



U.S. EPA Role

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Protecting Agriculture

- Water Security
- Food and Ag Decontamination
- Incident Response
- Laboratory Capability
- Intelligence



Key Accomplishments Consistent with HSPD 9

- Enhancements on water security
- Avian flu initiatives
- Carcass Disposal and Decon Strategic Planning
- Lab coordination
- NPDORS - Partnership



EPA's Core Mission Related to Pesticides

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



Pesticides and HSPD#9

- Item 18B – “NPDRS shall include... pesticide control measures to prevent, slow, or stop the spread of a high consequence plant disease, such as wheat smut or soybean rust.”
- Pesticide Licensing Program – Labels
- Food Safety Finding – Tolerances on Crop for Trade Purposes



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))



Pesticides Approved on NPDRS Cases

- Downy mildew – corn
- HLB of citrus (vector control)
- Laurel wilt – avocado (vector control)
- Rust – sugarcane
- Rust- soybean
- Rust - wheat



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)
– 2-3 Days



Examples of Current Emergency Exemption Cases

Bedbug on host



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Zebra mussels in pipes and aquatic life



Caribbean crazy ants in residential areas



Grasshoppers on corn



Green mold on mushroom spawn



Plate 22 - *Trichoderma*, the Forest Green Mold, contaminating the casing layer.

Aquatic weeds in irrigation canal



Lygus bug damage on strawberry



Downy mildew on basil





Collaboration = Success

- USDA, IR-4, DHS, FDA, CDC, EPA
- State lead agencies (DoA's, DEQ's, NASDA, etc.)
- Registrants
- Commodity Organizations
- Crop Advisers, Producers, Applicators
- Expert Societies



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
- May Involve Mix of Authorities Necessary for Covering Short and Long-Term Control Needs
- EPA Regulatory Decision and Tolerance – In Advance of Disease Control



Summary Points/Wrap Up

- EPA Plays Support Role to USDA, DHS and Others for HSPD#9
- Work is High Priority for EPA and Fits into Mission for Protection of Health and the Environment
- Up-Front Coordination In Advance of a Field Control Need is Critical
- EPA Interested in Scoping/Trouble-Shooting Options for Each Select Agent