Accurate Diagnosis is Critical

- **Fungal Diseases**
  - can be managed with foliar fungicides
  - Gray leaf spot
  - Common rust
  - Southern rust
  - Eyespot
  - Anthracnose

- **Bacterial Diseases**
  - CAN'T be managed with foliar fungicides
  - Goss's wilt & blight
  - Holcus spot
  - Chocolate spot
  - Erwinia stalk rot

Accurate Diagnosis is Critical

- Differentiating difficult diseases
  - Purple leaf sheath
  - Genetic disease lesion mimic
  - Common rust
  - Southern rust
  - Physoderma brown spot

Effects of Fungicides

- Reduced disease
  - Slowed progression
- Increased yield
  - Substantial disease
  - Improved standability

Fungicide Application Timing

- Reduced disease
  - Slowed progression
  - Increased yield
  - Substantial disease
  - Improved standability