Diseases

- Leaf Diseases
  - Early blight
  - Septoria leaf spot
  - Bacterial speck/spot

- Viruses
  - Tomato mosaic
  - Tomato spotted wilt

- Wilts
  - Fusarium/Verticillium
**Wilts**

- Fusarium wilt, image by Edward Sikora, Auburn University, Bugwood.org
- Verticillium wilt, image by Gerald Holmes, Strawberry Center, Cal Poly San Luis Obispo, Bugwood.org

**Leaf Diseases**

- Keep foliage dry – irrigation, dew, rain
- Fungicide spray program
- In fall:
  - Discard heavily infected plants - don’t compost
  - 3-4 year rotation

**Viruses & Wilts**

- Remove infected plants ASAP
- Next year
  - Resistant cultivars – Verticillium (V), Fusarium (F₁, F₂)
- Wilts – 3 to 4 year rotation at minimum

**Insects**

- Two-spotted spider mites

**Fruit Damage**

- Hornworms
- Fruitworms, aka corn earworm
- Stink bugs

**Leaf Damage**

- Two-spotted spider mites, image by Ric Bessin, University of Kentucky Entomology
Fruit Damage

Garden Pest Control Products

Insecticides:
- Carbaryl (Sevin)
- Permethrin (Eight)
- Spinosad (Monterey Garden Insect Spray, Captain Jack’s Dead Bug Brew)
- Bacillus thuringiensis (Monterey BT, Bonide BT)

Fungicides:
- Liquid copper (Bonide Liquid Copper)
- Chlorothalonil (Bonide Fung-anil, Fertilome Broad Spectrum Landscape & Garden Fungicide)
- Mancozeb (Bonide Mancozeb)
- Neem oil (Bonide Neem Oil, Garden Safe Fungicide-3, Garden Safe Neem Oil Extract)

Abiotic Problems

GROBigRed Virtual Learning Series
Tuesdays @ 7pm CDT | Free | Via Zoom
Join the experts from Nebraska Extension to learn and ask questions about:
Vegetable Gardens
- 7/9: “What’s happening in your garden?”
- 7/21: Fall Gardening
- 7/28: Tomato Troubles
- 8/4: Preserving the Harvest
Trees
- 8/11: Tree Problems
- 8/25: Tree Selection
- 9/1: Tree Planting
- 9/8: Tree Care
- 9/15: Cover Crops
- 9/22: Composting
- 9/29: Putting Your Garden to Bed for Winter

Register: https://go.unl.edu/grobieredvirtual