



National Plant Disease Recovery System - HSPD#9

U.S. EPA Role

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NPDRS Workshop

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PHSPD#9 and EPA

- Item 18B- “NPDRS shall include...pesticide control measures to prevent, slow or stop the spread of a high consequence plant disease....”



EPA Core Mission Related to Pesticides

- Provide Safe and Effective Pesticides Through Agency Licensing Program
- Ensure Protection of Human Health From Exposures to Pesticides – workers, treated foods, drinking water, residential uses
- Mitigate Risks to Non-target Species and Environment



Recent Regulatory Approvals by EPA Involved

- Soybean Rust
- Wheat Rust
- Sugarcane Rust
- Laurel Wilt
- Citrus Greening
- Brown Marmorated Stink Bugs
- Spotted Winged Drosophila



FIFRA Regulatory Avenues

- National Label (section 3 registration)
- Special Local Need (section 24c registration)
- Emergency Exemption (section 18)
- Addition of “New” Pest to Existing Label
(section 2(ee))



EPA Review Areas

- Toxicology
- Exposure
- Environmental Fate
- Ecological Toxicology
- Residue Chemistry
- Product Chemistry
- Product Formulation
- Efficacy



EPA Review Timelines

- New Ingredient – 24 Months
- First Food Use – 21 Months
- New Food Use – Old Chemical – 15 Months
- Amendment to Existing Label – 8 Months
- Emergency Exemption Request – 50 Days
- “Surprise” Emergency Exemption (aka Crisis)
– 1-2 Days



Information Sharing and Planning

- USDA, FDA, CDC, EPA
- State lead agencies
- Registrants
- Commodity Organizations, Professional Societies
- Extension and Producers
- IR-4



Quick Check List

- Is the “risk cup” ok?
- Residue data available (for food sites)?
- Based on concerns, is crop group tolerance appropriate?
- Is use pattern broad enough to control the pest?
- Is there need to pursue multiple modes of action?
- Is U.S. tolerance synced with international MRL?



Goals for Each Select Agent

- If Pesticide Needed – Initiate Trials to Determine Best Fit for Efficacy and Safety
- Collectively, Put Together Regulatory Approach to Address Gaps
- Short and Long-Term Thinking Needed
- Work toward an EPA Regulatory Decision and Tolerance – In Advance of Disease Control