

Getting Started

Updated July 25, 2006

Welcome to the USDA Pest Information Platform for Extension and Education (PIPE) Mapping Web Site! The site provides you with the latest information on soybean rust and soybean aphid including observations, management recommendations, and scouting information. In addition, the site provides tools designed to help soybean producers document their good farming practices. The site is divided into two pest specific interfaces; these are soybean rust and soybean aphid. To navigate between the two, use the organism dropdown box in the top right hand corner of the page. All of the site navigation and most of the features are the same for both of these interfaces. However, this “getting started” document describes the features available through the soybean rust interface.

Very Important: To utilize all the features of PIPE site, you must allow pop-us from this site. Please remember this applies to all the pop-up blockers that you may have installed on your system.

Below is a brief outline of how to change the settings in the most common pop-up blockers. However, it’s always best to consult the help feature in each pop up blocker on how to change the settings or disable the blocker. Whenever possible, try to change the settings instead of just disable/turning off the pop-up blocker.

- If using a Google Tool Bar with your browser, click the 'Blocked' button on the tool bar to allow pop-ups for our website (www2.sbrusa.net and www.sbrusa.net)
- If using MS Internet Explorer with service pack two on XP, check go to Tools, Pop-Up Blocker, Pop –Up Blocker Settings, and add www2.sbrusa.net and www.sbrusa.net to the allowed addresses. You can either uncheck the Block pop-ups option or add our web address in the Settings section.
- If using Mozilla Firefox, go to Tools, Options, Web Features. Uncheck 'Block Popup Window'.
- Anti-virus, Anti-spam, Security programs, like Symantec, have an automatic Pop-up Blocker. Please consult the Help portion of these programs for instructions on how to change Pop-Up settings or turn off the Pop-Up blocker.

In some instances, a pop-up will be allowed to open when you hold down the ctrl or shift key while clicking on a link.

Site Components

The primary components of the site are: Pest navigation(described above), Interactive mapping features (Navigation tools), Interactive map, State commentary (State Update Map and Commentary box) , Calendar, Map thumbnails, Overlays, Management toolbox, Hyperlinks, Alert sign up, Forecast, and Chronology of Detections. Each of these features are shown in the figure and described below.

Calendar Navigation tools State Commentary Map thumbnails Overlays Alert signup

USDA United States Department of Agriculture Pest Information Platform for Extension and Education

Getting Started Sign Up For Alerts Jul 5, 2006

Legumes/Kudzu Soybean Rust

SB Rust Observation

SB Rust State Update

Chronology of Positive Detections

SBR Forecast Click For Details...

Management Toolbox

- Tactics - USA
- Guidelines - USA
- GFP Tool
- Insurance Docs
- Commentary Chron

Printable Map Legend

National Soybean Rust Commentary (updated: 07/24/06)

Georgia officials reported today, July 24th, a soybean rust find on soybeans in Brooks County. The two previous finds in this county have been on kudzu. Currently rust has only been found on this year's soybeans in four different counties in three states(AL,FL,GA), the rest of the finds have been on kudzu. A total of 25 counties have reported rust this year and include five in Alabama, 12 in Florida, five in Georgia, two in Louisiana, and one in Texas. Spore trapping continues throughout the U.S.

Hyperlinks Commentary box Management toolbox

Interactive Map Features

Using the map navigation tools , you can zoom in or out , zoom in to a specific state using the state zoom tool dropdown , pan , refresh and go to the full map view . The tool selected will be outlined by a blue box. Zoom in, zoom out, or pan tool will focus the navigation on the area under your cursor. When using the zoom box tool, select the area of interest by clicking on the map and holding down the mouse and then dragging it to create a box around the area of

interest. As you zoom in, county boundaries will appear and a state link category will be displayed at the bottom left corner of the page when state links are available. Also, as you zoom in to a state the US soybean rust tactics and guidelines will be replaced by state specific ones, if those have been provided and the state commentary will replace the national commentary in the commentary box, if it has been provided. Sometimes when selecting a large state from the state zoom tool, you will need to use an additional zoom in tool to see county boundaries and other state specific features.

There is also a query tool [?](#), you can use this tool to see the available commentary for a specific state. By selecting the query tool, a new window (commentary window) will open from either the Observation or State Update Map. When you are in the state commentary window, you can choose to view state commentary for other states by selecting the state from the dropdown at the top of the page.

Soybean Rust Interactive Maps - Map Description

The two maps available on the interface are Observation (default) and State Update Map. The **Observation map** shows the negative, confirmed, and confirmed/no longer found observations of rust at a county level. The county level information activated by the soybean specialist is based on diagnostic lab reports and field scouting.

The information displayed on the **State Update Map** is provided by state specialists, who offer interpretations of the current situation and recommendations for management to soybean growers in their respective states. The commentary covers pests of legumes/kudzu, specifically soybean aphid and soybean rust, and possibly other diseases and insects of importance. The commentary information is subdivided into five portions: 1) Crop Growth Stages, 2) Observation and Outlook – Disease, 3) Observation and outlook – Insect, 4) Scouting and Management – Disease, and 5) Scouting and Management – Insect. The colors on the State Update Map for soybean rust indicate how recently the insect portion of the commentary (i.e., “Disease Observation and Outlook-Disease” and “Scouting and Management – Disease”) have been updated by the state specialist. Darker color represents a recent update while lighter shades indicate that the commentaries have not been updated as recently. The coloration is referenced from the date selected on the calendar. After 10 days with no new commentary, the color of a state turns white; however, the most recent commentary remains viewable.

Commentary (State Update Map)

At the bottom of the screen you will find the national soybean rust commentary. When zooming from the national to state level, the state commentary is shown, if available. You can select “more” to see the full state update. You can also view the state commentary by selecting the query tool and clicking on a state of interest from either of the interactive maps. In both cases, a new commentary window will open to display the full state commentary. You will notice that each of the five sections of the commentary has a separate update date. Also, states may have included some state specific documents and/or state specialists contact information on the bottom of the commentary page. In the commentary window, you can view commentary for another state by choosing that state from the dropdown on the top of the page. You will notice that a state in the dropdown box may have an update date; that is the latest update for any of the sections in the commentary.

Calendar

The calendar on the left hand side enables the user to move back in time to view national as well as state commentaries, older documents, and progression of observations. However, it is not possible to move forward in time past the current date.

Map thumbnails

The thumbnail maps on the right-hand side allow the user to select the Observation or State Update Map for display in the large screen area. The selected map then becomes interactive.

Overlay

Using the dropdown arrow, each map can be overlaid with interstate roads, soybean production areas and major cities. It is only possible to view one overlay at a time. To see the overlay appear, click the load button after selection. To remove an overlay, just select “overlay” and click load.

Management Toolbox

This feature provides a variety of management tools both on state and national levels.

The U.S Soybean Rust Tactics and Guidelines are displayed by default. However as you zoom to a state level, state Specific Tactics and Guidelines will replace the national ones if they are available, if not, the national ones will continue to be displayed. Use the calendar to view older Tactics and Guidelines. Tactics and Guidelines will open in a new window.

The Insurance Docs tool displays a list of documents provided by Risk Management Agency (RMA) needed to substantiate best management practices or to file a crop insurance claim.

The Good Farming Practice (GFP) tool provides growers with a capacity to document their farming practices. This tool has a specific help option that you are strongly encouraged to read prior to using it for the first time. The GFP Tool can either be accessed from the Toolbox or from a state commentary window.

Commentary chronology can either be used to list commentary available for a single or multiple states for a specific date, or to see the updates in the commentary for specific state(s) for a defined date range. To use this tool, first select the state or states of interest; to select multiple states hold down the ctrl key. If you want to list the commentary for a specific date just select that date from the “commentary available on” dropdown box. However, if you also want to see the change in the commentary over time, select the beginning date from the “commentary available on” dropdown and then click the checkbox by “include updates through” part and select an end date. The commentary text will be displayed below the selection criteria ordered by state and date. To conduct another search just change the selection criteria at the top.

Hyperlinks

This section provides connections to web sites with soybean rust information, partner sites, and links to variety of other education and extension resources. The links are divided into categories. When you select a category the actual links will be displayed in the commentary box in the bottom middle of the page. After you select a specific link, that site will open in a new window. When you are zoomed to a specific state, the state specific link category will be displayed, if provided. If you select that state link category, the actual links will be displayed in the commentary box, the same as for national links. You always have the option to switch to viewing commentary from here by selecting the commentary link from the hyperlinks section.

Sign Up for Alerts

This feature, available on the top right hand side of the page, allows you to sign up for rust alerts. These alerts are generated if a county is indicated as confirmed or confirmed/no longer found by the specialists. Specific instructions are available through the alert signup window.

Forecast

This section provides information on weather pattern and associate spore movement. Click on the forecast box to view the complete text.

Chronology of Positive Detections

This is a list of all the counties that have reported positive finds of soybean rust in 2006 and those that have reported soybean rust where it can no longer be detected (confirmed/no longer found). By clicking the headers you can sort the information by date, by state/county, or by status; by double clicking a header you can change the order from descending to ascending, or vice-versa. Those counties that had rust infection but it can no longer be found may be listed several times, first as confirmed ,later as confirmed/no longer found, and possibly as confirmed yet again.