



WEEK OF MARCH 4, 1990

STATION NOTES

GRUB SEASON ON ITS WAY

Mike Villani, a soil ecologist in Entomology, checks out one of his "grub boxes." Villani's lab has nearly 200 of these lucite boxes, filled with cut-out two foot square vertical slabs of soil, which allow him to learn how deep pests and their predators, such as nematodes, live and how to get pesticides to their level. These field-collected soil blocks also allow him to study the activities of these insects for relatively long periods of time without disturbing them. To find out where the grubs are located in the soil block he takes an X-ray photograph.



"grub boxes", a lot of time several inches to a foot down. It's possible to have nematodes and grubs in the same soil at different depths, ignoring each other until one population or the other decides to move up or down because of some change in temperature, soil moisture, or some other aspect of the environment. Villani's job, then is to find out more about how this works, so growers will know what species of nematodes are present, and

what pesticides to use, when and how.

"Growers spray religiously, frequently, and blindly for grubs, and most of the spraying is wasted," says Mike. Chemicals penetrate only a few millimeters into the soil while grubs spend, as learned from his

Besides doing serious damage to crops such as strawberries, potatoes, and sweet potatoes, grubs are a continuing problem to golf courses and home owners' lawns. Of course, the lawn in front of the Villani residence is always green and beautiful - in summer, that is.

SEMINARS

FOOD SCIENCE

Date: Thursday, March 8
Time: 3:30 p.m.
Place: Food Science Conference Room
Speaker: Pim Larsson
Subject: Potential of Ethyl Carbamate in New York Grape Juice and Wine

PLANT PATHOLOGY

Date: Wednesday, March 7
Time: 3:00 p.m.
Place: A-133 Barton Lab
Speaker: David Gadoury
Subject: Cleistothecia of *Uncinula necator* and their Role in the Epidemiology of Grape Powdery Mildew

HORTICULTURAL SCIENCES

Date: Monday, March 5
Time: 9:00 a.m.
Place: Staff Room, Jordan Hall
Speaker: Julie Russell
Subject: Transformation of Plants via the Biolistic Process

CALENDAR OF EVENTS

Tuesday, March 6, 6:30 pm, staff room, Jordan Hall,
English as a Second Language

TRIP PLANNED TO PHILADELPHIA FLOWER SHOW

Want to get away from it all?

The Cornell Recreation Club is planning a trip to this flower extravaganza for March 15 thru 17.

For \$225, your trip includes bus transportation, your two-night stay at the Holiday Inn at King of Prussia, two breakfasts, three lunches and one dinner show. Also included are your admissions into the Flower Show, the Hagley, which is the original Dupont Estate, Longwood Gardens, a visit to the Mushroom Capital of the World and an historic tour of Philadelphia.



Especially for those "Born to Shop", Friday night will be free to enjoy shopping at the King of Prussia Mall, one of the world's largest indoor malls.

Hector Alvizo, a graduate student from Mexico in Plant Pathology, pays a compliment to CRC trips. He joined the CRC bus trip to New York City on February 17. His comments "The trip was great and a wonderful experience. I love having the opportunity to visit other cities."

Call 8-5-7565 for more details about Philadelphia and to reserve your space to stop, shop, and smell the flowers. Deadline is March 7.

SAFETY-WISE ADVISE

The typical incandescent lamp found throughout your home can be a fire hazard if not properly installed. The exterior surface temperature of a 100 watt bulb is measured at over 450° F (232° C); so precautions should be obvious. Keep light bulbs from coming in contact with anything combustible, such as clothing or cartons on closet shelves. Don't wait, check the fixtures in your home tonight. A Fire Wise Safety tip from Cornell Life Safety.

LIBRARY NEWS

The following journal is new and available in the Jordan Hall Library:

574.8 Nucleic Acids Research
N88 Starting with Vol. 18 (1), 1990.

The following book is missing from the Library and is needed. Please check your office and laboratory shelves and return to the Library, Jordan Hall.

630 Hortus Third
B15

RACKETBALL LADDER

Matches played 2/23-2/28. Wolf def. Hayes

362	Walter Wolf
246	Chris Hayes
265	Ed Woodams
246	Gary Harman
209	Joe Kovach
390	Phil Forsline
251	Matt Lewis
315	Tom Burr
340	Scott Demmin
225	Rixana Petzoldt
206	Curt Petzoldt
390	Jim McFerson

Report playing results to Matt Lewis, x251.

STATION PEOPLE HAVE NOW WORKED

164

DAYS WITHOUT A LOST TIME ACCIDENT