

4/24/07 NPDRS St. Louis  
Forest & Ornamentals Pathogens Breakout  
Comments Recording Sheet

*Cronartium flaccidum*

Establishment possible

- Viability
- Means of dissemination
- Infection efficiency
- Reproductive potential
- Alternative hosts.
- Germplasm susceptible
- Germplasm distributed.
- Control available.
- Survive wide range of conditions.

A pathway for entry exists

- Arrives with frequency.
- Co-mingled
- Arrives in volume
- No detection
- Disseminated by inanimate objects

The risk of intentional introduction

- Pathogen easy to obtain.
- easy to grow.
- easy to handle.
- easy to transport.
- easy to deliver.

Social or psychological shock value

- Affect markets
- toxin
- Genetically altered.
- Affect natural resources, native plants

Direct or trade-related economic effects

- value of production
- Affect market (raw, processed food/feed, animals).
- Affect producers/consumers.
- Raise unit costs of production
- Close export markets

Public costs of monitoring for, eradicating, or managing

- Probability of early detection
- Time frame for eradication
- Cost of eradication
- Cost of monitoring/detecting
- Costs of managing
- Knowledge to manage
- Equipment and/or expertise to control

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*Thekopsora areolata*

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*Phytophthora kernoviae*

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*Phytophthora quercina*

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**ADDITIONAL PATHOGENS**  
Comments Recording Sheet

*Candidatus Phytoplasma mali*

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Citrus leprosis virus

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