

Proper Sample Submission of Soybean Rust Suspect Samples

Plant Disease Diagnostic Clinic, 334 Plant Science, Ithaca, N.Y. 14853

Questions...

NYS residents can refer to web sites,

www.plantclinic.cornell.edu,

www.ppath.cornell.edu/soybeanrustny,

or call the Plant Disease Diagnostic Clinic at Cornell University. (607)255-7850. There is a diagnostician available Mon – Fri, 8am to 4:30pm.



What to look for...

- Symptoms begin on lower leaves
- Lesions begin on the undersides of leaves as gray to tan/reddish brown spots
- Infection is favored by leaf wetness, temps of 64-82°F, and humidity levels of 75-80%

How to collect a sample...

- Collect the sample **prior** to any pesticide applications, pesticides may affect results
- Collect between 6-10 symptomatic leaves per plant, the leaves will be diagnostic for Soybean Rust suspects
- Wrap leaves in dry paper towels and place each sample separately into a **labeled** zip lock bag
- Place all labeled sample bags to be submitted into a larger zip lock bag

How to package & ship a sample...

- Please use the Cornell University Plant Disease Diagnostic Clinic submission form found on our website whenever possible.
- Provide as much information as possible to ensure an accurate diagnosis
- Make sure you include the form with your sample, preferably in an envelope and separate zip lock bag. Keep a copy for your records
- If the sample cannot be mailed immediately, keep it refrigerated
- Samples should be shipped in a sturdy box with both sides taped closed
- Make sure the box is properly labeled with the correct mailing address
- Only ship samples on Monday, Tuesday, or Wednesday. Overnight shipping is highly recommended
- When possible, notify the Diagnostic Lab of the shipment

Are there fees for sample processing?...

- The fees for samples submitted by First Detector Certified individuals and Ag & Markets personnel are covered by Soybean Rust diagnostic grants, all others will be charged a fee of \$25.00

