# 2009 SMFD Managing New and Emerging Diseases, Insects and Weed Problems - Giesler

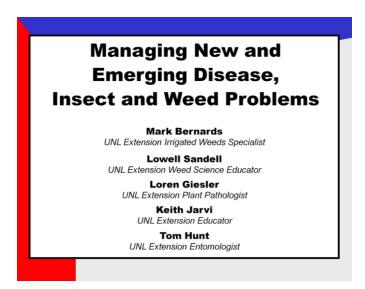
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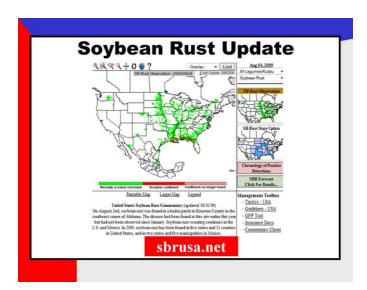
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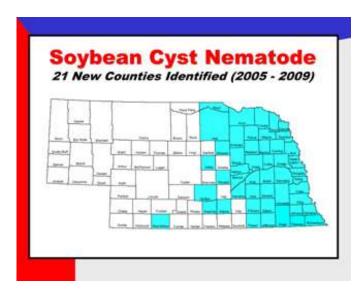
## 2009SMFDDisease001



2009SMFDDisease003



2009SMFDDisease002



2009CMDC-Giesler001



2009CMDC-Giesler003

# **WEED HOSTS**

### **Most Common:**

- · Henbit\*, Field Pennycress\*, Purslane
- Common Chickweed\*, Common Mullein,
   Pokeweed, Sericea Lespedeza, Wild Mustard\*
- \* may grow as a winter annual

### Management:

 SCN-infested fields with the weeds listed above should be considered a priority for weed control measures.

2009CMDC-Giesler002



2009CMDC-Giesler004

# **UNL SCN RESEARCH**

2006 - 2008

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

2009CMDC-Giesler005

# **UNL SCN RESEARCH**

2006 - 2008

Egg counts at 12 infested sites

(eggs per 100 cc's of soil)

Egg count: susceptible varieties

Spring: 1,964 eggs

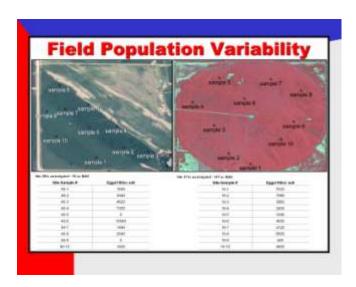
• Fall: 4,515 eggs + 130%

Egg count: resistant varieties

Spring: 2,578 eggs

• Fall: 1,318 eggs - 49%

2009CMDC-Giesler006



2009CMDC-Giesler007