new pesticide storage and waste-water management facilities, new walk-in cold rooms, enlarged greenhouses, and re-equipped laboratories. Rosenberger credits these changes to support from the Hudson Valley fruit industry and from Director Jim Hunter. Support of co-workers was also important. "At a field station our size, nothing happens unless the scientists and program leaders become personally involved and all cooperate in the process," he said. In addition, Rosenberger acknowledges the cooperation and support provided by colleagues in Geneva and Ithaca whom he calls, "some of the very best agricultural scientists in the world," and a dedicated Hudson Valley support staff.

In the future, Rosenberger sees the Hudson Valley Lab as continuing its role as part of a research and extension network essential for maintaining healthy agricultural industries within New York State. He anticipates his research over the next 10 years will involve work with some of the new fungicides that are currently under development as well as research on non-chemical controls that may become increasingly important as alternatives to chemical fungicides.

Rosenberger lives with his wife, Carol, outside the village of New Paltz in a house they bought from Roger and Karen Pearson in 1977, when the Pearsons moved to Geneva. The Rosenbergers have three children, Sara, 18, Matt, 16, and Nathan, 13. They are actively involved in the New Paltz Church of the Nazarene where Rosenberger has been a board member and church treasurer since 1986. They also enjoy gardening, long evening walks along country roads, and attending their children's sports events.

Rosenberger's web page is at <http://www.nysaes.cornell.edu/pp/faculty/rosenberger/>

FIRE EXTINGUISHER TRAINING



Fire Chief Ralph DeBolt instructed training attendees in fire extinguisher use (top). Heavy Rescue Truck 1171 pulled into the Jordan Hall parking lot (bottom). Photos by Mindy Proscia

