

Plant Disease Management Definition Anything that you can do to reduce the impact of disease · Integrated with other types of management

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Plant Disease Management The Disease Triangle **Susceptible Host Favorable Pathogen Environment** 4

Plant Disease Management R-E-P-E-A-T Resistance **Exclusion** Protection **Eradication** Avoidance Therapy



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Plant Disease Management Resistance

• Resistance can depend on plant "age" and plant part!

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Plant Disease Management Resistance

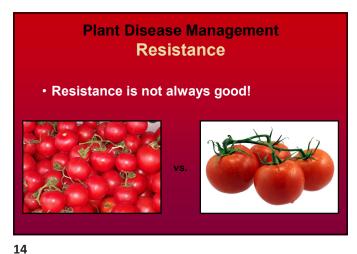
• Resistance may not be equally effective in all locations!

vs.



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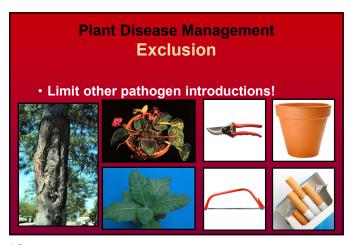


Plant Disease Management Exclusion

• Buy healthy seeds!



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Plant Disease Management
Protection

• Use as a last resort!
• Read pesticide labels!
• Use proper rates!
• Apply at the right times!
• Wear appropriate clothing!
• Alternate active ingredients!
• Get training!

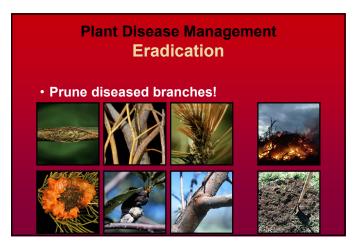
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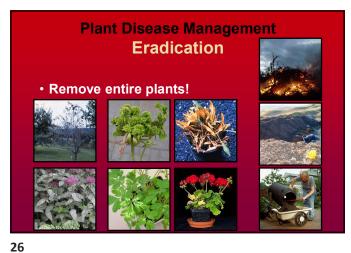
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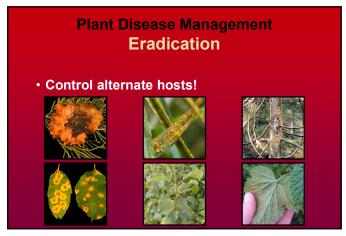




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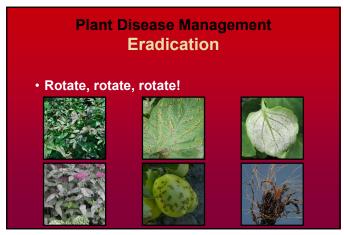








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Plant Disease Management
Avoidance

• DO NOT plant too early or too deeply!



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b

Plant Disease Management Avoidance

DO NOT water, heat or nutrient stress plants!







Plant Disease Management
Therapy

• Eliminating pathogens
from infected plants



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Plant Disease Management Putting It All Together

- · Figure out what diseases you have
- Figure out what management techniques work
- Integrate your disease management with other management needs
- DO NOT expect perfection
- Enjoy your garden (including the diseases)

Plant Disease Management Where to Go for Help

Plant Disease Diagnostics Clinic
Department of Plant Pathology
University of Wisconsin-Madison
1630 Linden Drive
Madison, WI 53706-1598
(608) 262-2863
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