Diseases in the Garden
Tomato Blights

Diseases in the Garden
Common Corn Smut

Diseases in the Garden
Rhizosphaera Needle Cast

Diseases in the Garden
Tar Spot

Diseases in the Garden
Verticillium Wilt

Diseases in the Garden
Black Knot

http://www.uky.edu/Ag/kpn/kpn_09/pn_090714.html
Diseases in the Garden

**Apple Scab**

**“Cedar-Apple” Rusts**

Diseases in the Garden

**Abiotic Disorders**

- Chlorosis
- Imprelis Injury
- Salt Damage
- Blossom End Rot
- 2,4-D Injury
- Urine Damage
- Cold Injury
- Drought Stress
- Heat Injury
- Winter Injury
- Improper Planting

Diseases in the Garden

**Non-Diseases: Fungi/Fungi Allies**

- Giant Puffballs
- Stink Horns
- Bird’s Nest Fungi
- Lichens
- Slime Mold

Diseases in the Garden

**Non-Diseases: Insects**

- Maple Eyespot Gall
- Spindle Galls
- Broad Mite Injury
- Velvet Gall

**Chlorosis**

**Imprelis Injury**

**Salt Damage**

**Blossom End Rot**

**2,4-D Injury**

**Urine Damage**

**Cold Injury**

**Drought Stress**

**Heat Injury**

**Winter Injury**

**Improper Planting**
Diseases in the Garden Management

- Select the right plant for the right place
  - Hardiness
  - Environmental requirements
  - Alternate hosts
  - Disease resistance
- Select healthy plants
  - Transplants
  - Seeds

- Diversify and rotate
- Plant properly
- Mulch properly
  - Type
  - Amount
- Fertilize properly
  - Amount
  - Timing

Diseases in the Garden Management

- Water properly
  - Source
  - Amount
  - Delivery method
- Prune and thin routinely
- Control weeds

- Clean up in the autumn
  - Burn
  - Bury
  - Compost
- Decontaminate gardening materials
  - Pruning tools
  - Pots and working surfaces
  - Soil

Diseases in the Garden Management

- Fungicides/bactericides are a last resort
  - Chemical
  - Biological

Diseases in the Garden 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
pddc@plantpath.wisc.edu
http://pddc.wisc.edu
Follow the clinic on Twitter @UWPDDC