Background Information & Orientation: NPDRS Recovery Plans

USDA-APS Partnership

Julius Fajardo
Key Sections
(Revision as of May 13, 2011)

Executive Summary
Contributors & Reviewers

I. Introduction
II. Symptoms
III. Spread
IV. Monitoring & Detection
V. Response
VI. USDA Pathogen Permits

VII. Economic Impact & Compensation
VIII. Mitigation & Disease Management
IX. Infrastructure & Experts
X. Research, Extension, & Education Priorities

References
Web Resources
General Guidelines

• Easy to read, concise, targeted
• Catered to wider audience
• Flexible in format
• Recent, general references & resources
• Periodic review
Plant Diseases That Threaten U.S. Agriculture
Identified and Prepared For under the National Plant Disease Recovery System

The National Plant Disease Recovery System (NPDRS) is called for in Homeland Security Presidential Directive Number 9 (HSPD-9) which was issued in February of 2004. The purpose of the NPDRS is to ensure that the tools, infrastructure, communication networks, and capacity required to mitigate the impact of high consequence plant disease outbreaks are such that a reasonable level of crop production is maintained in the U.S.

Each recovery plan listed below is intended to provide a brief primer on a threatening disease, assess the status of critical recovery components, and identify disease management research, extension, and education needs for that disease. These recovery plans are not intended to be stand-alone documents that address all of the many and varied aspects of a plant disease outbreak and all of the decisions that must be made and actions taken to achieve effective response and recovery. They are, however, documents that will help USDA and others guide efforts directed toward preparation for and recovery from new plant diseases in the U.S.

The plans are a cooperative effort of university, industry, and government scientists sponsored by The American Phytopathological Society (APS) and the United States Department of Agriculture (USDA). The pathogens discussed in these plans have been nominated as critical threats to U.S. agricultural production and reviewed at annual workshops of APS and USDA held in April of 2006, April of 2007, October of 2008, and March of 2011. The content and recommendations of those meetings can be viewed at http://www.aphis.usda.gov/animalplanthealth/nationalplantdisease/NPDRS/Pages/default.aspx.

Table 1. Recovery plans completed, being developed, and completed but being updated.

<table>
<thead>
<tr>
<th>RECOVERY PLAN</th>
<th>PATHOGEN</th>
<th>CHAIR</th>
<th>STATUS &amp; LINKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacterial leaf blight</td>
<td>Xanthomonas oryza pv. oryzae</td>
<td>Jan Leach</td>
<td>Developed</td>
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<tr>
<td>and leaf streak of rice</td>
<td>and X. oryzae pv. oryzae</td>
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</table>

NPDRS Website
### Six Workgroups

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Walnut Thousand Canker</th>
<th>Ned Tisserat</th>
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<tbody>
<tr>
<td>Table 2</td>
<td>Citrus Leprosis Virus</td>
<td>Ron Brlansky</td>
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<tr>
<td>Table 3</td>
<td>Rice Bacterial Blight</td>
<td>Jan Leach</td>
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<tr>
<td>Table 4</td>
<td>Wheat Blast</td>
<td>Barb Valent</td>
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<td>Table 5</td>
<td>Root Knot/Cyst Nematode</td>
<td>Tom Powers</td>
</tr>
<tr>
<td>Table 6</td>
<td>Cotton Leafcurl Virus</td>
<td>Judy Brown</td>
</tr>
</tbody>
</table>

- Self select
- Venue: Birches room
- 10 printed plans per table
- Presenter is leader in breakout
- Assign minute person
- 30-minute discussion
- 15 minutes to wrap up
Discussion Questions

• Are recommendations in the executive summary focused enough?
• Are subject categories in each plan adequate and sufficiently developed?
• Are there missing components?
• Are research, extension & education priorities on target?
• Use discussion board
• NPDRS Meeting at APS Meeting – Aug. 11 (Sunday), 8-9:30PM, Hilton Rm 404