



# STATION NEWS

A House Organ for Station Employees  
Not for Publication Without Consent

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New York State Agricultural Experiment Station, Geneva

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## COVER PHOTO

State Fair was a most successful event this year, as you all know, breaking attendance records. This was certainly a nice reverse to a declining attendance trend that had prevailed for a number of years. State Fair also brought recognition to at least one Station employee, Gail Hyde, Librarian. This month's cover photograph shows Gail's first prize entry in needlepoint. It is a colorful Chinese dragon, and certainly illustrates the excellent talent that Gail has

along these lines. We congratulate her for her accomplishment.

## KHAN EDITS MAJOR SEED BOOK

Anwar Khan, Seed and Vegetable Sciences, is the editor of a new book entitled "The Physiology and Biochemistry of Seed Dormancy and Germination" and published by Elsevier/North-Holland Biomedical Press in The Netherlands. This is the first comprehensive and up-to-

date treatment of biochemical and physiological processes identified with a seed and contains contributions from international authorities in their respective fields. General topics included in the book are: dormancy and germination, hormonal aspects of dormancy and germination, effects of environmental factors on germination and performance, and metabolic and molecular aspects of seed and seed systems.

We congratulate Anwar on putting together this outstanding reference.

#### **TWO PLANT PATHOLOGISTS APPOINTED**

Thomas J. Burr and David A. Rosenberger were appointed assistant professors of plant pathology effective August 1.

Burr is stationed at Geneva while Rosenberger is working from the Station's Hudson Valley Laboratory in Highland. Burr will spend 70 per cent of his time on extension activities developing a state-wide extension program in fruit pathology. He will work closely with the new appointee to the Hudson Valley staff. As a fruit extension pathologist, Burr will assume a leadership role in the New York State fruit pest management project. This includes assisting in the development and implementing of computer-based information systems, identifying disease infection periods, recommending proper control measures for fruit diseases, monitoring commercial orchards to see if resistance is developing to major fungicides used for control, and working closely with scientists within Cornell University to see that their research results are placed in growers' hands. His remaining time, about 30 per cent, will be spent conducting research supportive to his extension activities and primarily related to pest management practices.

Burr received his M.S. and B.S. degrees in plant pathology from the University of Arizona and has completed all requirements for his Ph.D. degree at the University of California, Berkeley. His degree will be awarded in December of this year.

In 1973, he received the American Phytopathological Society award for the best graduate student paper presented at that Pacific Division meeting of the Society. He is a member of the American Phytopathological Society.

Rosenberger will spend 70 per cent of his time conducting research and the remaining portion in extension activities. Since his appointment is to the Hudson Valley Laboratory, his research will emphasize work on diseases of particular importance to eastern New York. This includes such major disease problems on fruit as rust, scab, and other diseases of apple; X-disease and others of peach; and problems with diseases that are unique to the large fresh market fruit industry in the area.

He will work closely with the new extension fruit pathologist based in Geneva and with other pathologists at Geneva. Part of his research will be to evaluate promising breeding lines for disease resistance under local eastern New York conditions.

Rosenberger's extension duties will include diagnosing disease problems, forecasting and/or identifying infection periods, and recommending appropriate control practices. He will actively participate in meetings with growers, county agents, pest management specialists, pesticide company representatives, and others.

Rosenberger received his B.A. degree from Goshen College, Goshen, Indiana and has completed requirements for his Ph.D. degree from Michigan State University. His degree was conferred this month.

He was recipient of the 1976 Bessey Award from the Department of Botany and Plant Pathology at Michigan State University. He is a member of the American Phytopathological Society and served as president of the Michigan State Plant Pathology Club in 1974.

#### **SAM BRAVERMAN NEW ASSISTANT AREA DIRECTOR FOR ARS**

Sam Braverman has been appointed Assistant Area Director for Agricultural Research Service, USDA, North Atlantic Area effective August 1, 1977. Sam will be concerned chiefly with cooperative agreements between State and Federal agencies, national research programs affecting ARS scientists in the North Atlantic Area, and equal employment opportunity.

He was at the Station for 20 years as a research plant pathologist, Plant Introduction project. A surprise farewell picnic was held for him on August 9. He was presented with a gift from co-workers in Plant Introduction and the Department of Seed and Vegetable Sciences.

Sam's new address is: U. S. Plant, Soil, and Nutrition Laboratory, Tower Road, Cornell University, Ithaca. His telephone number is 607-256-6519.

#### **ANNUAL STATION CLUB BANQUET**

The Phelps Hotel will be the scene of our 1977 Station Club banquet, scheduled this year for Friday, October 21. The dinner menu will include choice of chicken cordon bleu, fried shrimp, veal cutlet, or prime ribs, and we will sway to the fine strains of "Two Jills and a Jack," the Phelps Hotel's resident combo.

An evening of good food and good fun is planned. So, reserve the date on your calendar now and watch for further announcements, sign-up sheets, and the Station Club reps selling tickets.

#### **MEETINGS**

Rich Nelson, Terry Acree, Geza Hrazdina, Bob Shallenberger, and L. D. Tyler, Food Science, are attending the American Chemical Society meetings August 29-September 2 in Chicago.

Gil Stoewsand, Food Science, attended the Western Hemisphere Nutrition Congress V in Quebec, Canada August 13-20. He presented the paper, "Stimulatory Effect of Cauliflower on the Metabolism of an Environmental Contaminant (PBBs) in the Rat."

Keith Steinkraus, Food Science, was in Washington, D. C. from August 2-6 to attend the National Academy of Science Meeting Panel on Microorganisms to prepare the draft of a book on "Underexploited Microorganisms of Potential Value in the World Food and Energy Programs."

Anwar Khan and Ruth Alscher, Seed and Vegetable Sciences, attended the annual meeting of the American Society of Plant Physiologists at Madison, Wisconsin August 16-20.

The NE-9 Regional Technical Committee held its annual meeting at Geneva on August 9-10.

George Abawi and Harvey Hoch, Plant Pathology, are attending the Second International Mycological Congress at Tampa, Florida August 27-September 3. Harvey is presenting a paper on the "Cytochemistry of Hydrolytic Enzymes" and chairing a discussion session on mycoparasitism.

Bob Becker and Nathan Peck attended the meeting of the International Society of Horticultural Science symposium on timing of production of field vegetables July 16-24 in London, England. Nathan presented a paper entitled "Snap Bean Seed Injury by Seed Metering Devices on Planters."

The Plant Pathology Department faculty traveled en masse to the annual meeting of the American Phytopathological Society held at the Michigan State University campus August 14-18. Papers were presented and/or co-authored by Roger Pearson, George Abawi, Bob Seem, John Gilpatrick, Tom Burr, and Dave Rosenberger. Harvey Hoch prepared an exhibit on the "Biological Control of Plant Pathogens." George Abawi chaired a discussion session on the "Sclerotia Production of Sclerotinia." John Gilpatrick participated in a discussion session on the "Development and Registration of Pesticides."