

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
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Candidatus Phytoplasma mali

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Citrus leprosis virus

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