

2006 CMDC

Nematodes

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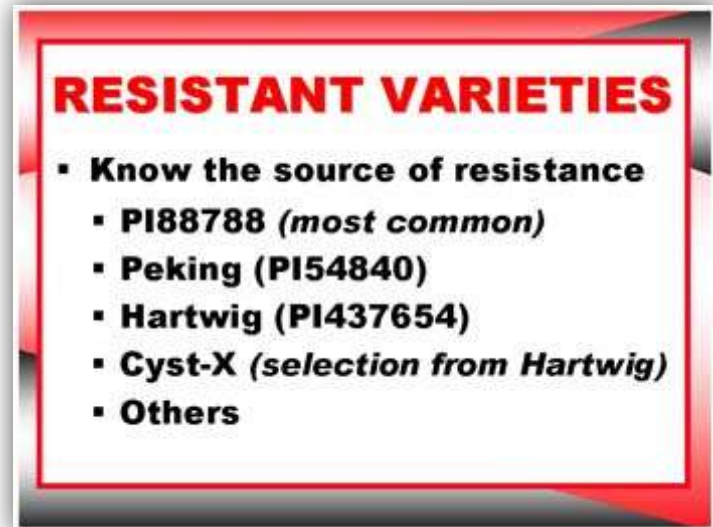
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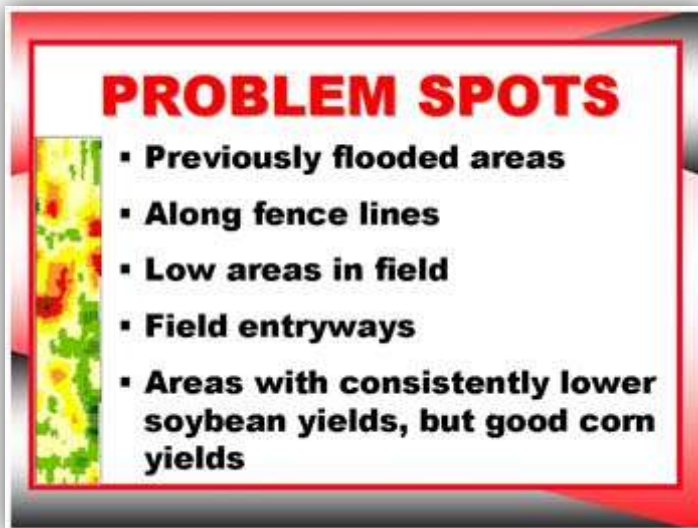
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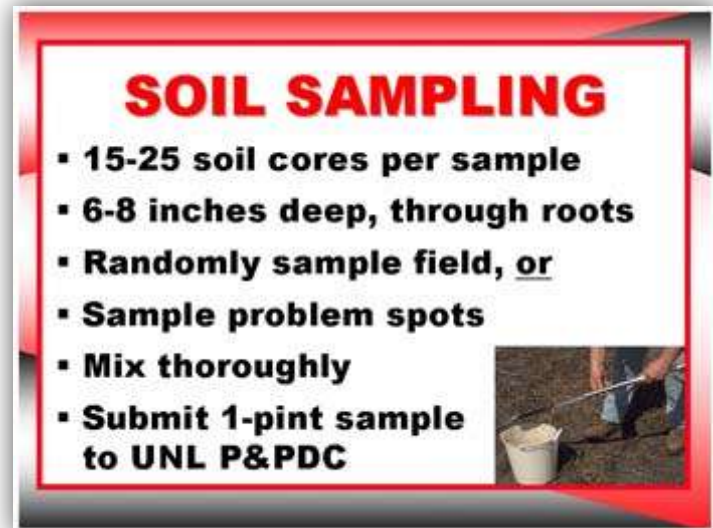
2006cmdcjuly-nematodes001



2006cmdcjuly-nematodes002



2006cmdcjuly-nematodes003



2006cmdcjuly-nematodes004

UNL SCN RESEARCH

1999 - 2004

- **Average yield - 12 infested sites**
 - Resistant varieties: **47.4 bu/A**
 - Susceptible varieties: **42.4 bu/A**
- **Average yield - 6 non-infested sites**
 - Resistant varieties: **58.9 bu/A**
 - Susceptible varieties: **59.5 bu/A**

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UNL SCN RESEARCH

1999 - 2004

- **Egg counts - 12 infested sites**
 - Counts: eggs per 100 cc's of soil
- **Average spring SCN egg count**
 - All plots: ~ **600 eggs**
- **Average fall SCN egg count**
 - Resistant variety plots: **491eggs**
 - Susceptible variety plots: **1,823 eggs**

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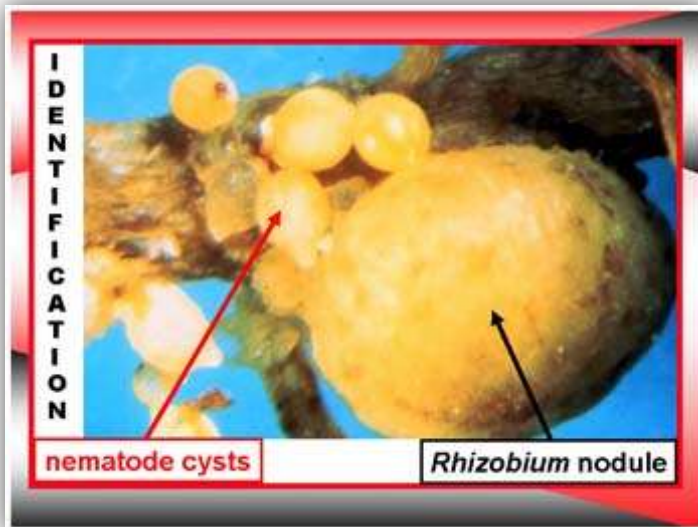
SCN in Nebraska

New Counties (2005)

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SCN Life Cycle

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2006cmdcjuly-nematodes009



2006cmdcjuly-nematodes010



2006cmdcjuly-nematodes011



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SANITATION

- **Clean equipment between fields**
- **Don't use bin run seed**
- **Plant/till SCN infested fields last**
- **Minimize soil movement within and between fields**

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ROTATION

- **Year 1 – Non-host Crop**
- **Year 2 – *Resistant Variety****
- **Year 3 – Non-host Crop**
- **Year 4 – *Resistant Variety****
- **Year 5 – Non-host Crop**
- **Year 6 – *Resistant Variety****

** -- Know the source of resistance and rotate to a different source than you used the last time you planted soybeans.*

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