Managing New and Emerging Diseases, Insects and Weed Problems - Giesler
Managing New and Emerging Disease, Insect and Weed Problems

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Sudden Death Syndrome (SDS)

Management

➢ Avoid early planting
➢ Variety selection
➢ Seed treatments have not shown to be effective.

Soybean Rust Update

sbrusa.net

2009SMFDDisease001

2009SMFDDisease002

2009SMFDDisease003
Ave. yield: 12 infested sites
- Resistant varieties: 51.9 bu/A
- Susceptible varieties: 46.1 bu/A

Ave. yield: 4 non-infested sites
- Resistant varieties: 57.1 bu/A
- Susceptible varieties: 58.8 bu/A

Egg counts at 12 infested sites
(eggs per 100 cc's of soil)

Egg count: susceptible varieties
- Spring: 1,964 eggs
- Fall: 4,515 eggs + 130%

Egg count: resistant varieties
- Spring: 2,578 eggs
- Fall: 1,318 eggs - 49%
Field Population Variability

2009CMDC-Giesler007