

**Defoliators** 

# SUNFLOWER AGRONOMY



# **E**NSA

Identification of Common Insects on Sunflowers in Manitoba

# Sunflower Beetle



Adult

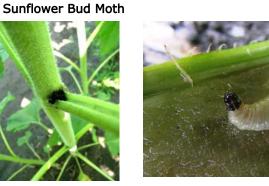


Larva

# Thistle Caterpillar



(produces silk webbing on leaves)



Feces in leaf axil from larva

Larva



Adult

## Sunflower Maggot



Larvae commonly found in stem

# Sunflower Receptacle Maggot





Adult

## Black Sunflower Stem Weevil

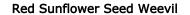




Pupa on sunflower head

#### Aphids on sunflower leaf







Lygus Bugs



Nymph



Adult

#### **Banded Sunflower Moth**



Larvae can have several color forms



Adult (Dark triangular patch)

# Chlamydatus associatus or "Black Plant Bug"



*Do not confuse with Lygus Not known to be economical* 

# Thrips



*Common some years Not known to be economical* 

# Minute Pirate Bug



Adult (Predator)

# Top Red Sunflower Seed Weevil Bottom Minute Pirate Bug Nymphs



Minute pirate bugs eat insect eggs, small caterpillars, thrips etc. Do not confuse with seed weevils.

Lady Beetle





# Long-Legged Fly



Adult flies prey on small insects

#### Parasitic Wasps



