

Agenda: USDA-APHIS-PPQ, Black Stem Rust /Barberry Program Technical Meeting

Time: May 20-21st, 2009.

Venue: Training Room #1 (2nd Floor), 4700 River Road, Riverdale, MD

Organizers: USDA-APHIS-PPQ-EDP (Emergency and Domestic Programs) and APHIS-CPHST (Center for Plant Health Science and Technology)

Objectives: Review Current Status of Black Stem Rust/Barberry Program and identify gaps and discuss technical solutions.

Day 1: May 20th: 8:30 – 5:00 PM

- **8:30 – 8:45 AM : Opening Remarks:** David Kaplan, Director, EDP, Matt Royer, Director, Pest Detection, Phil Berger, Director, CPHST
- **8:45 – 9:00 AM : Introductions – ARS, CSREES, AID and stakeholders information**
- **9:00 – 9:15 AM : BSR Program at APHIS, Current Status:** P. Hebbar
- **9:15 – 9:30 AM: Role of CPHST in Solving Technical Issues :** P. Shiel
- **Presentations / Status Review:**
- **Barberry: 9:30 AM – 10:30 AM**
 - Historical: Eradication & Resistance Screening of Barberry: D. Long (ARS)
 - Molecular methods for Identification of barberry: M. Brand (UConn)

Break (15 min)

- **Black Stem Rust: 10:45 AM - 12:30 PM**
 - Molecular methods to identify stem rust races/Ug99: L. Szabo (ARS)
 - Early Warning Systems for Rust Diseases: Scott Isard (Penn State)
 - BSR: Status in Washington State, a Case study: Tim Murray (WSU)
 - Screening of Fungicides for stem rust: Jeff Stein (SD State Univ.)
- **12:30 – 1:30 PM Lunch Break:**
- **1:30 – 1:45 PM Introduction to Technical Issues Discussion/Ground Rules**
- **1:45 – 2:35 PM : Technical Issues Discussions – Round table**
 - Surveys for barberry
 - Invasiveness and modeling
- **Break 15 min**
- **2:50 – 3:40 PM : Technical Issues Discussions – Round table**
 - Management options/interventions Ug99, resistance, fungicides, other issues?
 - Identification of rust races, early detection, modeling , Ug99
- **3:40 – 4:30 PM : Technical Issues Discussions – Round table**
 - Resistance screening, and mechanism for rust resistance
 - Identification of barberry varieties, molecular tools for screening barberry, hybrids
- **Break 10 min**
- **4:40 – 5:00 PM: Recap of Discussion and Preparation for Day 2 Groups**

Day 2: May 21st: 8:30 AM – 12:00 Noon: Technical Working Group Planning Meeting.12:00 Noon – 12:30 PM: Lunch