



Ralstonia solanacearum - Bacterial wilt dedicated website

<http://plantpath.ifas.ufl.edu/rsol/>

Ralstonia solanacearum Race 3 biovar 2

- *R. solanacearum* is the plant pathogenic bacterium that causes brown rot of potato, Southern wilt of geranium, and bacterial wilt of tomato
- *R. solanacearum* Race 3 biovar 2 (R3b2) is listed as a Select Agent in the United States
- There is a risk for introduction of R3b2 in the U.S. through import of infested geranium cuttings
- Management of bacterial wilt is best achieved with strict sanitary and exclusionary practices



USDA-NRI Project

- **Aim 1.** Develop rapid, robust, and reliable diagnostic assays for R3b2
- **Aim 2.** Identify R3b2 genes involved in cold adaptation and growth in plant hosts
- **Aim 3.** Develop a package of optimized educational tools to control R3b2, primarily by exclusion

Website content - Many reasons to visit !

- Educational and **management training modules**
- **Real time pest alerts** and **first reports** worldwide
- Publications including **management guides, protocols, book references** and **journal articles**
- **Web resources:** links to related website pages and documents
- **Photo gallery** of bacterial wilt symptoms
- Project description and **accomplishments**
- Access to **Ralstonia-L mailing list:** subscribe and be notified of updates to the website

The screenshot shows the website's navigation and content areas. At the top, there are tabs for 'Bacterial Wilt', '*Ralstonia solanacearum*', and 'Brown Rot'. Below these is a menu with 'Home', 'Pathogen and Diseases', 'Alerts', 'Publications', 'Web resources', and 'Photos'. A 'Feedback' survey is visible, along with 'Hot Topics' and 'Quick links' sections. The 'Hot Topics' section includes news about a revised pest and disease information module, a new project publication, abstracts from a symposium, and updates on APS Journals and the LAMP detection method.

Contact information

Overall project

Prof. C. Allen
University of Wisconsin-Madison
1630 Linden Dr.
Madison, WI 53706
Email: cza@plantpath.wisc

Education program

Dr. P. Champoiseau
University of Florida
1453, Fifield Hall
Gainesville, Florida 32611
Email: pchampoiseau@ufl.edu

