

Industry News

The following are excerpts from the "New Products and Services from Industry" discussion at the 1986 annual meeting of The American Phytopathological Society.

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Imazalil, a Systemic Fungicide of the N-Substituted Imidazoles.

D. B. Helmer, Janssen Pharmaceutica

Janssen Pharmaceutica is continuing developmental efforts with the sterol-inhibiting fungicide imazalil, a federally registered seed treatment for control of barley leaf stripe and common root rot of wheat and barley. The systemic activity of imazalil provides protection from early-season root infections. In 1985 studies on spring barley in eastern Idaho, imazalil provided significant yield increases. Studies in progress in North Dakota and Minnesota reveal a consistent increase in tillering. Imazalil is also registered as a seed treatment for control of black root rot of cotton. Seed treatment applications to sweet corn for control of seedborne pathogens are under development. Imazalil continues as the citrus industry standard for control of postharvest diseases. Registration is expected for postharvest application to pome fruit for control of Penicillium expansum, Botrytis, and Phialophora (side rot). A current EUP is evaluating postharvest disease control for tomatoes, peppers, and melons, and an EUP is pending for control of postharvest brown rot of stone fruit.

For more information contact: D. B. Helmer, Janssen Pharmaceutica, Plant Protection Division, Box 344, Washington Crossing, NJ 08560.

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Myclobutanil, a New Systemic/Protectant/Curative Fungicide.

H. E. Carley, Rohm and Haas Co.

Myclobutanil is a triazole fungicide under worldwide development by Rohm and Haas Co. The systemic curative and protectant fungicide will be marketed under the trademarks Systhane, Rally, and Nova. Myclobutanil has been rated as one of the safest and most effective fungicides for grape powdery mildew and early-season apple disease control. The fungicide is being developed for seed, foliar, and postharvest applications on a wide variety of agronomic and horticultural crops. Commercial use is anticipated during 1987 on perennial grasses grown for seed and during 1988 on apples and grapes.

For more information contact: H. E. Carley, Rohm and Haas Co., Agricultural Chemicals, Independence Mall West, Philadelphia, PA 19105.

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Ridomil PC 11G. L. D. Houseworth, Ciba-Geigy Corporation

Ridomil PC 11G, registered for use in cotton and peanuts in 1986, is expected to be used on a wide scale on peanuts in Texas and Oklahoma and in Delta cotton in 1987. The product contains 1% metalaxyl for Pythium control and 10% PCNB for Rhizoctonia control. In cotton, the fungicide is applied in the seed furrow at the time of planting at 7 to 10 lb per acre. Research and farmer trials have shown that Ridomil PC provides excellent control of damping-off and results in a healthier and more vigorous plant. In peanuts, Ridomil PC is the only product registered for pod rot control. Over the past 5 years, research trials have consistently shown that peanut quality and yield can be increased by one or two applications of 12.5 to 25 lb of Ridomil PC per acre as a band over the row at the time of pegging. State labels are available in Texas and Oklahoma for the use of Ridomil PC at planting to aid stand establishment.

For more information contact: L. D. Houseworth, Ciba-Geigy Corporation, P.O. Box 18300, Greensboro, NC 27419.