

# Industry News

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The following are excerpts from the "New Products and Services from Industry" discussion at the 1988 annual meeting of The American Phytopathological Society.

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PACE Consulting was established in 1986 as a part-time venture and has since grown into a full-service agricultural research business. PACE focuses on new opportunities in agricultural production technology transfer. Examples of projects completed or under investigation include: discovery program development for finding new biocontrol agents; development of biocontrol agent production systems; risk assessment for release of naturally occurring and rDNA biocontrol organisms; field studies to support the development and registration of chemical and biotechnology products targeted for use in agriculture; epidemiology of fungal and insect-transmitted virus diseases of plants; and technical feasibility of pest control strategies, including product patentability. PACE Consulting has positioned itself to take advantage of the growing opportunity to assist the manufacturer and grower in discovering, developing, selecting, and implementing new crop protection technologies.

For more information contact: Larry J. Stowell, PACE Consulting, 1267 Diamond Street, San Diego, CA 92109.

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Agribrom granules and tablets are EPA-registered products for control of microbial slimes and fouling in recirculating cooling water, irrigation, and automatic water distribution systems in greenhouses and agricultural premises. Agribrom (1-bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione) is an oxidizing biocide that, when added to the recirculating water supply at rates as low as 5 ppm residual bromine, effectively and economically prevents algae and microbial slimes from fouling cooling pads. These organisms are also controlled when Agribrom is used to treat irrigation water for crops other than food crops, without phytotoxicity. Research is under way to evaluate Agribrom for management of several bacterial and fungal plant pathogens of both preharvest and postharvest significance.

For more information contact: D. A. Rickard, Great Lakes Chemical Corp., West Lafayette, IN; (317) 497-6354.

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Agdia's Potyvirus Group Test is the first test offered to detect all viruses and strains within a group of plant viruses. The test, which uses a protocol of antigen-coated indirect ELISA, is based on a monoclonal antibody developed by the USDA Florist and Nursery Crops Laboratory in Beltsville, Maryland. The test is very sensitive, does not show strain dependency, and has not reacted with viruses other than potyviruses. The test is a valuable tool in diagnostic and screening programs and has been used successfully to detect potyviruses in many vegetable, woody, and ornamental crops. Either the full reagent kit or components of the test may be purchased. The test is also available in Agdia's testing laboratory, which receives samples and provides results in 48 hours.

For more information contact: Robert F. Davis, Agdia, Inc., 1901 North Cedar Street, Mishawaka, IN 46545; (219) 255-2817.

## Salute to APS Sustaining Associates

This section is designed to help APS members understand more about APS Sustaining Associates. Information was supplied by company representatives. Each month different companies will be featured. A complete listing appears in each issue of *Phytopathology*.

**Eli Lilly and Company, Elanco Products Company Division, Indianapolis, IN 46206; Contact: H. R. Hall, Lilly Research Labs, P.O. Box 708, Greenfield, IN 46140; 317/467-4550.** Eli Lilly and Company has a long-standing commitment to excellence and leadership in life sciences research. Eli Lilly markets agricultural products worldwide through its Elanco Products Division.

**Merck & Co. Inc., Contact: Richard A. Pence, P.O. Box 2000, Rahway, NJ 07065; 201/750-8605.**

**Mobay Corporation, Contact: W. C. Carlson, P.O. Box 4913, Kansas City, MO 64120; 816/242-2752.** Mobay is a basic manufacturer of a diversified line of agricultural chemicals and specialty chemical products. The Agricultural Chemicals Division is a leader in the development and marketing of ergosterol biosynthesis inhibiting fungicides in the United States. One of these products is Bayleton Systemic Fungicide, which is registered for the control of specific diseases in agricultural and specialty crops. Mobay also manufactures and

distributes the fungicide Dyrene, which is used for the control of certain diseases in vegetable crops and turfgrasses.

**Monsanto Agricultural Company, Contact: D. R. Gigax, 800 N. Lindbergh Blvd., St. Louis, MO 63167.** Monsanto Agricultural Company is an operating unit of Monsanto Company, headquartered in St. Louis, MO. It is a recognized world leader in the research, development, manufacturing, and marketing of crop protection chemicals. The company also produces a variety of animal feed supplements and preservatives and owns two seed companies that produce high-quality soybean and wheat seed. Total 1988 sales were more than \$1.3 billion, with annual research and development expenditures exceeding \$100 million. Areas of new product research include chemical control of weeds, insects, and plant diseases, with an increasing emphasis on applying the tools of biotechnology to crop improvement and protection, and to animal nutrition and health.

**NOR-AM Chemical Company, Contact: Edward P. Pieters, 3509 Silverside Rd., P.O. Box 7495, Wilmington, DE 19803; 302/575-2043.** NOR-AM Chemical Co. is a leading manufacturer and supplier of specialty products for agricultural, pest control, and turf and ornamental markets. Its major fungicide products include BANOL turf fungicide, BOTRAN 75W fungicide for fruits, and the soil fumigant products VORLEX and VORLEX 201.

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