

PRESENT STATUS, AVAILABILITY, AND REGISTRATION
OF BAYLETON ON
CONTROL OF FUSIFORM RUST

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During the last five years several systemic fungicides have been tested for efficacy against Cronartium quercuum F. sp. fusiforme. Of these fungicides, the Mobay product Bayleton^R has been the most effective in controlling fusiform rust. Being systemic, this fungicide has both therapeutic and protectant properties, thus the number of applications necessary to control fusiform rust is significantly fewer than was required for the contact fungicide ferbam. Results from field and greenhouse tests indicate that rust can be controlled in forest nurseries with three or four applications of Bayleton at a rate of six or eight ounces active ingredient per acre per application. The first spray should be applied 7-14 days after planting (when approximately 50% of the seedlings have emerged). The last spray should be applied during the third week of June, and the intermediate sprays should be equally spaced between the first and last sprays. Sufficient volume (75-100 gal per acre) should be used to insure complete coverage. In addition, the tank mix should contain six ounces of Agri-dex^R surfactant-oil blend per acre volume of spray.

Availability. The distribution point for Bayleton in the southeast is:
Woolfolk Chemical Works, Inc.
P. O. Box 938
Fort Valley, Georgia 31030

Agri-dex can be obtained from:

Helena Chemical Co.
Suite 3200
5100 Poplar
Memphis, Tennessee 38137

Registration: As of September 1980, 24 C, registrations allowing use of Bayleton on pine seedlings for control of fusiform rust had been approved in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, and South Carolina. Each user of Bayleton must have in his possession a copy of the 24 C registration for his state at the time of application.