

Guidelines to Authors of Recovery Plans

Kent Smith
USDA/ARS/OPMP

April 23, 2007
St. Louis, MO

General Guidelines

- Not academic review – avoid jargon
- Target is decision makers
- One disease per recovery plan
- Concise and targeted – 12-20 pages
- Education and outreach critical
- Cite up to 20 publications
- Use Pathway Analyses

General Guidelines for Updates

- ad hoc – Ug99 and HLB
- Review at time intervals?
- Assign expert to review?
- Etc.

Title Page

- Title “Recovery Plan...”
- Date of completion
- Table of contents
- Footnote on NPDRS program

Executive Summary

- Most important section
- How to achieve recovery
- Critical preparations
- Economic importance

I. Introduction

- Nomenclature
- History of disease
- Range of pathogen
- Host range

II. Symptoms

- Description and color photos
- Symptoms of alternate hosts
- Life cycle of pathogen

III. Spread

- Pathogen movement in time and space
- Impact on quarantine
- Vector role if any
- How can spread be managed?

IV. Monitoring and Detection

- Capabilities of detection and diagnosis
- Surveys that are active
- Tools available (primers, etc.)
- NPDP & CAPS
- SOPs in place or in development

V. Response

VI. USDA Pathogen Permits

- Mandated by Plant Protection Act of 2000 and Agricultural Bioterrorism Protection Act of 2002
- Short description of programs
- Role of the programs in research and breeding efforts

VII. Economic Impact & Compensation

- Economic value of crop
- Portion of crop potentially affected
- Impact on yield and production
- Impact on producers, economy and trade
- Sociological and other impacts
- Compensation to growers

VIII. Mitigation and Disease Management

- Efficacious disease management tools
 - Genetic
 - Cultural
 - Chemical
 - Etc.
- IPM strategy

IX. Infrastructure and Experts

- Key facilities and research ongoing
- Current research information system
- Communication capabilities
- Industry's role and activities
- Listing of experts

X. Research, Extension, and Education Priorities

- Where research and extension dollars need to be concentrated
- Prioritization of needs
- Short and long term projects
- Extension and education needs for successful management

References and Web resources

- References – up to 20 recent and review articles
- Web resources – 5 to 10 authoritative web sites