



STATION NEWS

A House Organ for Station Employees
Not for Publication Without Consent

Vol. 92, No. 11
November 30, 1978

New York State Agricultural Experiment Station, Geneva

NELSON SHAULIS RECOGNIZED FOR CONTRIBUTIONS TO NEW YORK GRAPE INDUSTRY

Nearly 200 colleagues, friends, cooperative extension personnel, and other professional associates attended a Recognition Night honoring Nelson Shaulis, Professor of Viticulture, on December 1 at the Lionstone Restaurant. Nelson has been in charge of the grapevine physiology and vineyard management program at the Station since joining the faculty as an Assistant Professor of Pomology in 1944. He was promoted to Associate Professor in 1947, to Professor of Pomology in 1948, and to Professor of Viticulture in 1967. Nelson is retiring from this last position on December 28, 1978.

Dr. W. K. Kennedy, Provost of Cornell University and former Dean of the University's College of Agriculture and Life Sciences, praised the contributions that Nelson has made during his 34 years at the Geneva Station. This included, he said, "not only his tremendous research efforts, but also his teaching ability and the outstanding relationships he built through the years with individual

growers and grape and wine processors.

"In addition," said Provost Kennedy, "Dr. Shaulis' reputation is world known, extending to such countries as Australia, Germany, France, and other great wine producing countries."

Provost Kennedy presented Nelson with the official letter whereby the Board of Trustees of Cornell University recognized his contributions and named him Professor Emeritus of Viticulture effective December 28, 1978.

Also on the program was Director of the Geneva Station, Dr. Donald W. Barton. Director Barton outlined the many research contributions made by Nelson through the years such as an accurate method of pruning grapevines to produce maximum yields and quality; development of a new training system called the Geneva Double Curtain; determining what sites in New York State are suitable for growing specific varieties of grapes; development, in cooperation with Ithaca's Department of Agricultural Engineering and Geneva's Department of Food Science and Technology, of the mechanical harvester for grapes; and also commented about his work on the use of herbicides to control weeds in vineyards and fertilizers to improve growth, yield, quality, and general vigor of vineyards.

Dr. Walter Kender, Head, Department of Pomology and Viticulture at the Station, spoke to the large group on behalf of Nelson's contributions to the Department. He traced Nelson's career at the Station from 1944 to the present stressing not only his research accomplishments but his ability to communicate his results to those in the industry who can best make use of them. Walt, as well as others on the program, indicated that it was in large part due to Nelson's research that New York State has developed into such a significant grape and wine producing state. For example, yields of grapes in New York have increased from 1½ tons per acre in the 1930's to an average of nearly 5 tons today. Nelson's efforts on many phases of viticultural research have largely been responsible for this significant increase in yield as well as improved quality of the grapes themselves.

Although based at Geneva, Nelson spent many days and nights at the Station's Vineyard Laboratory in Fredonia. This Laboratory, in its early days was leased, but finally became part of the total research complex of the Geneva Station. Much of the grape research program of the Station is based at Fredonia. All members of the Vineyard Laboratory in the Department of Pomology and Viticulture were present at Nelson's recognition party, and Ms. Harriett D. Hubbard spoke on behalf of the staff in reviewing the accomplishments of Nelson.

That part of New York State, located along the southern shores of Lake Erie, has become an even more important producer of grapes during Nelson's tenure as professor of viticulture. It is where he evaluated, by complex experiments, many of his research ideas. Nelson, along with Dr. E. F. Taschenberg, Department of Entomology, was responsible for holding an open house at the Vineyard Laboratory every few years to give growers, extension personnel, and others in the grape industry an opportunity to review the latest in research advancements.

Near the close of the program, Nelson and his wife, Lillian, were presented with several gifts. The presentation was made by Gary Howard, a colleague of Nelson's at Geneva for the past 10 years.

In his response, Nelson continued to "teach" his many friends and to recognize the contributions of many colleagues throughout the world for their assistance; and for the "climate for research" in New York viticulture. He praised the Administration of the Station and the College of Agriculture and Life Sciences for its support throughout his career. He indicated that it was necessary for him to be a generalist in the field of viticultural research, meaning he worked on many important phases of viticulture. Nelson compared factors limiting the yield of grapes in New York to various spokes supporting a wheel. Some of these spokes are: "grapevine root growth, grapevine mineral nutrition, grapevine photosynthesis, grapevine rootstocks, grapevine hardiness to cold, grapevine sugar accumulation, grapevine vineyard erosion, and grapevine and grape protection."

Nelson praised the work by those people at the Vineyard Laboratory and acknowledged the support given him and the Station by grape growers and the grape industry. He particularly commended those who had helped "educate" him during his 34 years at the Station: The list included 25 in extension and industry who assisted him in becoming more familiar with New York viticultural problems; 22 viticulturists outside of New York who helped him place New York viticultural problems in a national and world context; 30 professorial colleagues on the Geneva and Ithaca campuses; and 17 professional and technological colleagues at Fredonia, Geneva, and Ithaca. He also paid special thanks to his wife, Lillian, and to his two daughters, Katie and Margaret.

Although Nelson is retiring from the position of Professor of Viticulture, he will continue in viticultural efforts. Currently, he is actively writing a book on viticulture with several other authors. He is also planning to write several journal articles, particularly on grapevine yield analysis work. In

addition, he and his wife plan to do some traveling.

DERRILL M. DANIEL

The following item was prepared and sent to us by Paul Chapman, Professor Emeritus of Entomology. We thought it might be of interest to our readers.

How many readers ever knew or ever heard of Dr. Derrill M. Daniel, a member of the Department of Entomology here from 1925 to 1940?

Daniel is perhaps best known entomologically for his highly successful use of a parasite *Macrocentrus ancylovorus* to control the oriental fruit moth, a major peach pest introduced to western New York about 1928.

The department has recently heard directly from Dr. Daniel after a lapse of over 25 years but as Major General Derrill M. Daniel USA retired.

Since Derrill was one of the most highly decorated soldiers of World War II, we thought readers would like to have a brief resume of his career in the military. As a Captain in the ROTC, he was called up for active duty late in 1940 and six months later was assigned to the elite First Infantry Division. He saw front line action in all of our African and European ventures including three amphibious assault landings - at Oran, Algeria; Gela, Sicily; and Omaha Beach in Normandy. Derrill had the distinction of leading the spearhead battalion in the conquest of Aachen, the first German city to fall to the Allies. The New York Times carried a front page story on the Entomologist-Soldier involved in this action. Derrill was the recipient of some 50 USA and foreign citations and decorations including 8 Silver Star combat medals (one more than General Douglas MacArthur, our most highly decorated soldier); Distinguished Service Cross; Distinguished Service Medal; Legion of Merit; and others.

Following wars end, Derrill elected to remain in the army. He subsequently saw action in Korea where he won his eighth Silver Star. Returning from Korea he qualified as a Paratrooper and eventually became both a Century Club member (100 + parachute jumps) and commander of the 11th Airborne Division. Daniel retired from the army in 1963 and that same year accepted a one-year appointment as President of the Gordon Military College of Jacksonville, Florida.

Now fully retired he and his wife, Theodora, live at 1626 N.W. Baytree Circle, Stuart, Florida, 33494. He plays golf and is active in the St. Lucie River Power Squadron. The continuing dominance of the military in the family is evident from the facts that their daughter is married to a Brigadier General, while their grandson is a Second Lieutenant.

KHAN RETURNS

Anwar Khan returned to Geneva following a 6-month sabbatical leave at the Agricultural University, Wageningen, The Netherlands. Besides his research activities in Wageningen, he collaborated actively with the Royal Sluis Seed Co. in Enkhuizen in Holland. He was invited to participate and deliver a lecture on the topic, "Preconditioning of Seeds to Increase their Performance" at the NATO Advanced Study Institute on Plant Regulation and World Agriculture held in Izmir, Turkey September 21-31.

CONGRATULATIONS

Mark Blume, Plant Pathology, has completed requirements for his M. S. degree in forest pathology at the State University College of Environmental Science and Forestry, Syracuse, NY. The title of his thesis is, *Thielaviopsis basicola*: A new component of the pea root rot complex in New York State. His advisors were S. Silverborg, Syracuse, and Gary Harman, Geneva.

Ellen Chirco, Seed and Vegetable Sciences, has

successfully completed her thesis defense for a M.S. degree in agronomy at Cornell. The title of her thesis is, The effects of *Alternaria brassicicola* (Schw.) wilt. infection on *Brassica* seed and seedling vigor and viability. Her advisors were W. Pardee, Ithaca, and Gary Harman.

NOTE OF THANKS

Many thanks to the committee for their efforts in planning the nice dinner party and the Station employees for the wonderful gift in honor of my recent retirement. — Wilson J. Hey

FINE ARTS EXHIBIT IN LIBRARY

On December 11, the oil paintings of Beverly Raynak Pinckney will go on display in the Library. A renowned area artist, Bev is employed in the Ag. and Markets Department and most recently exhibited paintings at the Station Arts and Crafts Fair. Her works, which include portrayals of agricultural produce and rural scenes from the Finger Lakes Area, will remain on display in the Library for the month of December.

We are hoping to follow this initial exhibit with further displays by Station personnel of photographs, watercolors, wall hangings, or memorabilia collected from trips or sabatinal leaves. If you are interested in preparing a display for the Library, please call Gail Hyde at 787-2214.

ARTS AND CRAFTS FAIR

The Station Arts and Crafts Fair and Book Sale held on November 11 was an unprecedented success. Proceeds from the books and pamphlets amounted to over \$400, which will be used to purchase new books and journals for the library. Among those contributing to the event's success were the following exhibitors: Lee Ann Miller, Mary Ann Boettger, Gertrude Catlin, Audrey Gardner, Jan Fischbeck, Gertrude Bennett, Pat Bennett, Don and Ann Cobb, Rose McMillan, Paris Trail, Gail Hyde, Nikki Shannon, Lillian Shaulis, Bernadine Aldwinckle, and Beverly Raynak Pinckney. Their efforts were appreciated by hundreds of viewers who came from as far away as Ithaca to attend the Fair.

The Hau Wood Box, made by retired professor of entomology, Dr. Ralph Dean and raffled on the day of the Fair, was won by Joe Davoli of the Greenhouse. Proceeds from the raffle, which netted \$57, will be used in the acquisition of one back volume of *PHYSIOLOGICAL ENTOMOLOGY*. All profits received from the sale of Bob Lamb's cacti, Dick Robinson's gourds, dried weeds, and Carole Kender's baked goods will go towards the purchase of the first volume of *HORTICULTURAL REVIEWS*.

Many thanks to all who contributed to the success of the day.

MEETINGS AND SEMINARS

Robert Pool, Pomology and Viticulture, attended the Arkansas State Horticultural Society annual meeting in Fayetteville on November 14-17. He gave two invited talks: Using Plant Physiology to Grow Grapes and Planting Trends in New York. He toured Arkansas facilities and consulted with Arkansas growers. Bob also attended the annual meeting of the American Wine Society in Baltimore on November 4 and gave two papers entitled Planting Trends in Eastern Viticulture and Hardiness of Grape Cultivars.

The Northeast Fruit Research Steering Committee met at the Station on November 1 and 2 to discuss planning and organization of fruit breeding research in the northeast region. Herb Aldwinckle, Plant Pathology; Bob Lamb, Pomology and Viticulture; and Willard Robinson, Food Science, represent the Station on the Committee. The Department of Pomology and Viticulture hosted the group which included a tour of facilities.

Walter Kender, Pomology and Viticulture, presented the keynote address at the 40th Annual Pesticide Conference at Ithaca on November 13.

Des Dolan, Plant Introduction, presented a talk at the Rochester Academy of Science, Geneseo State College on November 11.

Department of Entomology professors, postdoctoral associates, and research technicians went to Houston, Texas November 26-30 to attend the national meetings of the Entomological Society of America. Gertrude Catlin, Lou Bjostad, Bill Bowers, Bob Ellis, Ada Hill, Harvey Reissig, Wendy Roelofs, Dave Soderlund, Fred Taschenberg, Jim Tette, and Mary Gieselmann presented papers. Ed Glass gave his Presidential Address. Accommodations and meetings were at the Hyatt Regency Hotel.

The New York State Snap Bean Research Association held a meeting in the Food Science conference room on November 29.

Roy Nittler, Seed and Vegetable Sciences, attended the annual meeting of the NE-104 Technical Committee at Penn State October 25-26.

Gary Harman and Barb Nedrow, Seed and Vegetable Sciences, attended the 40th Annual New York State Pesticide Conference, Cornell, November 13-16. Gary gave a talk on Alternatives to Hot Water Seed Treatment to Eradicate Organisms Causing Black Leg and Black Rot from Brassica Seed. Barb spoke on New York Soybean Seed Treatments—Problems and Progress.

Mike Dickson, Bob Becker, Ben Clark, Anwar Khan, Tom Kenny, Barb Nedrow, and Morrie Vittum, Seed and Vegetable Sciences, attended the 40th Annual Cornell Seed Conference November 27-29. Barb presented a talk on the topic, Current Research on Soybean Seed Treatments.

The Institute of Food Science Advisory Committee met in Ithaca on November 17 and 18. Speakers on the program from Geneva included Yong Hang, Bob Shallenberger, Geza Hrazdina, Don Splittstoesser, and Willard Robinson.

The Processed Fruit and Vegetable Advisory Subcommittee of the Institute of Food Science Advisory Council met on November 10 in the Food Research Laboratory. Don Splittstoesser, Andy Rao, Jim Moyer, Geza Hrazdina, Yong Hang, Malcolm Bourne, Reg Walter, Willard Robinson, and Don Downing participated in the program reviewing their work and discussing results of recent research.

The 13th Annual IFT Symposium, "Controlling Microorganisms in Food Processing," was held November 9 in Rochester. Speakers included in the program were: William S. Hatcher, Jr., Coca Cola Co., Plymouth, FL; Don Splittstoesser, Food Science, Geneva; R. Bruce Tompkin, Swift & Co., Oakbrook, IL; Richard H. Ledford, Food Science, Ithaca; Roy E. Martin, National Fisheries Institute, Washington, DC; Mario DeFigueiredo, Farmland Foods, Glenview, IL; Herman Saussele, Jr., Anheuser-Busch, Inc., St. Louis, MO; and Frank E. Weber, The R. T. French Co., Rochester.

Terry Acree and Richard Nelson, Food Science, attended the annual meeting of the American Wine Society in Baltimore, MD on November 2-4. Terry presented the paper, "H₂S, SO₂ and Mercaptans;" Richard also presented a paper explaining the new Geneva wine scoring system.

John Bourke, Food Science, attended a symposium of the Entomological Society of America on Pesticide Needs and Registration in Houston, Texas on November 27-30. He also attended a pesticide and pollinator meeting in Oklahoma City, Oklahoma on November 30-December 1.

Andy Rao attended sessions on energy conservation, food dehydration, and computer applications at the 71st Annual Meeting of the Am. Inst. Chem. Engrs., Miami Beach, FL, November 13-18.

George Rickey and John Martini, Food Science, attended the 1978 meeting of the New England Fertilizer Control Officials and the Nutrition and Feed Control Seminar on November 8-10 in Concord, New Hampshire.

Bob Shallenberger, Food Science, attended a 3-day planning session to prepare an annotated agenda and list of potential participants for a 1979 Expert Consultation on the significance of dietary carbohydrates and fibre in human nutrition. WHO (World Health Organization) and FAO (Food & Agricultural Organization) sponsored this meeting which was held in Rome, Italy November 7-11.

Terry Spittler, Food Science, attended the NE-115 meeting at Penn State University, University Park, PA, from November 7-9 and presented a progress report of the pesticide research laboratory.

Keith Steinkraus, Food Science, attended the International Conference on Bioresources for Development at the University of Houston on November 6-10. The Conference was sponsored by the World Academy of Arts and Sciences, The Aspen Institute, The International Federation of Institutes of Advanced Studies, The BioEnergy Council, and the Center for Integrative Studies of the University of Houston. The objective of the conference was to assess current knowledge in the areas of solar energy, bioproductivity and biomass potentials. It covered alternative fuel sources, bioresources for industry and enhancing bioproductivity. The conclusions of the conference will be used to prepare a statement on the American position for the United Nations Conference on Science and Technology which will be convened in 1979. Following the Houston meetings, Keith attended the International Conference on State of the Art of Bioconversion of Organic Residues in Rural Communities at INCAP/ACAITI in Guatemala City, November 12-15. The conference dealt with production of biogas from agricultural wastes and integrated production of biomass from waste for animal feeds and human foods. The papers submitted at this conference will be published as a book on the "State of the Art of Bioconversion of Organic Residues in Rural Communities." Much of the information will be applicable at the farm level in New York State. While Keith attended the meetings, his wife, Maxine, visited their daughter, Nancy, at the University of Wisconsin in Madison.

Gil Stoewsand, Food Science, attended a Toxicology Study Section in Washington, DC on November 6-9.

VISITORS

On November 13, Edwin Haynes and William Franchetto of the Research Department of Andres Wines, Ontario, Canada visited Willard Robinson, Jim Moyer, Len Mattick, and Geza Hrazdina in the Department of Food Science and Technology to discuss wine research.

Clark W. Nicklow, Extension Specialist at Waltham Suburban Experiment Station in Massachusetts visited Mike Dickson, Gerry Marx, Dick Robinson, and Bob Becker on November 15.

Dr. James Wong, plant pathologist with the Department of Agriculture, Tasmania, Australia, spent November 9 at the Station discussing white mold of snap beans with Jim Hunter, Plant Pathology, and Mike Dickson in Seed & Vegetable Sciences.

APPOINTMENT

John Norelli was appointed Research Support Specialist II to work on fire blight with Herb Aldwinckle and John Gilpatrick in Plant Pathology. John is a graduate of Cornell and just received an MS degree from the University of California, Berkeley.

RESIGNATIONS

Ann Chiama who worked in Entomology under Bill Bowers left the department to be married and move to Dallas, Texas. The department gave Ann a combination shower and going-away party before she left.

A farewell party was held for Chand and My-Linh Watve at Sandy Davis' home on November 17. Chand has

accepted a position at the Belle Glade Experiment Station in Florida and will be leaving the Department of Entomology some time early December.

Laura Pedersen terminated employment November 15. She had been working on a temporary basis for Jim Tette.

NOTES OF INTEREST

Over 100 Station employees and their families and friends attended the Employee Day barbecue and football game with Cornell defeating Pennsylvania. Everyone had a good time!

Bob Pool participated in the Wine Competition for Wines Produced in the East in Lancaster, Pennsylvania on November 29, 30, and December 1 sponsored by Wineries Unlimited. He judged the competition and moderated "the clinique."

SYMPATHY

Our sympathy is extended to Maurice Tebcherany, Entomology, and his family. Maurice's brother, Raymond Tebcherany, passed away November 27 after a long illness.

CLASSIFIEDS

Car pool wanted: Would like to form a car pool during the winter months or pay someone to take me to work and home. I live on West Street between Washington and William. Betty Porterfield at 242 or 216.

For sale: Bach Stradivarius trumpet. Excellent condition. Asking \$475 or best offer. Don Lipker at 331-6380 after 6 p.m.

WEATHER

			Max.	Min.	Rain, Melted Snow, etc.	Snow, Sleet, Hail	Snow, Sleet, Hail, Ice on gnd. (Inches)
November	1	67	36				
	2	51	28				
	3	61	36				
	4	64	40				
	5	68	42				
	6	69	43				
	7	69	40		tr.		
	8	45	30		.03		
	9	47	32				
	10	61	36				
	11	61	39				
	12	61	33				
	13	37	30				
	14	54	37				
	15	61	35		tr.		
	16	44	28				
	17	46	26				
	18	58	38		.26		
	19	46	39		tr.		
	20	48	30		tr.	tr.	
	21	31	20		.04	1.0	1
	22	28	17		tr.	tr.	
	23	35	23		.02		
	24	46	33		.27		
	25	41	31		.03	.5	
	26	32	18		tr.	tr.	
	27	25	15		.03	.5	
	28	37	17		.31	.6	1
	29	35	22		.02	.5	1
	30	41	26				

Station Calendar

FOR WEEK OF NOVEMBER 5, 1978



CALENDAR OF EVENTS

- November 6—3:00 p.m.—Conference Room, Food Research Laboratory—Snap Bean Research Meeting
- 6—7:30 p.m.—Auditorium, Jordan Hall—SPEBSQSA
- 7—1:00 p.m.—Director Barton's Office—Geneva Department Heads Meeting
- 7—ELECTION DAY
- 8—4:00 p.m.—Conference Room, Food Research Laboratory—Food Science Seminar
- 8—7:00 p.m.—Staff Room, Jordan Hall—Finger Lakes Stamp Club
- 9—9:15 a.m.—Tour, Botany Students, Keuka College
- 10—10:00 a.m.—Staff Room, Jordan Hall—Wine Conference
- 10—10:15 a.m.—Conference Room, Food Research Laboratory—Processed Fruit and Vegetable Advisory Subcommittee Fall Meeting
- 10—4:00 p.m.—Auditorium, Jordan Hall—Early Bird Booksale and Crafts Fair, for Station Employees only
- 11—9:00 a.m.—Jordan Hall—Library Booksale and Arts and Crafts Fair

FOOD SCIENCE SEMINAR

November 8, 1978 - 4:00 P. M.
Conference Room
Food Research Laboratory

TOPIC: Non-biological processes for water reuse in the fruit and vegetable processing industry
R. H. Walter
Food Science and Technology Department

EMPLOYEE DAY

The Cornell-Penn football game on Saturday, November 18, has been designated EMPLOYEE DAY. For this game, all Cornell employees will be able to purchase up to four tickets at the reduced rate of \$1 each—tickets located in the West Stands. A chicken barbecue will be held at Barton

Hall in conjunction with EMPLOYEE DAY. A cash bar will begin at 11 a.m. followed by the barbecue from 11:30 to 1:00 p.m. Dave Barrie will pick up game and barbecue tickets the week of November 6. Please call Personnel for reservations.

EARLY BIRD BOOKSALE AND ARTS AND CRAFTS FAIR

Open to Station employees only, the Early Bird booksale will feature general reading material, scientific works, magazines, pamphlets, pamphlet boxes, choral music and scads of paperbacks. We also have several of Hedrick's books which are bid items: Small Fruits, Cherries, Pears, Peaches and Edible Plants. These are available for inspection in the library up until the date of the sale. Donations for the booksale will be accepted through Thursday, November 9.

At the request of several Station employees who are unable to return to Geneva on Saturday for the Craft Fair, we will attempt to have some of the crafts available at the Early Bird booksale. There will probably be many more items available on Saturday, however, so try to return and bring your friends and neighbors with you.

LAST CALL FOR EXHIBITORS: Entries must be to Gail Hyde by 5 p.m. on Thursday, November 9, if you plan on being included in the Crafts Fair.

COMPUTERIZED TELEPHONE SYSTEM CUTOVER

The new Rolm phone system will be cut over at 1:00 P.M. Friday, November 3, 1978, that is barring a major calamity. Undoubtedly, there will be some problems, so please report them to Joyce Batson at **213** on Friday afternoon. Hopefully, the transition will be a smooth one and we will keep you informed of changes as we go along.

Joyce and Ms. LeRoux will be checking operations with those having key (button) telephones. There will be an opportunity for you to have your questions answered and if necessary we will schedule additional training.

A new directory of numbers is in the process of being prepared and will be issued soon. Thank you for your cooperation.

A. C. Davis
Associate Director

Station Calendar

FOR WEEK OF NOVEMBER 12, 1978



CALENDAR OF EVENTS

November 14-15—8:30 a.m.—Conference Room, Food
Research Laboratory—Annual IR 4
Technical Committee Meeting
14—4:00 p.m.—Auditorium, Jordan Hall—
Sigma Xi
17-18—Ithaca—Advisory Council for the New
York State College of Agriculture and
Life Sciences and the Agricultural Ex-
periment Stations Meeting
18—Employee Day at Cornell University

SIGMA XI

Tuesday, November 14 - 4:00 p.m.
Auditorium, Jordan Hall

Lecture: 360 Degrees in Microscopy

The talk and accompanying slides consider the develop-
ment of microscopy from the early methods of studying un-
stained objects to the sophisticated optical and staining
methods used in studying cells today.

Speaker: Dr. Robert F. Smith
Director of Biomedical Communications
N.Y. State College of Veterinary Medicine
Cornell University, Ithaca

Dr. Smith recently came to Cornell after 26 years at
Brookhaven National Laboratory where he was Director of
Analytic Photography. Among his interesting projects has
been the analysis of the first moon rocks brought back by
the Apollo 11 mission. Dr. Smith is the only American
member of the British Royal Microscopic Society.

ANYONE INTERESTED IS INVITED TO ATTEND THE
MEETING.

WESTERN SQUARE DANCE

A Western Square Dance will be held at the Geneva
Family YMCA Saturday, November 18, at 8 p.m. Calls will
be by Chip Kellogg. All public is invited to attend. Tickets
are \$2 per single and \$4 per couple. If interested, contact
Stan Comstock or Ed Woodams in Food Science.

Station Calendar

FOR WEEKS OF NOVEMBER 19 AND 26, 1978



CALENDAR OF EVENTS

November 21-9:00 a.m.—Staff Room, Jordan Hall—
Cooperative Extension Administrative
Committee Meeting
22—7:00 p.m.—Staff Room, Jordan Hall—
Finger Lakes Stamp Club
23-24—Thanksgiving Holiday
26-30—Houston, Texas—National En-
tomological Society of America
Meetings
27—10:00 a.m.—Fifth Grade, Dresden
Elementary School
29—9:30 a.m.—Conference Room, Food
Research Laboratory—Snap Bean Ad-
visory Committee Meeting
29—3:00 p.m.—Conference Room, Food
Research Laboratory—New York Snap
Bean Research Association Meeting
30—10:00 a.m.—Tour—Plant Disease and
Pest Control Class, Alfred University
30—3:00 p.m.—Room A133, Entomology-
Plant Pathology Laboratory—Plant
Pathology Seminar
December 1—6:30 p.m.—Social Hour, 7:30 p.m.—
Dinner—Lionstone Restaurant—
Nelson Shaulis' Retirement Party

PLANT PATHOLOGY SEMINAR

Thursday, November 30, 1978 - 3:00 PM
Room A133
Entomology-Plant Pathology Laboratory

TOPIC: Chemical and Biological Control of Seed At-
tacking Organisms
G. E. Harman
Dept. of Seed & Veg. Sciences

Seedborne pathogens may cause serious diseases in crops grown from infected seeds and/or cause severe reduction in seed quality. Thus, black leg and black rot of crucifers are of major concern to seedsmen and growers of these crops since infected seed lots are produced each year. Various fungi attack soybean seeds and in 1977, 2000 bushels of New York soybean seeds were so heavily infected that they were unfit for planting. New chemical treatments capable of dealing with these problems without reducing seed vigor or viability will be described in this seminar, as well as problems and progress in obtaining proper governmental action allowing use of these treatments.

Even if seeds are healthy when planted, they are still at risk from seed rots and seed maggots, which necessitates seed treatments to insure adequate plant stands. Work with C. J. Eckenrode, Entomology, has revealed information about seed maggot-microorganisms-seed interactions that may allow control of seed rots and seed maggots with a single biocontrol agent.

Wanted: Rims to fit 1973 Plymouth Duster, 6 cylinder, drum brakes 14" x 4½". Call Linda Merritt at Ext. 314.