AN ECONOMICAL INSECTICIDE FOR FLEA BEETLE AND CUTWORM CONTROL

WHAT IS POUNCE?

Pounce® 384EC insecticide is an economical, reliable solution for control of flea beetles in canola. It is also very effective on cutworms in major Western Canadian crops, such as canola, cereals, corn, flax, lentils, peas and sunflowers.

The active ingredient in Pounce is permethrin – a synthetic pyrethroid that is very stable in light, which means it will not break down quickly when applied on the surface of the soil.

WHY USE POUNCE?

It provides cost effective flea beetle control

Pounce provides great value for growers looking for flea beetle control in canola. And it performs as well as standard insecticides at the flea beetle rate of 160 acres per 10 L jug.

It works great on cutworm

Pounce is more stable in light than other synthetic pyrethroids, which means it does not break down quickly and will provide control of soil insects like cutworm for a longer period of time. The benefit is better protection of crop stands with less stand reduction and fewer cut plants.

% Stand Reduction
28 days after application

% Cut Plants
10 days after application

Average of two FMC trials
WHAT RATE SHOULD YOU USE?

**Flea beetles:** 62 ml/acre (160 acres per 10 L jug)

**Cutworm:** 125 ml/acre (80 acres per 10 L jug)

**Cabbage looper, Diamondback moth, Imported cabbage worm:**
71 ml/acre (140 acres per 10 L jug)

**European corn borer:** 144 ml/acre* (70 acres per 10 L jug)
*Rate valid for sweet corn

**Tarnished plant bug (Lygus bug):** 100 ml/acre (100 acres per 10 L jug)

Timing of application depends on insect thresholds.

OTHER INFORMATION

- **Package Size:** 2 x 10 L jugs per case
- **Re-entry Interval:** Once spray deposit has dried
- **Pre-harvest Interval:** Varies by crop – please refer to label
- **Rainfast:** Once dry on leaf surface
- **Water Volume:**
  - Ground: 10 US gal/ac (100 L/Ha)
  - Air: 3 US gal/ac (30 L/Ha)
- **Other:** Registered by both air and ground application

Labeled Crops

- Canola
- Lentil
- Cereals (Wheat, Oats, Barley)
- Pea
- Cole Crops (Cabbage, Cauliflower, Broccoli, Brussels Sprouts)
- Potato
- Sunflower
- Corn
- Sweet Corn
- Flax

FLEA BEETLE CONTROL:
TIPS FOR DECIDING WHEN TO SPRAY

**% Defoliation**

The economic threshold for flea beetles is when a significant amount of canola plants across the field have 50% leaf defoliation. Under heavy feeding, things can change from 25% to 50% very quickly, so be vigilant and ready to act if your field is at 25%. To assess defoliation, check 10 sites throughout the field at both field edge and at the middle of the field.¹

**Plant Stand**

A stand of around 7 to 14 plants per square foot is the basis of most economic thresholds in canola. If your plant stand is thinner than that, a more aggressive economic threshold will be required.

**Crop Stage and New Leaves**

A four-leaf or larger canola plant can generally withstand flea beetle feeding without economic loss. Especially important is looking at the newest leaves to ensure there is no heavy feeding, which means that the flea beetle pressure has subsided.

> QUICK FACTS

- Synthetic pyrethroid
- Stable in sunlight resulting in longer residual
- Flea beetle rate = 160 acres per 10 L jug (320 acres per case)
- Cutworm rate = 80 acres per 10 L jug (160 acres per case)
- Economical choice with great performance

¹Canolacouncil.org, (2014). Canola Council of Canada. [online]