

# Industry News

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North American Fungicide Resistance Workshop and Conference. This meeting, held September 20-25, 1987, at The Pennsylvania State University, was sponsored by the Fungicide Resistance Action Committee (agricultural consultant for FRAC, Charles J. Delp) and the university's Department of Plant Pathology (chairman of local arrangements, Patricia L. Sanders). Objectives were:

- To develop goals to prolong the usefulness of systemic fungicides;
- To stimulate the North American research potential;
- To improve collaborations for determining and implementing use strategies;
- To demonstrate industry's commitment to and leadership in resistance issues.

The discussions centered around the four major classes of "at-risk" fungicides: benzimidazoles, dicarboximides, phenylamides, and demethylation inhibitors/sterol biosynthesis inhibitors (DMIs/SBIs). In addition to talks on the basic aspects of these fungicides, sessions were held with workshop participants on designing and implementing goals.

In each case, agreement was reached to build on the current FRAC recommendations and strategies (Plant Disease, Vol. 71, p. 652) to improve communication of resistance strategies to the user level by providing educational and training aids. Also planned is the organization of a North American working group for both dicarboximides and DMIs.

Steps agreed on to improve communication and knowledge of fungicide resistance include:

- Publication by 1989 of a book based on the workshop and including the FRAC standardized resistance monitoring methods;
- Promotion of EPA cooperation on the value of companion products by conducting field demonstrations;
- Provision of educational and training tools to extension agents and consultants in the form of FRAC video and slide sets, to be available early in 1988.

Further information on this stimulating and rewarding meeting is available from Dr. Delp, 145 Kentucky Avenue S.E., Washington, DC 20003.

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From the "New Products and Services from Industry" discussion at the 1987 annual meeting of The American Phytopathological Society: The Deltalogger by Delta T Devices is a portable, low-cost, user-friendly data logger designed with the environmental or biological scientist in mind. The Deltalogger is able to store 128,000 data points from a maximum of 64 channels. Input can be either analog or digital from almost any sensor. Linearization is provided for most common sensors, and data are converted to standard engineering units; instructions for linearization for other sensors are given on the screen. The setup is menu-driven and easily accomplished. Features include data compression, auto or fixed ranging, operation with or without a computer, weatherproof case, and low power consumption (from AA batteries). For more information contact: Ralph Briscoe, Wescor, Inc., 459 South Main Street, Logan, UT 84321; (801) 752-6011 or (800) 453-2725.