



United States Department of Agriculture



Cooperative State, Research, Education
and Extension Service

USDA ***DRAFT*** 2005-2006 Transition Plan for
Soybean Rust and Other Legume Pests

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CSREES Mission

- CSREES' unique mission is to advance knowledge for agriculture, the environment, human health and well-being, and communities by supporting **research**, **education**, and **extension** programs in the Land-Grant University System and other partner organizations.
- USDA/CSREES, USDA/RMA, & the Southern Region Integrated Pest Management Center (SRIPMC) at NCSU recently signed a cooperative partnership agreement that will provide funding for soybean rust activities in 2006



2005-2006 USDA Transition Priorities

- Continue to provide soybean rust information and diagnostic services to stakeholders at or above 2005 levels
 - Timely information to assist soybean grower decision making
 - Proper communication channels w/ government stakeholders
 - Quick turnaround diagnostic services at nominal cost
 - Improve functionality of current system through added risk management documentation tools
- Decrease APHIS involvement in national soybean rust management
 - Transition these responsibilities to the LGU/Cooperative Extension System, with CSREES as federal partner
- Improve functionality of current system through added crop/pest combinations

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Separate Management Paths for SBR and Expansion

- SBR management path should favor measured transition of national leadership responsibility from APHIS/PPQ to the SRIPMC; as opposed to fast transition or outright handoff
 - Shows deference to order of previously mentioned priorities
 - Helps to ensure high level of service and improved risk management documentation as highest priorities
 - Acknowledges that the movement of national leadership responsibility from APHIS to LGU/Cooperative Extension System represents substantial but surmountable challenge
 - Additional risk management utility will be incorporated into this management path
- Crop/pest expansion management path will be led by the SRIPMC

2006 Soybean Rust Services Management Path

- APHIS (Coanne O'Hern) & SRIPMC (Jim VanKirk) personnel will have national co-leadership of www.sbrusa.net components
 - FY 2006 funding for sentinel plots, mobile teams, diagnostics, IT Operations via ZedX, & educational programming will be routed through the SRIPMC through RMA/CSREES/NCSU partnership agreement (under the federal oversight of CSREES: Hoffman, Fitzner, Cardwell, Otto)
 - Coanne has agreed to remain involved as co-leader and train the SRIPMC
- Julie Golod, an APHIS funded employee at Purdue, **will continue** to serve as data manager
 - Will continue to work with independent scouts, industry, & ensure smooth data movement through the system
- Joe Russo at ZedX **will continue** to provide meteorology and modeling expertise as well as manage the www.sbrusa.net website
 - Will work with SRIPMC & RMA to develop additional SBR risk management documentation functionality

2006 SBR Sentinel Plot Strategy

- Plan for strategic distribution of sentinel plots (attached)
 - Developed by Don Hershman (UKy), Erick DeWolf, Glen Hartman (ARS), Loren Geisler (UNb)
 - Science based plan driven by disease forecasting needs
 - 349 soybean rust plots total
 - Additional 30 in non SR states to address added crop/pest combinations
 - Funding for each plot based on “monitoring weeks”
 - Shared with specialists at 10/20-21 meeting in Quincy, FL
 - Included Coanne O’Hern & Roger Magarey of APHIS, Monte Miles of ARS, & additional LGU scientists
 - Would welcome input from other stakeholders groups, at or after the APS Soybean Rust Symposium
- As SBR is not a federally regulated (quarantine) pest, post-detection management of SBR in sentinel plots is a state issue
 - LGU and ARS scientists are doubtful that small plots would be a significant contributor to the spread of SBR
 - However current science cannot completely rule out all risk to adjacent fields if the disease is left to develop in these plots

Approximate 2006 Budget Breakdown of CSREES/RMA/NCSU Agreement

Sentinel Plots (349 SBR, Few Alternative Crop/Pest Combinations)	1,000,000
Diagnostics (SBR Sampling @ Nominal Cost, Quick Turnaround)	800,000
Monitoring (Mobile Teams, Aerobiology, Alternate Host)	185,000
Education (Electronic & Printed Materials, Stakeholder Wrkshps)	150,000
IT Subcontracts (PSU & ZedX)	125,000
NCSU Management (Time, Travel, Supplies, Other Direct Costs)	42,000

More detailed information is
available.

We welcome your questions &
comments!

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