

# Diseases of Vegetables



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**Plant Disease Diagnostician**

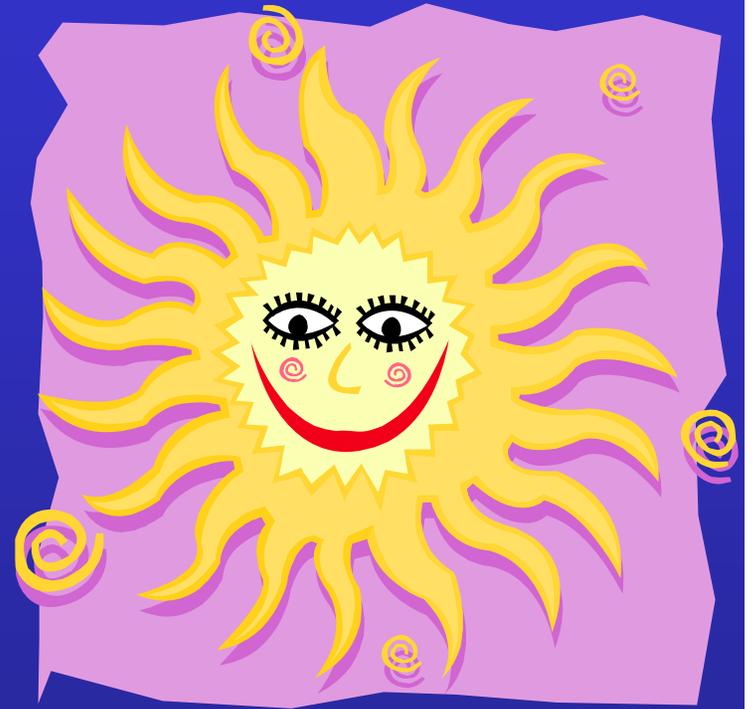
# Cultural Procedures

- Planting Date
- Resistant Varieties
- Irrigation Management
- Proper Fertilization
- Good Seed
- Weed Control



# Solarization

- Till soil
- Irrigate
- Cover with clear plastic
- 6 weeks mid-summer
- Eliminates weed seed
- Reduces many pathogens and nematodes



# Blossom End Rot



# Blossom End Rot

- Even soil Moisture
- Mulch
- Variety

# Curly Top Virus



# Curly Top Virus

- Vectored by sugar beet leafhopper
- Plant one for insects, one for disease and one for yourself.
- Shade plants

# Tomato Spotted Wilt Virus



# Verticillium Wilt





Verticillium Wilt or  
Early Die



Verticillium  
Wilt

# Verticillium Wilt

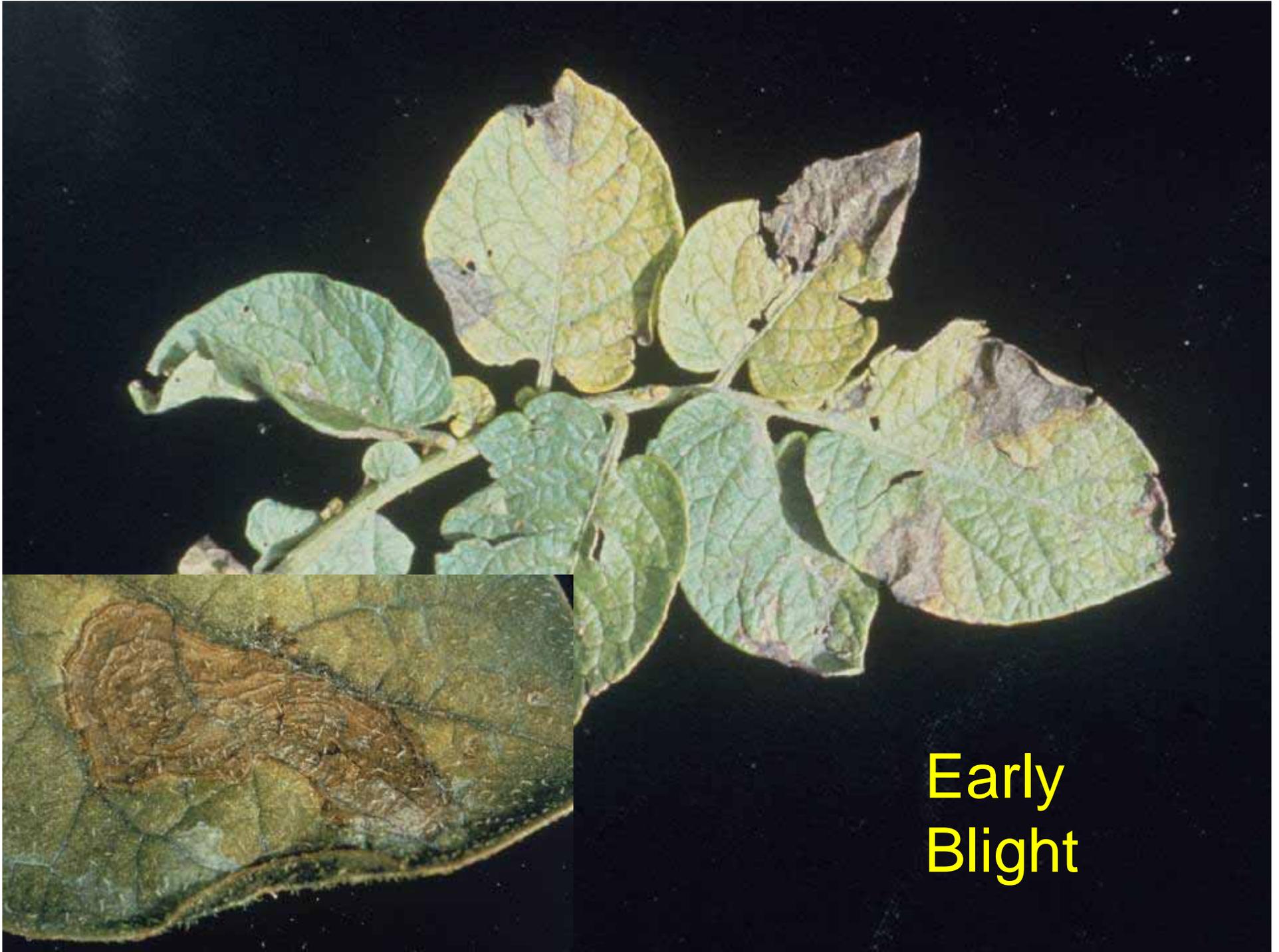
- Select Resistant Cultivars

# Cold Storage of Potato





Nitrogen

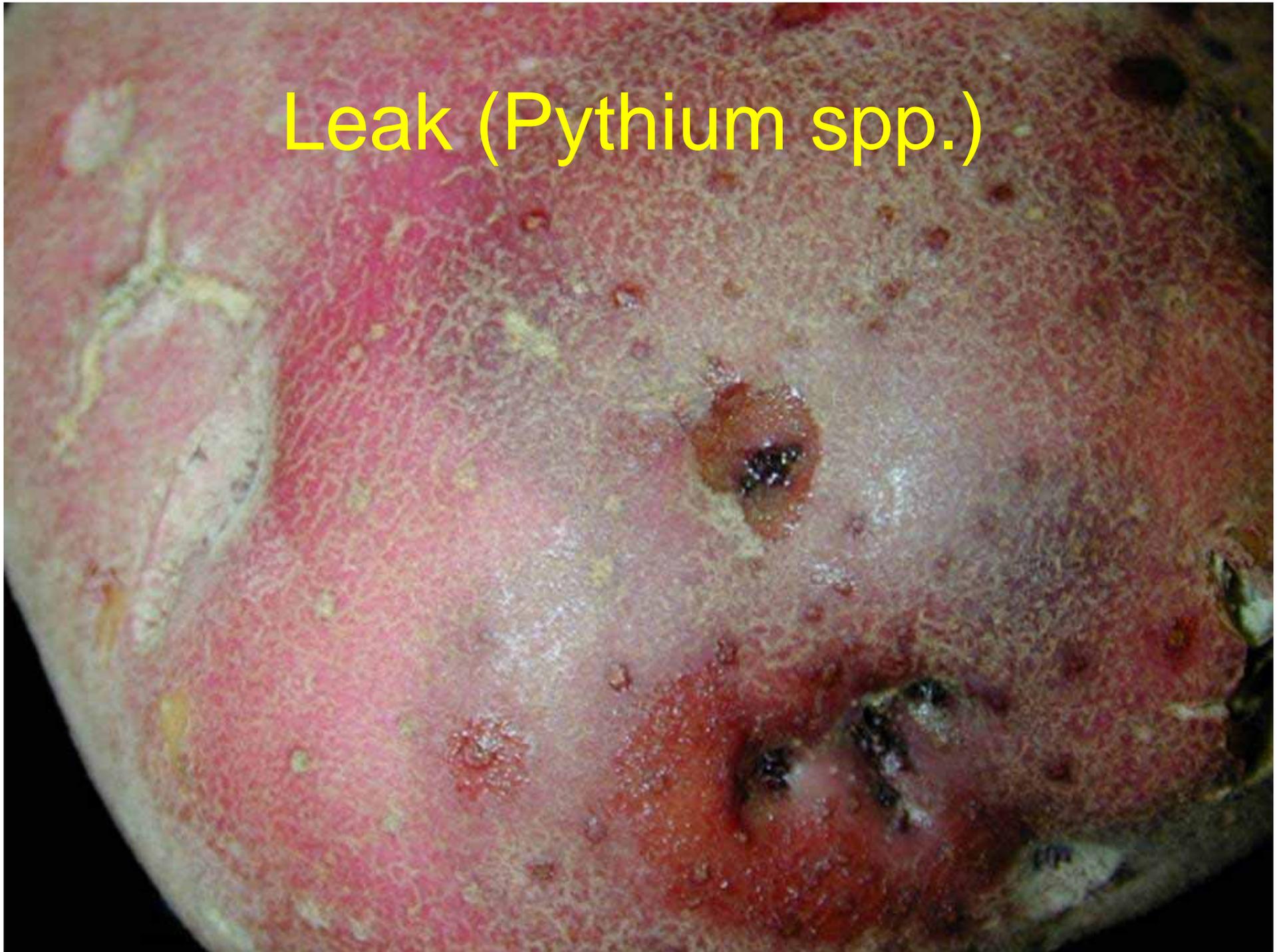


Early  
Blight

# Late Blight



Leak (Pythium spp.)





Leaf Roll Virus Aphids



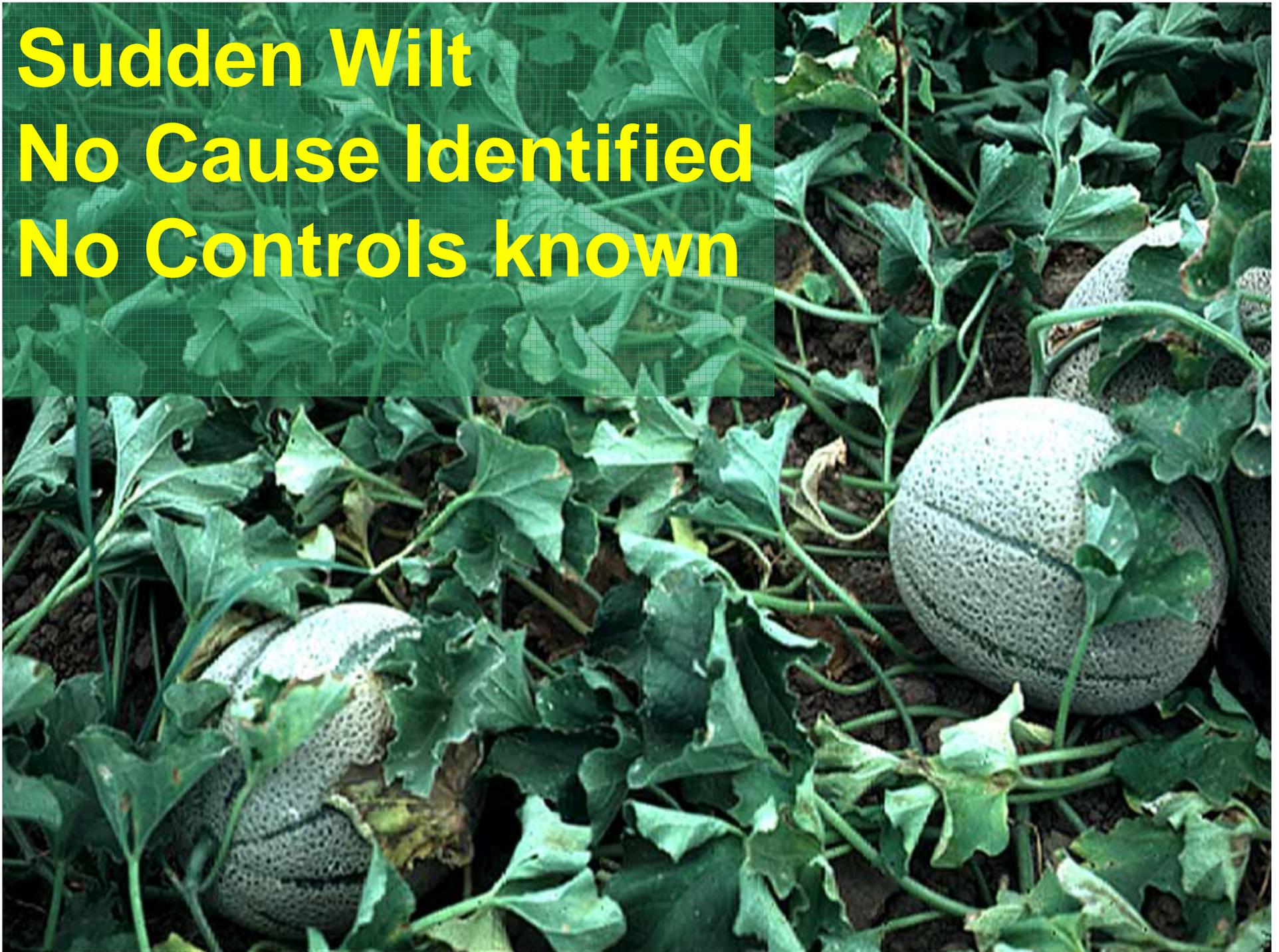
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Certified

# Corn Smut



**Sudden Wilt**  
**No Cause Identified**  
**No Controls known**



Powdery Mildew



# Powdery Mildew Control

- Select resistant plants
- Wide spacing
- Remove inoculum sources
- Fungicide sprays
  - Funginex      Sulfur
  - Bayleton     Halt
- Bicarbonates

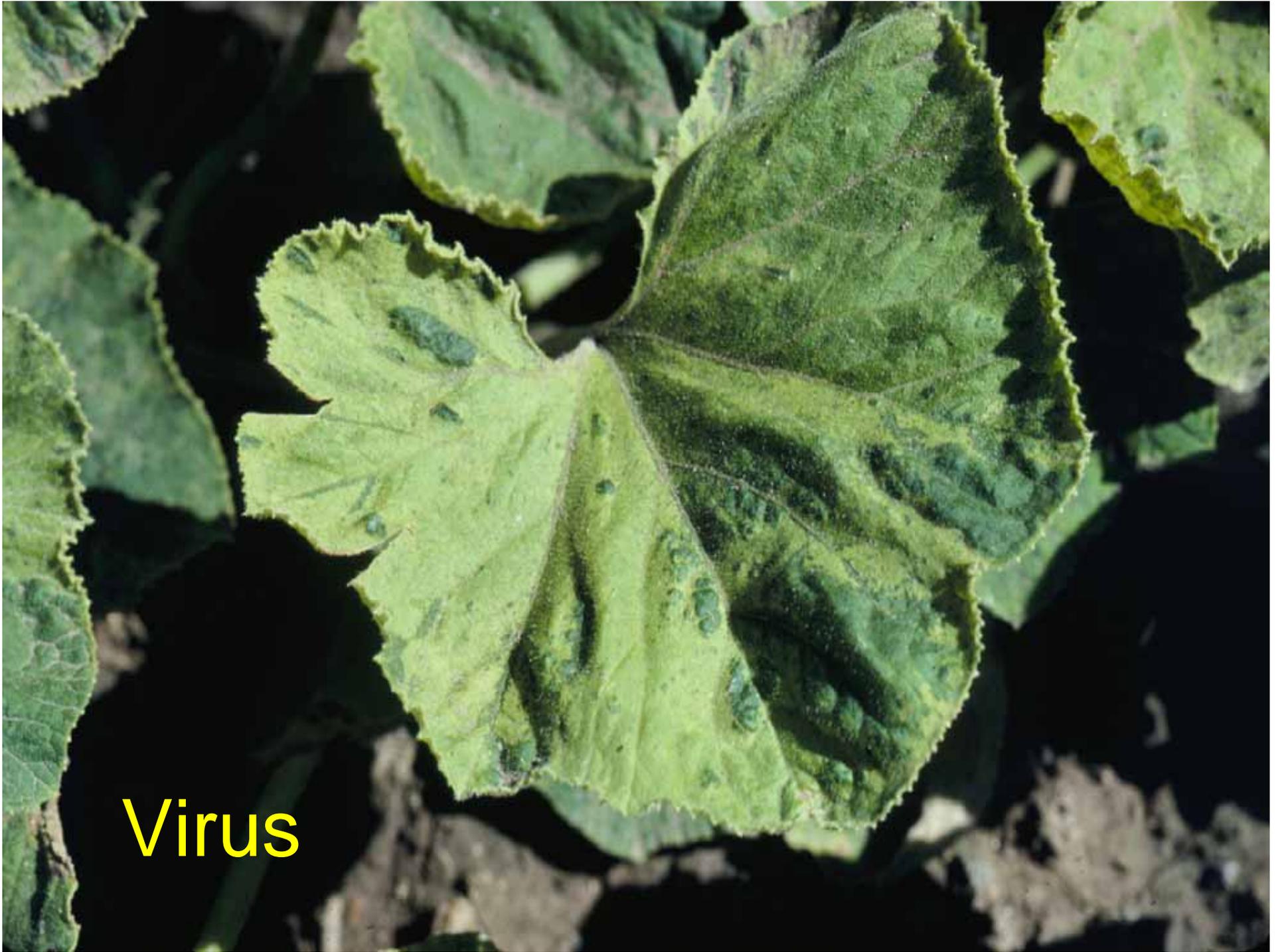


## **Buckeye Rot– *Phytophthora* spp.**

**-Reduce irrigation to fruit**

**-Space plants to increase air flow**





**Virus**





**Stinkbug Damage**