



**Agronomic Crops Team  
Rust Response Plans  
12/7/04**



Soybean Rust will be a much talked about topic this winter with developments almost on a daily basis. Dr. Ann Dorrance is our key resource on this issue. It is critical for Dr. Dorrance to spend time this winter working on resources that can be available when or if rust becomes a problem in 2005. Her presence at county meetings this winter will not be a priority and do not expect her to schedule these events. The Agronomic Crops Team has in place the following opportunities for agents to make themselves knowledgeable on the topic and share basic information. If you are not comfortable with the topic consider our Agronomic Crops Team members. Some of them have been following the topic closely and would be willing to help with local presentations. Members are listed at <http://agcrops.osu.edu/about/directory.php> In addition; plans are starting to be discussed for in-season activities which include in-service and grower education at field day events. Our overall goal is to make Ohio State University Extension as a system, a key unbiased resource to growers in understanding the economic risk and proper protocols to protect against economic loss from this disease.

**Rust Response Plan**

**A) Educational materials** are in place including web resources.

- 1) Soybean Rust Identification Cards are ready and can be shipped to your location prior to the December 14<sup>th</sup> Crop Profit Game Broadcast. If you would like to order copies, send an e-mail message as soon as possible with quantity to Dennis Mills at [mills.255@osu.edu](mailto:mills.255@osu.edu). Include shipping information to speed the process.
- 2) A web page is available through Plant Pathology [http://www.oardc.ohio-state.edu/ohiofieldcropdisease/soybeans/soybean\\_rust.htm](http://www.oardc.ohio-state.edu/ohiofieldcropdisease/soybeans/soybean_rust.htm) and information is also posted on the Agronomic Crops Team website <http://agcrops.osu.edu/soybean/>
- 3) The Crop Observation and Recommendation Network (C.O.R.N.) will be a vital resource for information on soybean rust and other valuable crop information. Between now and next spring, most issues will have an update on new information on this organism. Now would be the time to make sure all agricultural industry and growers in your area are aware of this resource and encourage those with e-mail to subscribe to this newsletter directly at <http://agcrops.osu.edu/services/email.html>. The pages on the Agronomic Crops Team website also have links to subscribe to the newsletter at <http://agcrops.osu.edu/>. In addition to the weekly newsletter, we will also have flash messages we will send out between newsletter dates should the situation warrant it, particularly in the growing season.

- 4) A powerpoint presentation will be on-line and updated regularly after the January Pesticide Update program where web location information will be shared.
- 5) Anne is currently finishing a final draft of a fungicide manual in conjunction with colleagues from other states. This will become available after the first of the year.

**B) Meeting opportunities** now until planting season.

- 1) Ohio Corn-Soybean Conference will offer a session on Soybean rust on 12/13/2004.
- 2) For all agents an opportunity will exist to learn about rust during Dr. Dorrance's presentation for PAT on January 6th. This is the power point that will be continually updated during the winter with updates made available on-line. If you are not comfortable with the topic consider our Agronomic Crops team members. They are listed at <http://agcrops.osu.edu/about/directory.php>
- 3) On January 5<sup>th</sup> there will be an opportunity to visit in depth with Dr. Dorrance in a session being planned. The time will be at 2:30, the location will be 202F Kottman Hall.
- 4) The Crop Production Conference, January 12 and OSU Advanced Agronomy Workshop, January 13 at the Fawcett Center both have soybean rust on the agenda. Registration information can be found at [www.oaba.net](http://www.oaba.net) for both of these meetings.
- 5) All growers will have the opportunity to hear the latest on the rust story during the February 15<sup>th</sup> Crop Profit Game Broadcast. This portion of the broadcast will be a live presentation that will include all information available through this date. See <http://cropprofit.osu.edu> for program details or sign up your location to receive the broadcast.
- 6) A March teleconference will be made available through the North Central Regional Integrated Pest Management Program. A date has not been established due the fluid nature of the situation at this point. We will keep you informed as to what is happening. Ohio sites will be needed and you along with surrounding counties may want to provide a location for this meeting.

**C) After planting** based on what is know about the organism we will be searching for this in June through August to determine if fungicide applications are warranted in Ohio

- 1) Sentinel plots are expected to be planted in southern Ohio. (Currently waiting for funding). These plots will be planted early and will serve as a good host for the disease. An alternative considering current planting practices is we may just work with local farmer who plant early to identify field for survey.
- 2) In-service and local grower meetings will happen at the sentinel plots. In addition cooperating educators and pathology staff will fan out and conduct field surveys in the region.
- 3) Local/regional grower meetings can be scheduled during the scouting surveys times June through August.

- 4) The Crop Observation and Recommendation Network (C.O.R.N.) will be a vital resource for information on soybean rust and other valuable crop information. Between now and next spring, most issues will have an update on new information on this organism. Now would be the time to make sure all agricultural industry and growers in your area are aware of this resource and encourage those with e-mail to subscribe to this newsletter directly at <http://agcrops.osu.edu/services/email.html>. The pages on the Agronomic Crops Team website also have links to subscribe to the newsletter at <http://agcrops.osu.edu/>. In addition to the weekly newsletter, we will also have flash messages we will send out between newsletter dates should the situation warrant, it particularly in the growing season.
- 5) The Ohio Soybean Council will provide testing through the Plant Pest Diagnostic Clinic of any suspect field samples.

If you see holes in this plan, please let your thoughts be known by contacting Greg La Barge, Harold Watters or Dennis Mills at anytime.