

### NPDN's Rapid & Accurate Diagnostics in Support of Plant Production



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### Industry Needs You



**Regulation / Compliance / Noncompliance  
+ Stuff Happens = Risk**

- **Not Authorized Pending Pest Risk Analysis (NAPPRA)**
- **Controlled Import Permits (CIPs)**
- **Greater Expectations for Post Entry Quarantine (PEQ)**
- **Risk Based Sampling (RBS) at the Ports**

**USDA-APHIS-PPQ**



**Stuff Happens = Material Moves**



### The Enemy Within

**NPDN – Our 1<sup>st</sup> Responders**







- **First Reports**
- **State-level determinations**



### NPDN In Action

- **Boxwood Blight**
- **Impatiens Downy Mildew**
- **Rose Rosette Disease**



# Boxwood Blight

## Broadleaf Evergreen Ranking

- Nearly 2,000 production operations (1<sup>st</sup>)
- \$103 Million in sales in 2009 (2<sup>nd</sup> to Holly)
- 22 Billion Plants in production (1<sup>st</sup>)
- \$170 Million in production (1<sup>st</sup>)



## Doesn't Happen with NPDN

### Industry Education and Research Funding



Sharon Douglas, CAES



- **Multidirectional information flow among states and federal identifiers**



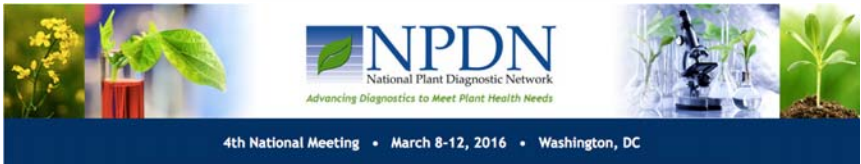
## Molecular Diagnostics

- If we look close enough we'll find something.
- Is it a pathogen or a symbiont?
- **TO BE (REGULATED) OR NOT TO BE (REGULATE)  
THAT IS THE QUESTION**

NPDN, NCPN, APHIS and Industry need to get this right and develop a protocol striking the right risk/benefit balance.

"With great power comes great responsibility"  
– Spiderman






The banner at the top of the slide features the NPDN logo (National Plant Diagnostic Network) with the tagline "Advancing Diagnostics to Meet Plant Health Needs". To the left of the logo are images of a yellow flower and a green leaf. To the right are images of a microscope and a green plant. Below the logo, a dark blue bar contains the text "4th National Meeting • March 8-12, 2016 • Washington, DC".

# Thank you

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The logo for Cornerstone Government Affairs, depicting a classical building facade with a central doorway.