2005 CMDC
Late Season Clinic – Tamra Jackson
**Anthracnose Stalk Rot**
- 3 phases
  - Leaf blight
  - Top die back
  - Stalk rot
- Shiny black lesions
- 20-35% yield loss
- Resistance

**Gibberella Stalk and Ear Rot**
- *Gibberella zeae*
  - Red pigmentation
  - Black perithecia
  - Mycotoxin
- Cool, wet weather
- Resistance

**Fusarium Stalk and Ear Rot**
- *Fusarium spp.*
- Pink pigmentation
- Starburst patterns on kernels
- Hot, dry weather
- Fumonisn toxin

**Diplodia Stalk and Ear Rot**
- Wet weather after silking
  - *Stenocarpella maydis*
  - Base of ear
  - Mummy ears
  - Black pycnidia
**Charcoal Rot**
- Warm, dry weather
- *Macrophomina phaseolina*
- Black sclerotia
- Wide host range

**Bacterial Stalk Rot**
- Midseason
- Wide host range
- Surface water irrigation
- Foul odor!