

### Use this Form to Scout Pollinators & Pests

- Fill out the General Info section (p.1)
- Scout the same field once a week for 3 weeks. Record your results (p. 2-4).
- As you scout, count all bees and cucumber beetles on 25 flowers on 1 side of your field. Count 1 flower per plant.
- Familiarize yourself with the 6 Scouting Categories below.
- Tally your count into the 6 categories.
- Repeat this on 3 other sides of your field for a total of 4 repetitions. Where it's hard to access all 4 sides, separate your observation repetitions by at least 20m

### Submit Your Results

After completing the 3 scouting sessions, please scan/photograph each page and send it via email or mail to Susan Chan: dchan05@uoguelph.ca or P.O. Box 337, Lakefield, ON K9L 2H0

### Receive Recommendations

After we have reviewed your scouting data, we will send recommendations regarding your pollinator management decisions to the email or mailing address you provide in "General Info"

## General Info

### First & Last Name

### Email (Your pollinator recommendations will be sent to this email)

### Mailing Address (If no email address is provided, we will mail your pollinator recommendations to this mailing address)

### Agricultural Region in Ontario (ie. County/Municipality Name)

### Crop Name (ie. What crop is growing in the field you're scouting?)

**Pest Management System**    No Pesticides    Pesticides applied on schedule    Pesticides applied at economic threshold (IPM)

**What Are You Scouting For?**    Pollinators & Pests (Cucumber Beetles)    Pollinators Only

## Scouting Categories



### Bumble Bee

- Large, rectangular shaped body
- Yellow, orange & black colouring
- Hairy thorax & abdomen



### Honey Bee

- Squash bee sized
- Antennae shorter than Squash bee
- Elongated abdomen
- Pollen carried in balls secured to back legs



### Other Wild Bees

A general category containing all wild bees (excluding Squash & Bumble Bees). These bees are relatively small and come in various colours.



### Squash Bee

- Honey bee sized
- Very long antennae
- Abdomen less pointy than honey bee
- Pollen carried along hairy back legs



### Cucumber Beetle

- Much smaller than bees (0.25 in long)
- Yellow with black stripes



### Other/Unknown

All other insects that don't fall under the main categories (Squash Bees, Honey Bees, Bumble Bees, Cucumber Beetles)

# Scouting Session (Week 1 of 3)

Date

Time of Day

(Start scouting sometime between 6am & 9am)

Weather

TEMPERATURE

- <5 °C ⚠️
- 6-13 °C ⚠️
- 14-20 °C
- 21-30 °C
- >30 °C ⚠️

CLOUD COVER

- 0%
- 25%
- 50%
- 75% ⚠️
- 100% ⚠️








PRECIPITATION

- None
- Light ⚠️
- Moderate ⚠️
- Heavy ⚠️
- Extreme ⚠️

WIND

- None
- Light
- Moderate ⚠️
- Heavy ⚠️
- Extreme ⚠️

⚠️ You may not get an accurate assessment of pollinator force in these conditions.

						
	Squash Bee	Bumble Bee	Honey Bee	Other Wild Bees	Cucumber Beetle	Other/Unknown
<p><b>Repetition 1 of 4</b></p> <p>Count insects on 25 flowers along the <b>1st side</b> of the field.</p>						
<p><b>Repetition 2 of 4</b></p> <p>Count insects on 25 flowers along the <b>2nd side</b> of the field.</p>						
<p><b>Repetition 3 of 4</b></p> <p>Count insects on 25 flowers along the <b>3rd side</b> of the field.</p>						
<p><b>Repetition 4 of 4</b></p> <p>Count insects on 25 flowers along the <b>last side</b> of the field.</p>						
<p><b>Category Totals</b></p>						

# Scouting Session (Week 2 of 3)

Date

Time of Day

(Start scouting sometime between 6am & 9am)

Weather

TEMPERATURE

- <5 °C ⚠️
- 6-13 °C ⚠️
- 14-20 °C
- 21-30 °C
- >30 °C ⚠️

CLOUD COVER

- 0%
- 25%
- 50%
- 75% ⚠️
- 100% ⚠️








PRECIPITATION

- None
- Light ⚠️
- Moderate ⚠️
- Heavy ⚠️
- Extreme ⚠️

WIND

- None
- Light
- Moderate ⚠️
- Heavy ⚠️
- Extreme ⚠️

⚠️ You may not get an accurate assessment of pollinator force in these conditions.

						
	Squash Bee	Bumble Bee	Honey Bee	Other Wild Bees	Cucumber Beetle	Other/Unknown
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<p><b>Repetition 3 of 4</b></p> <p>Count insects on 25 flowers along the <b>3rd side</b> of the field.</p>						
<p><b>Repetition 4 of 4</b></p> <p>Count insects on 25 flowers along the <b>last side</b> of the field.</p>						
<p><b>Category Totals</b></p>						

# Scouting Session (Week 3 of 3)

Date

Time of Day

(Start scouting sometime between 6am & 9am)

Weather

TEMPERATURE

- <5 °C ⚠️
- 6-13 °C ⚠️
- 14-20 °C
- 21-30 °C
- >30 °C ⚠️

CLOUD COVER

- 0%
- 25%
- 50%
- 75% ⚠️
- 100% ⚠️








PRECIPITATION

- None
- Light ⚠️
- Moderate ⚠️
- Heavy ⚠️
- Extreme ⚠️

WIND

- None
- Light
- Moderate ⚠️
- Heavy ⚠️
- Extreme ⚠️

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<p><b>Category Totals</b></p>						