

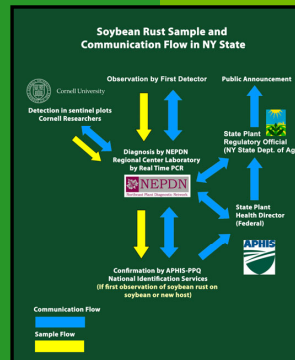
New York State Preparedness and Response Plan for Soybean Rust

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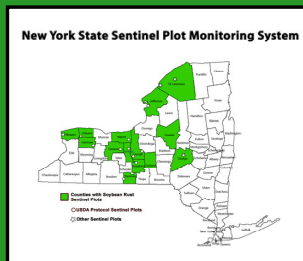
Scouting and Detection

- State-wide soybean rust sentinel plot monitoring system
- Weekly scouting during growing season
- Continued late season spore trapping
- Real time PCR capabilities for the diagnosis of soybean rust



Education and Outreach

- NY State Soybean Rust Information Center Website
- Distribution of soybean rust educational materials
- Extension presentations
- First detector training
- NY/PA satellite conference
- Joint state, federal and land grant university soybean rust communication and submission protocol testing



Soybean rust spore trap and weather station in the field.
(Photo Gary C. Bergstrom)



Scouting for soybean rust. Photo Gary C. Bergstrom

New York State Soybean Rust Information Center

2005 Asian Soybean Rust Status

To date, positive confirmations of soybean rust have been reported in Alabama, Florida, Georgia, Mississippi and South Carolina. As the New York soybean crop is approaching maturity, the risk of infection remains low, and no fungicide application is advised in 2005. Weekly inspection of sentinel plots in New York State has concluded for the season. Spore trapping from retirement and targeted inspections of commercial soybean and vegetable bean fields will continue in order to determine whether species of the soybean rust fungus are carried into New York State by air currents from infested areas of the southern U.S. (Last updated 9/1/05)

New York State Asian Soybean Rust Hotline
1-607-255-7820

Asian Soybean Rust in U.S. **Asian Soybean Rust in New York State**

www.ppath.cornell.edu/soybeanrustny



First Detector Training.
Photo Mary McKellar

Partners and Advisors

NYS Dept. of Agriculture and Markets
USDA-APHIS
NYS CAPS Program
Northeast Plant Diagnostic Network
New York State Integrated Pest Management Program
Cornell Pesticide Management Education Program
Cornell Cooperative Extension Educators
United Soybean Board
New York Corn Growers Association
Northeast Certified Crop Advisors
New York State Agribusiness Association
Fungicide Companies and Applicators

- NY State soybean rust fungicide guidelines
- Scenarios for the management of soybean rust in New York
- Registered and section 18 products for soybean rust in NY State
- Cornell Field Crops Guide

Management Guidelines

Fungicide application	Crop and disease status ¹		Fungicide application ²
	Crop stage	Disease level	Registration (if available)
Pre-planting	Vegetative	Low to moderate	001001 BAYLENT azoxystrobin
	Flowering	Low to moderate	001001 BAYLENT azoxystrobin
Post-planting	Flowering	Low to moderate	001001 BAYLENT azoxystrobin
	Flowering	Low to moderate	001001 BAYLENT azoxystrobin
Post-planting	Flowering	Low to moderate	001001 BAYLENT azoxystrobin
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Fungicide table adapted from Dorrance, A. E., Draper, M. A., and Hershman, D. E., eds. 2005. Using foliar fungicides to manage soybean rust.