

























Cultural practices

- Dissinfection of tools
- Removinmg and destroying infected plants
- Crop rotation
- Maniging soil pH, soil and plant nutrient statues
- Soil tillage
- Sopil residue management
- Manage nitrogen excess water application
- Excess water preassure during seedling production



Biological Control

- Use of antagonistic microorganisms to control plant pathogenic bacteria
 - Lack of efficacyvand environmental constrains
 - Bacteriophages: Viruses that infect and kill bacteria (ex X. euvesicatoria

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Genetic Resistance

- · Most effective way to manage
- Induce Resistance (Actigard?)

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Use of Immunostrips

After Confirmation in the Field

- Regulate employees, personnel working in an infected field must disinfect their hands, arms, and shoes (use Clorox or isopropyl alcohol).
- All field equipment must be rinsed in 10% Clorox to avoid carrying infectious plant materials and/or soil into a clean field.
- Start work first in fields were no bacterial disease was detected and disinfect their hands when moving to other fields.
- Rogue and burn all infected plants to prevent harvesting fruit and contaminating other seed lots. When removing plants avoid direct contact with the plants.
- Flag/mark infected fields and instruct growers to work in these fields last







