Insects Affecting Switchgrass

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Switchgrass Insects

- Few arthropods are known to seriously damage switchgrass
- Mostly prairie species inhabiting the Northern Great Plains

Sampling for Switchgrass Insects

Potential Switchgrass Pests

- Grasshoppers
- Chinch bugs
- Armyworms
- Cutworms
- Stalk borers
- Switchgrass moth

- Aphids: GB, YSA
- Gall midges
- White grubs
- Billbugs
- Wireworms
- Thrips
Switchgrass Insect Management

- Biology, behavior and damage
- Accurate identification
- Early detection (monitoring)
- Effective control

Switchgrass Insecticides

**Pyrethroids:**
- Cyfluthrin (Baythroid)
- Cyhalothrin (Warrior)
- Cypermethrin (Mustang)
- Deltamethrin (Dolta Gold)

**Biologicals:**
- Azadirachtin (Neem)
- Bt (Dipel)
- Spinosad (Tracer)

**OPs & Carbamates:**
- Carbaryl (Sevin)
- Malathion

**Newer Chemistry:**
- Chlorantraniliprole (Prevathon)
- Methoxyfenozide (Intrepid)

*No neonicotinoids currently labeled for switchgrass.*

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