## CHECK THE NET

THE OILSEED AVENGERS

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## Green lacewing

ID: Adults are green with wing veins that look like netting. Some have gold eyes.

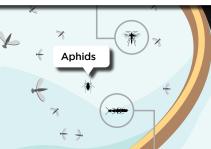
Super power: Beneficial predator of aphids, thrips, mites, and leafhopper eggs.



## Diadegma insulares

ID: Small (6 mm) ichneumonid wasp with reddish-brown legs and abdomen.

Super power: Beneficial parasitoid of diamondback moth.



## Lady beetle

ID: Larvae are alligator-like in shape; black with white, yellow, red or orange markings.

Super power: Beneficial predator of aphids, thrips, mites and other small insects.



### Rove beetle

ID: Adults are slender with short wings; 3-6 segments of the abdomen may not be covered by the wings. Look for under debris on soil.

Super power: Beneficial predator of root maggot eggs and larvae; larvae parasitize root maggot pupae. FIELD HEROES



## **Damsel bugs**

ID: Long and slender, often light brown. with enlarged front legs.

Super power: Kills and sucks fluid out of caterpillars, aphids and other insects.



**FIELD** 

### Bee

ID: Honey bees have a distinctive barrel-shaped body; they are generally golden yellow with brown bands and covered in small hairs.

Super power: Adults of many species of honey bees and wild bees pollinate canola, sunflowers and other oilseed crops.



FIELD

THINK BENEFICIALS **BEFORE YOU SPRAY** 

POWERED BY: **WGRF** 

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## CHECK THE NET THE OILSEED **AVENGERS**

# couting

- Scout fields weekly in season to check for the number of insects and species present in your crop.
- Get a sweep-net to capture elusive insects that can't be monitored any other way.
- Sweep a minimum of five locations in fields less than 100 acres; sweep 10 locations in fields greater than 100 acres.
- Swing the net from side to side through a dry crop canopy in a full 180-degree arc with the top of the net at crop height.
- Empty the net into a plastic bag or bottle for closer examination.
- Don't freak out a sweep-net can yield hundreds of insects, especially in a flowering crop on a hot day.
- Evaluate what's in your net are they pollinators, insect predators, parasitoids or insect pests?
- Know who's working for you you don't have to identify everything in your net but get to know your most common beneficial insects so that you don't confuse them with damaging insect pests.
- Make an informed decision sweep-net sampling can help you decide to spray right away or give you information that suggests more scouting is needed. In some cases, counting insects will tell you if a spray is economical; in other cases, you'll also need to estimate percent defoliation to determine if a spray is warranted.

Learn more about the Oilseed Avengers at fieldheroes.ca



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