

How to Submit a Soybean Rust Sample to the Plant Disease Diagnostics Clinic

Brian Hudelson, UW-Madison Plant Pathology

If you believe you have found soybean rust, getting a high quality, intact sample to the Plant Disease Diagnostics Clinic (PDDC) is critical for verification. The following is a list of suggested steps that you should take when collecting, packaging and shipping a sample to make sure that the sample will arrive for diagnosis in the best possible condition and with the greatest likelihood of being properly evaluated.

- *Select a representative group of leaves (or other plant parts) that exhibit the range of symptoms that you have observed in the field;*
- *Be sure to collect detailed information on the location where the sample was collected so that the site can be revisited if necessary. If you know the GPS coordinates of the site, please provide these;*
- *If possible, place the leaves between layers of cardboard and paper towels to keep them flat (i.e., layer the materials as follows – cardboard, paper towel, leaves, paper towel, cardboard, paper towel, leaves, paper towel, cardboard, etc.);*
- *Place the leaves in a self-sealing plastic bag and seal the bag shut;*
- *Place this bag inside a second self-sealing plastic bag, being particularly careful that the outside of this second bag does not become contaminated;*
- *Keep the leaves cool (e.g., by placing them in a cooler or refrigerator) between the time of collection and the time when they are shipped to the PDDC;*
- *Ship samples to the PDDC by overnight mail whenever possible. The PDDC address is:*

*Plant Disease Diagnostics Clinic
Department of Plant Pathology
University of Wisconsin-Madison
1630 Linden Drive
Madison, WI 53706-1598*

- *Include with the sample a completed copy of the “Soybean Rust Submission Form” on the back of this sheet;*
- *If possible, call the PDDC at (608) 262-2863 to let the PPDC staff know that a suspect soybean rust sample is on the way.*

For more information or help in diagnosing soybean rust: Contact Brian Hudelson, Department of Plant Pathology, University of Wisconsin-Madison, 1630 Linden Drive, Madison, WI 53706-1598, phone: (608) 262-2863, fax: (608) 263-2626, email: bdh@plantpath.wisc.edu.



For PDDC Use Only:

Intake Number: _____

Date Received: _____

Forwarded to APHIS: Yes/No

Date Sent: _____

*Plant Disease Diagnostics Clinic
Soybean Rust Submission Form*

Please use a separate form for each sample.

Date: _____

Submitter: _____

Address: (Street) _____

(City) _____ (State) _____ (Zip Code) _____

Telephone Number: _____

Grower (if different from submitter): _____

Address: (Street) _____

(City) _____ (State) _____ (Zip Code) _____

Telephone Number: _____

County where sample was collected: _____

Description of the location where the sample was collected: _____

GPS coordinates of field where sample was collected, if available: _____

Host plant: _____

Send report to: _____ Submitter _____ Grower

Submit the sample to the:

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University of Wisconsin Pest Alert