

Common Rust



Common Rust

Pustules (uredinia)

- halos occur less regularly than southern rust
- cinnamon and elongated
- both leaf surfaces

Environment

- cooler temperatures <80° and moist conditions

General Rust Management

- Variety selection more of an option for common rust
 - Can play a minor role for southern rust
- Follow the Puccinia pathway
 - IPM PiPe website: <http://www.ipmpipe.org/>
- Scout and properly identify
 - MU Lab: <http://plantclinic.missouri.edu/>
 - IPM Guide: <http://extension.missouri.edu/p/ipm1001>

Southern Rust

- Yield loss associated with early onset of disease
- Fungicide application timing critical R1 (Silk) – R3 (Milk)
- Refer to fungicide efficacy chart: <https://www.extension.purdue.edu/extmedia/bp/bp-160-w.pdf>

Southern Rust



Southern Rust

Pustules (uredinia)

- yellow halos
- orange and circular-oval
- upper leaf surface

Environment

- “tropical weather” ≥80°,
- high humidity and moist conditions