Agenda for APS/USDA Workshop on

Review and Selection of Response Guidelines and Recovery Plans for the National Plant Disease Recovery System (NPDRS)

March 6-8, 2011 ◦ Dallas, Texas
Embassy Suites Dallas Park Central

The goal of the Workshop is to review completed recovery plans and response guidelines and discuss the selection of plant diseases, insects, and other pests for future plans and guidelines. These documents have been developed as part of the NPDRS which is mandated by Homeland Security Presidential Directive No. 9 (HSPD-9). Government decision-makers are the target audience but these documents are expected to be useful to research granting agencies, the National Plant Diagnostic Network (NPDN), and the USDA IPM Centers.

Sunday, March 6

8:00 to 10:00 p.m. Dessert reception		Addison/Denton Room

Monday, March 7

MC for Workshop in general and first day is Don Huber

7:00 a.m.	**Registration and complimentary Embassy Suites breakfast**	Breakfast area, reserved seating - Atrium
8:00 a.m.	**Welcome, introductions and meeting goals** Welcome from APS – Don Huber Welcome from USDA – Sheryl Kunickis	Richardson/Plano Room
8:15 a.m.	**Federal agency activities relevant to HSPD-9** (10 min./speaker) • USDA APHIS – Russ Bulluck • HHS NIH – Paul Lewis • USDA FS – Kerry Britton • USDA NIFA – Kitty Cardwell • EPA – Dan Rosenblatt • FBI – Neel Barnaby • USDA ARS – Deb Fravel	Richardson/Plano Room
9:45 a.m.	Break	Atrium
10:00 a.m.	**State and Industry activities relevant to recovery** (10 minutes per speaker) • National Plant Diagnostic Network (NPDN) – Carla Thomas, University California-Davis • National Institute for Microbial Forensics – Jacque Fletcher, Oklahoma State University • Kansas Biosecurity program – Jim Stack, Kansas State University • Crop Protection Industry – Ray McAllister, CropLife America	Richardson/Plano Room

10:45 a.m. **General preparations for new pathogens** (15 min./speaker) Richardson/Plano Room

- NPDRS Strategic Plan 2011 to 2015 – Kent Smith, USDA ARS
- Federal Interdepartmental Initiative "Know New Pathogens" – Kerry Britton, ITAP – PP
- National Culture Collection – Rick Bennett, University of Arkansas

11:30 a.m. **Breakout Session 1: Comments on NPDRS Strategic Plan and Know New Pathogens** Addison/Denton Room

Six workgroups will be convened, three for each document, self-selected, but hopefully of approximately equal sizes for the purpose of recommending corrections, additions, and answering the following questions:

1. Is the NPDRS Strategic Plan Suitable for this program? Are there any missing subject areas? Is the National Culture Collection adequately represented? Is the goal and review of NPDRS appropriate in the last section?
2. Know New Pathogens – What is lacking in the plan to enhance our national infrastructure and ability to predict, prevent, detect, and respond to new pathogens? Are there any sections that need better development?

12:00 p.m. Buffet Lunch Atrium

12:45 p.m. Break

1:00 p.m. **Recovery plans** (10 min./speaker) Richardson/Plano

- Introduction and background on recovery plans – Kent Smith, USDA ARS
- Laurel wilt of redbay *Raffaelea lauricola* – Bud Mayfield, USDA FS
- Rathayibacter poisoning *Rathayibacter toxicus* – Anne Vidaver, University of Nebraska
- Red leaf blotch of soybean *Phoma glycinicola* – Glen Hartman, USDA ARS
- Stem rust of wheat (Ug99) *Puccinia gra.m.inis* f. sp. *tritici* – Tim Murray, Washington State University

2:00 p.m. **Response guidelines** (about 10 minutes per speaker) Richardson/Plano

- Introduction and background on response guidelines – Russ Bulluck, USDA APHIS
- *Phytophthora* spp. – Karen Maguylo, NC State University
- Red palm weevil *Rhynchophorus ferrugineus* – Katherine Ka.m.minga, NC State University
- Huanglongbing *"Candidatus"* Liberibacter spp. – Stefano Costanzo, NC State University
- Temperate terrestrial gastropods – Alonso Suazo, NC State University

2:50 p.m. Break Addison/Denton Room

3:00 p.m. **Breakout session 2A: Review of response guidelines and recovery plans** Addison/Denton Room

Eight workgroups will be convened, one for each document, self-selected, but hopefully of approximately equal sizes for the purpose of recommending corrections, additions, and answering the following questions:

- Are the recommendations in the executive summary in the recovery plans focused enough?
- Are the subject categories in each document adequate and sufficiently developed?
- Are there missing components?
- Are the research, extension, and education priorities on target?

3:30 p.m.	**Breakout session 2B: Select another table and repeat process on another plan or guideline**	Addison/Denton Room
4:00 – 5:00 p.m.	**Summary and discussion on Breakout Sessions 1: NPDRS Strategic Plan and Know New Pathogens**	Richardson/Plano
5:30 – 8:00 p.m.	**Reception**	Addison/Denton Room

Tuesday, March 8

MC for second day is Doug Luster

7:00 a.m.	**Complimentary Embassy Suites breakfast**	Breakfast area, reserved seating - Atrium
8:00 a.m.	**Summary and discussion of Breakout Session 2: Review of NPDRS plans and guidelines**	Richardson/Plano
8:45 a.m.	**Martyn Method issues and concepts for plan selection –** Ray Martyn, Purdue University • Martyn Method matrix proposed with alternatives • Proposed pathogens to represent disease categories that are empty in matrix	Richardson/Plano
9:45 a.m.	**Other considerations for plan selection** • Considerations other than food and fiber security – Kitty Cardwell, USDA NIFA • Pennsylvania epidemiological crop groups – Forrest Nutter, Iowa State University	Richardson/Plano
10:15 a.m.	Break	Addison/Denton Room
10:30 a.m.	**Breakout session 3: Martyn method and proposed pathogens Evaluated** *Three workgroups of equal size convene to answer the following questions:* 1. Design of Martyn method matrix – Is the proposed matrix adequate? In what way would you change it? How should the other considerations be used? Can the Pennsylvania epidemiological crop groups be utilized? 2. Pathogens proposed for the Martyn matrix – Are these selections suitable? Would you propose others in place of those proposed? Are there other categories not mentioned and what pathogen would you propose to fill that category?	Addison/Denton Room
11:15 a.m.	**Summary and discussion on Breakout Sessions 3: The Martyn Method**	Richardson/Plano
12:00 p.m. 12:45 p.m.	Lunch Break	Atrium
1:00 p.m.	**New plan and guideline selection –** Doug Luster, USDA ARS • New Recovery plans • New Response guidelines	Richardson/Plano
2:45 p.m.	**Adjourn**	

Table 1. Economically Important Crops in the U.S. in 2008[1]

Crop	Acreage	Value ($)
1) Corn (grain & silage)	84,605,000	47,377,576,000
2) Soybeans	74,641,000	27,398,638,000
3) Hay	60,062,000	18,777,138,000
4) Wheat	55,685,000	16,568,211,000
5) Forest products	748,923,000	5,228,900,000[2]
6) Cotton (fiber & seed)	7,568,700	4,530,998,000
7) Floriculture crops	NA	4,038,012,000
8) Potatoes	1,045,700	3,899,136,000
9) Rice	2,976,000	3,390,666,000
10) Grapes	938,550	3,341,758,000
11) Citrus	841,000	3,216,982,000
12) Apples	349,890	2,599,499,000
13) Tomatoes	401,750	2,364,585,000
14) Almonds	615,000[2]	2,262,400,000
15) Lettuce	282,400	1,978,534,000
16) Strawberries	54,470	1,884,799,000
17) Cucurbits	446,760	1,697,507,000
18) Sorghum	7,697,000	1,681,558,000
19) Sugarbeets	1,004,600	1,526,209,000[2]
20) Tobacco	354,500	1,482,437,000
21) Brassicas	236,770	1,344,864,000
22) Barley	3,767,000	1,208,173,000
23) Sweet corn	593,380	1,083,050,000
24) Peanuts	1,507,000	1,051,658,000
25) Beans (dry)	1,445,200	975,469,000
26) Mushrooms	NA	963,522,000
27) Sugarcane	868,500	897,435,000[2]
28) Onions	153,490	865,442,000
29) Peppers	79,400	763,804,000
30) Sunflower	2,396,000	669,338,000
31) Peaches & Nectarines	156,300	646,971,000
32) Cherries (tart & sweet)	117,260	637,774,000
33) Carrots	89,440	634,111,000
34) Blueberries	60,180	593,381,000
35) Pistachios	115,000	550,440,000
36) Walnuts	216,000[2]	527,560,000

[1] Acreage and value of production in 2008 based on USDA *Agricultural Statistics 2009.*

[2] This data point taken from 2007 data in *Agricultural Statistics 2008*.