

Ag students honored at University of Delaware

WARK, Del. — A number of top-achieving students in the College of Agricultural Sciences were recognized during the University of Delaware Honors Day ceremonies. The event, which is held annually, honors students for their accomplishments in scholarship and leadership, as well as for contributions in their respective colleges throughout the entire campus community.

University-level awards were given to Suzanne Mason of Nottingham, Pa. An entomology plant pathology major, Ms. Mason joins the top student from each of the University's eight undergraduate academic units on a Panel of Distinguished Scholars. The Alpha Zeta award for the highest ranking sophomore student enrolled in the College of Agricultural Sciences went to plant science major Eugene F. Raphael, Jr., of Monkton, Md. The Honors Day Book Award in the College went to another plant science major, W. Gary Smith of Newark. This award goes to one sophomore or junior in each college or division who has shown a sincere desire for knowledge and has been active in extracurricular

activities directed toward the individual betterment of fellow students. A fourth University-level award went to Francis J. Tarrant, Jr., of East Brunswick, N.J. Tarrant, an agricultural economics major, received the Wall Street Journal Award, which is granted each year to one outstanding senior in the College of Business and Economics and one in the College of Agricultural Sciences.

College-level awards included scholarship prizes to a number of students. This year's \$650 Ralston-Purina award recipient was Joseph J. Vigilante, Jr., of Morris Plains, N.J. Southern States scholarships went to senior Mark S. Kosco, Maryland; junior Joseph R. Gibson, Wyoming; sophomore Patricia E. Williams, Hockessin; and freshman Ronnie M. Cain, Greenwood.

Among other scholarships, that from the Delaware Federation of Garden Clubs went to Karen L. Ely, Elkton, Md.; the Delaware State Grange, to David A. Hankins, Jr., Milford; and the Delaware-Maryland Plant Food Association, to Elizabeth L. Bundick, Newark.

Three new scholarships were also awarded this year. The George M. Worrilow Scholarship in Agricultural Sciences (sponsored by the Agricultural Alumni Association) went to two students: Jeremy L. Sedgwick of Newark and Bernard Sammons of Wilmington. The George M. Worrilow Alpha Zeta Scholarship (an annual scholarship based on funds raised by members of the Delaware Chapter of Alpha Zeta, a national agricultural honor fraternity) went to Constance Swierczewski of Millington, Md. And the Carvel Agricultural Scholarship for Delaware residents who want to enter

the College went to Donna R. Studley of Laurel.

Five Degree of Distinction nominees were recognized during the ceremony: Francis J. Tarrant, Jr., East Brunswick, N.J. (agricultural economics); Gregg R. Hesseltine, Newark (animal science); Gary L. Benzon, Newark (entomology); John T. Greenplate, Newark (entomology) and Anastasia E. McHugh, Newark (plant science). Applicants for this degree must attain a general scholastic index of not less than 3.00 and an index of not less than 3.50 in their major. They must also prepare a satisfactory thesis on individual research.

A number of nominations to national honor societies were also announced. Mortar Board, an honorary society for seniors which recognizes outstanding scholarship, leadership and service, nominated W. Gary Smith of Newark. The plant science major was also nominated for membership in Omicron Delta Kappa.

Phi Kappa Phi, a national honor society electing students from all colleges of the University, nominated Mary R. Babcock, Wilmington; John M. Gliatto, Woodbury, N.J.; Marianne M. Hardesty, Newark; Patricia G. Hee, Millville, N.J.; Gary L. Melchior, Claymont; Bonnie M. R. Stombaugh, Newark; Judith A. Teklinski, Evandergrift, Pa.; and Dana K. Williamson, Wilmington.

The following agricultural sciences students are to be recognized in the 1976-77 edition of WHO'S WHO IN AMERICAN UNIVERSITIES AND COLLEGES: Henry C. Conner, New Castle; Martin N. Culik, Newark; Brenda J. Fry, Lancaster, Pa.; Susan D. Hance, Prince Frederick, Md.; Gregg R. Hesseltine, Newark; Florence J. Huggins, Berlin, N.J.; Cindy G. Kilmer, Newark; Charles

F. Mancino, Dover; Gerald J. Pawlikowski, Wilmington; W. Gary Smith, Newark; and Constance Swierczewski, Millington, Md.

Culik, Hance, Hesseltine, Smith and Swierczewski were all given College Council Student recognition for having demonstrated an outstanding amount of dedication, interest and enthusiasm in their college.

Nominations to the Panel of College of Agricultural Sciences' Scholars included seniors Susan F. Corsaro, Newark, and John T. Greenplate, Newark; junior Mary S. Eyring, Baltimore, Md.; sophomore Kurt Linneman, Phoenixville, Pa.; and freshmen Randall W. Blackburn, Newark; Ronnie M. Cain, Greenwood; Donald F. Kenney, Kennett Square, Pa.; Ruth A. Murray, Wilmington; and Nancy J. Stille, Cherry Hill, N.J.

The Panel of Department Scholars - students

recognized for holding the highest scholastic index - included Francis J. Tarrant, Jr., East Brunswick, N.J. (department of agricultural and food economics); James L. Allen, Jr., Wilmington (department of agricultural engineering); John M. Gliatto, Woodbury, N.J. (department of animal science and agricultural biochemistry); Gary L. Benzon, Newark (department of entomology and applied ecology); and Joseph G. Sullivan, Wilmington (department of plant science).

During the same ceremony, recognition was also given the following faculty members for outstanding teaching in the College of Agricultural Sciences: Ernest N. Scarborough, department of agricultural engineering; Dr. Donald F. Crossan, department of plant science; and Dr. Richard E. Fowler, department of animal science and agricultural biochemistry.

Consider the honeybee when spraying pesticides

DOVER, Del. - While pesticides are excellent for the destruction of pest parasites and predators, they can also do considerable damage to the helpful honeybee. This insect, known for the valuable honey it produces, is even more important as a pollinator of fruit trees, forage crops, vegetables, and other plants, according to Frank Boys, University of Delaware Extension entomologist. When it's time to spray for ornamental, forest, field crop, fruit, and vegetable insects, Boys urges protection of the honeybee at the same time. This Extension specialist says that bees are most often found in fields containing vetch, alfalfa, clover and other plants in bloom. They're also attracted to dandelions, wild flowers, ornamentals and trees in hedgerows.

When buying pesticides, care should be taken to select the product which is least harmful to bees and other pollinating insects. But when treating mixed stands, timing and the method of application are also important. For example, carbaryl is very toxic to

honeybees if sprayed on mixed alfalfa forage with other plants in bloom. But it will not harm the bees when it's used as a stubble spray after haying.

When using insecticides such as an organophosphate, the hazard can also be reduced by proper timing of the treatment.

According to Boys, highly-toxic materials should be applied only during periods when bees aren't visiting the plants - preferably during the night or in the early morning. In addition, spraying should be avoided on windy days when the insecticide may drift into bee yards or onto other crops.

Spraying is generally the most harmful application method for bees, regardless of whether it is done from the ground or the air. However, dusts are less effective against the pests and often drift considerable distances. But granules present the least danger to bees and other beneficial insects.

Although pest control often requires immediate action to protect a particular crop, Boys recommends giving local beekeepers a 48-hour notice before applying pesticides.

Inspection chief named

WASHINGTON, D. C. - President Carter recently nominated L. E. Bartelt, Sacramento, Calif., to be administrator of the Federal Grain Inspection Service (FGIS), U. S. Department of Agriculture. The nomination is subject to confirmation by the U. S. Senate.

Dr. Bartelt, 55, has worked his way up through California's Department of Food and Agriculture, holding several administrative positions since 1945. From 1969 to 1972 he was an assistant director of

the department and chief of its Division of Inspection Services, which included federal-state grain inspection, weights and measures enforcement, federal-state shipping point inspection, egg inspection, fruit and vegetable standardization, agricultural chemical control, and other regulatory activities. Since 1972 he has been assistant director and chief of the state Division of Animal Industry, supervising animal, meat and dairy regulations. He also has been the state veterinarian.

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