

CORNELL  
UNIVERSITY

## STATION NEWS

GENEVA  
NEW • YORKVOLUME LXXVII • NO. 8  
FEBRUARY 23 - MARCH 1, 1996

## BRIEFS

## STAUBER TO VISIT CORNELL

Karl N. Stauber, Under Secretary of Research, Education and Economics at the U.S.D.A., will visit Cornell University on Thursday, March 7, to meet with deans and hear faculty presentations on selected programs.

"We are delighted to have the opportunity to describe the programs at Cornell which have a direct connection to the USDA—our federal partner," said Daryl Lund, the Ronald P. Lynch Dean of Cornell's College of Agriculture and Life Sciences. "Dr. Stauber is very familiar with the federal and state partnership for serving agriculture, the food system, natural resources, as well as rural and community development. This visit represents a demonstration of the value of that partnership."

Stauber is scheduled to meet in the morning with deans and directors of the Cornell College of Human Ecology, present a noontime seminar, and eat lunch with the deans of Cornell's statutory colleges—agriculture and life sciences; veterinary medicine; and human ecology.

The university community is invited to attend Stauber's seminar on "CREES and the Land Grant System: A Vision for the Future," 12-1 p.m., Room G-10, at the Biotechnology Building. A question and answer session will follow.

In the afternoon, he will hear presentations about the Agricultural Experiment Station, and the College of Agriculture and Life Sciences in six areas: agriculture, biological sciences, food systems and nutrition, environment and natural resources, community and rural development, and international programs.

Late in the afternoon, Stauber is scheduled for tours of the Agricultural Research

(Continued on page 2)

## The Complete Reference for Grape Growers

A new IPM manual, *Grape IPM in the Northeast*, came off the press last month, in plenty of time to make a significant difference for the 1996 grape growing season. As the authors, Tim Weigle and Joe Kovach, explain in the introduction, this manual represents an attempt "to put in one place all the information on grape IPM that is contained in fact sheets, bulletins, and pest management recommendations prepared by faculty, staff, extension specialists, and agents from Cornell and Penn State Universities."

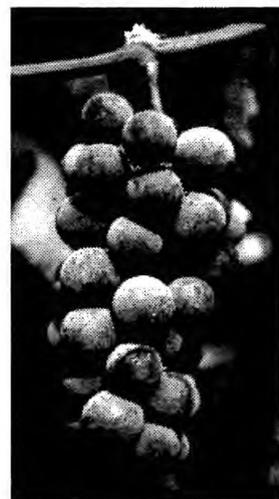
Grape pest management, traditionally centered around calendar- or phenology-based pesticide applications, needs

to change to meet the current conditions of increased regulation of pesticides and growing concern about environmental safety. *Grape IPM in the Northeast* provides research-based, field-tested IPM alternatives to the old ways of managing pests.

A vineyard pest management calendar, with detailed sections on each of 13 growth stages, takes up the first 27 pages of the manual. Following this overview are appendices on disease, insect, and weed management, chock full of articles, bulletins, and color fact sheets on pests, weather equipment, and economics. The final appendix contains New York's Food and Life Sciences Bulletin 139, *A Method to Measure the Environmental Impact of Pesticides*.

New York's grape production ranks third in the nation; Pennsylvania's is fifth. Valued at \$40.5 million and occupying 33,000 acres (bearing age), grapes are the second most valuable fruit crop in the state. Concord is the dominant variety in the Lake Erie region, and French hybrids and *Vitis vinifera* cultivars are common in the Finger Lakes, Hudson Valley, Long Island, and southeastern Pennsylvania.

*Grape IPM in the Northeast* sells for \$30 and is available from the Resource Center in Ithaca. Please use order code 139IPM119. The publication was funded by a grant from the Extension Service of the USDA. It was edited and produced by IPM staff writer Margaret Haining Cowles, with cover design by Elaine Gotham and printing by Bruce Moore in Communications Services.

GRAPE IPM 

IN THE NORTHEAST

T. WEIGLE AND J. KOVACH



Cornell Cooperative Extension  
CORNELL UNIVERSITY  
New York State Integrated Pest Management Program • Number 211 • 1995



(BRIEFS, Cont.)

Service laboratories and the new facilities at Cornell's College of Veterinary Medicine.

President Bill Clinton selected Stauber as Under Secretary for his extensive work in developing and funding research projects involving land grant universities, state experiment stations and farmer-controlled organizations. He was confirmed by the U.S. Senate last May.

### PESTICIDE APPLICATOR'S UPDATE SET

All certified pesticide applicators should plan on attending the *Annual Pesticide Applicator's Update* scheduled for Tuesday, March 12, from 8:30 am-noon, in the Auditorium, Jordan Hall. Also, preceding the *Annual Pesticide Applicator's Update* will be a Pseudocholinesterase testing program/information session from 8:00-8:30 am, in the Staff Room, Jordan Hall. This program is for participants in the Cholinesterase monitoring program and will be presented by Vivian Hsiao, Nurse Practitioner, Gannet Health Service. Supervisors are encouraged to attend.

The program follows:

- 8:30 a.m. Pesticide Adjuvants—the "how to" of spreaders, stickers, surfactants, and drift control agents
  - Lloyd House, N.E. Regional Manager, Loveland Industries
- 9:15 a.m. Update on WPS (Worker Protection Standard)  
Inspection Results, 4 hr REIs, and other changes to the rule
  - Reginald Louey, Pesticide Inspector Region 7, NYSDEC
- 10:00 a.m. *Break*
- 10:15 a.m. Personal Protective Equipment from the Label  
What to Wear? How to Choose?
  - Ron Gardner, Senior Extension Associate, Pesticide Management Education Program (PMEP)
  - Reginald Louey, Pesticide Inspector Region 7, NYSDEC
- 11:00 a.m. Watershed and Groundwater Protection Plans  
Corn Herbicide Groundwater Management Plan as model
  - W. Smith, Senior Extension Associate, with Cornell Faculty

Recertification credits for all categories will be available to full session attendees. Be sure to bring your certification number along for credit registration.

### RESPIRATOR TRAINING AND FITTING SCHEDULED

Training and fitting of respirators by Environmental Health and Safety is scheduled to be held on the Geneva campus on the following dates:

- Monday, February 26
- Monday, March 11
- Monday, March 4
- Wednesday, March 13

*Reservations for fit testing* are to be made with Charie Hibbard at x203 or e-mail at cah3@nysaes.cornell.edu.

Environmental Health and Safety officials will be bringing respirator equipment with them, so individuals may get new respirators or replacement items on the spot. Please note: In order to be fit tested, individuals must be clean-shaven and may not smoke 30 minutes before the scheduled fit test. EH&S also has available disposable clothing, nitrile gloves, goggles, and hearing protection, but will not be bringing these materials with them this year because of space limitations in their vehicle. If you need any of this equipment, you should order it directly from EH&S by calling 8-4-4473. It will be sent to our campus.

## Station Club Membership Drive

By becoming a member, you are entitled to **REDUCED** ticket prices for the banquet, holiday party, golf tournament, bowling party, and summer picnic.

**Membership Cost is ONLY**

**Regular**

**\$5.00/family**

**\$2.50/single**

**Retirees**

**\$2.50/family**

**\$1.25/single**

See your Department Representatives today!

**Save lot\$ of money by joining!**

**Sign-up  
Deadline:  
Feb. 29**

**Get the point?**

## Foreign Grapes to Grow in New Quarantine Block

The Research and Evaluation Quarantine Block is the only one of its kind on the planet," says Jim McFerson, research leader of the USDA-ARS Plant Genetic Resources Unit (PGRU) at the New York State Agricultural Experiment Station in Geneva, NY. The REQ Block is a two-acre plot of ground where Cornell and USDA-ARS scientists now have a unique opportunity to establish and evaluate plantings of grapevines imported from accredited foreign sources.

"Historically, grapes have been subject to strict import quarantines for pests such as viruses, bacteria, or insects," says Dennis Gonsalves, Professor in the Plant Pathology Department at Geneva, whose lab has served as the quarantine entry point for grapevines since 1978. "Grape material could not be brought into this country without passing through strict indexing procedures. The series of tests takes at least two to three years and can cost \$1,000 per plant."

Viticulturists and grape breeders need at least 10 plants of any specific cultivar to evaluate it properly. Some vines die and some don't grow so the cost of the quarantine was prohibitive, according to Warren Lamboy, curator of PGRU's grape collection. "Grape breeders would rather bring in the grape material, grow it out, evaluate its performance, and then incorporate it into the breeding program," he says. "Only after a grape rootstock proves particularly cold-hardy or resistant to *Pyloxera*, for example, would it be subjected to the \$1,000/rootstock 'cleaning' and entered into the national collection for use by breeders."

Since the 1980s, professors Bruce Reisch and Bob Pool, both of the Department of Horticultural Sciences, have been trying to develop an arrangement that would allow them to import vines from approved grape nurseries around the world under controlled conditions for evaluation and research only. The national grape Crop Germplasm Committee, chaired by Reisch, worked with Gonsalves, Lamboy, and McFerson to develop a draft proposal that was submitted last year to the Animal and Plant Health Import Service (APHIS), the federal agency regulating import of plant material.

The REQ Block was officially established last fall with the issue of an import permit to Pool. A similar proposal by Califor-

nia researchers is still under discussion. Located on the PGRU's Wellington Farm, the REQ Block will be managed by Pool and a committee of scientists and technical staff from Cornell and the PGRU, as well as representatives from APHIS and the New York State Department of Agriculture and Markets. If it works as researchers expect, other test sites for other crops could be developed that would accelerate the introduction of genetic resources into the nation's gene banks and breeding programs.

"The REQ enables Cornell and USDA researchers to cost-effectively evaluate, under New York's growing conditions, a greater number of imported grape varieties than ever before," says Warren Lamboy.



# THIS WEEK'S CALENDAR

FEBRUARY 23 - MARCH 1, 1996

## EVENTS • MEETINGS

**Monday, February 26, 6:30 pm**

Staff Room, Jordan Hall  
*English as a Second Language*

**Tuesday, February 27, 1:30 pm**

Lounge, Jordan Hall  
*Geneva Administrative Managers' Meeting*

**Wednesday, February 28, 6:30 pm**

Staff Room, Jordan Hall  
*English as a Second Language*

## PEOPLE

### Sympathies Extended:

The Station extends its sympathy to Joe Shail, Horticultural Sciences, and his family on the death of his son, Joseph, Monday, February 19.

## DIALING CORRECTLY SAVES DOLLARS

Remember to use the tieline when calling the Ithaca campus.



When dialing a number with a 257 prefix:

dial 8-8-257-XXXX.

When dialing a number with either a 255 or 254 prefix:

dial 8-5 (or) 4-and the last 4 digits of the phone number.

## SEMINARS

### SIGMA XI

**Date:** Friday, February 23  
**Time:** 2:00 pm  
**Place:** Hobart & William Smith Colleges  
Geneva Room (opposite Library)  
**Speaker:** Dr. Norman Weeden  
Associate Professor  
Department of Horticultural Sciences  
**Topic:** Molecular Markers: A quarter century of playing tag with genes

Chapter Charter will be signed by up to 48 founding members prior to the lecture

A get-together at "The Cellar" will follow immediately after the lecture

## HORTICULTURAL SCIENCES

**Date:** Monday, February 26  
**Time:** 11:00 am  
**Place:** Staff Room, Jordan Hall  
**Speaker:** Richard Robinson  
Department of Horticultural Sciences  
**Topic:** Conventional vegetable breeding in an age of biotechnology

## PLANT PATHOLOGY

**Date:** Tuesday, February 27  
**Time:** 3:00 pm  
**Place:** Room A133, Barton Lab  
**Speaker:** Bob Pool  
Department of Horticultural Sciences  
**Topic:** Results of SARE organic viticulture project



## Aerobics at the Sawdust Cafe

*beginning at 12:10 pm every Monday, Wednesday and Friday  
Everyone is welcome!  
No sign-up necessary*

## CLASSIFIED

**FOR RENT:** Two-bedroom apartment with full bath and kitchen. All utilities included except electric. Castle Street. \$425/month. Call Dave at 789-4428.

**FOR SALE:** Chest freezer, 27 cu. ft., Sears Coldspot freezer. Works perfectly, never any problems. Call Harvey at x332.

**WANTED:** Gas kitchen stove, gas clothes dryer, clothes washer, refrigerator. Call Harvey at x332.

**TRAIN RAFFLE:** Six-foot long wood train, (including engine w/snowplow, coal car, cattle car, logging car, flatbed, and caboose) handcrafted and stamped by the late Alfred Gulvin of Stanley. This raffle is being held to benefit the Stein family of Springwater, whose new barn burned down on January 1. Tickets are \$1.00 each or 6/\$5.00. Train is on display at the Naples Hotel, where the drawing will be held on March 16. **Tickets available through March 15.** See yellow posters in your department for photo of train. Call Elaine for tickets at x253.



**Please take the time to separate office paper from trash to aid in the Station's recycling effort.**

**Office paper is:**  
advertising flyers  
colored or white paper  
envelopes  
shredded paper  
computer paper

**What's done today will help the world of tomorrow.**

**It is not because things are difficult that we do not dare;  
it is because we do not dare that they are difficult.**



—SENECA—

