

# CORAGEN<sup>®</sup>

INSECTICIDE

GROUP  
28

## Innovative, targeted Western bean cutworm control you can count on.

### What is Coragen<sup>®</sup> insecticide?

Coragen<sup>®</sup> insecticide is a Group 28 product that helps to optimize the yield and quality of your corn through reliable and consistent control of Western bean cutworm and other important insects. Based on an innovative class of chemistry, the anthranilic diamides, Coragen<sup>®</sup> insecticide is powered by the active ingredient Rynaxypyr<sup>®</sup>.

### How does Coragen<sup>®</sup> insecticide help my farm business?

**Fast acting.** Target pests stop feeding within minutes of ingestion, resulting in nearly immediate crop protection.

**Highly effective.** Coragen<sup>®</sup> insecticide delivers powerfully effective activity on Western bean cutworm and has no cross-resistance to other registered insecticides. It controls hatching insects all the way through to the adult stages of development. This product is particularly potent against larvae as they hatch from the eggs (ovi-larvicidal activity), but also provides excellent control through the larval stages. It also features translaminar movement through the leaf surface. This movement results in control of egg masses even if they weren't hit directly by the application.

**Long-lasting.** With up to 21 days<sup>2</sup> of residual activity, and a minimal pre-harvest and re-entry interval, Coragen<sup>®</sup> insecticide gives you maximum timing options during the busy growing season. It also works well under hot conditions.

**Easy on bees and beneficials.** Coragen<sup>®</sup> insecticide has minimal impact on beneficial insects and pollinators<sup>2</sup> and has a favorable environmental profile. As such, it's a strong tool for Integrated Pest Management programs.

#### Quick facts:

**Active ingredient:**  
Rynaxypyr<sup>®</sup> (Chlorantraniliprole)

**Packaging:**  
4 x 3.79 L jugs per case

**Water volume:**  
10 gal/ac (100 L/ha)

**Rates:**  
101 – 152 ml/ac  
(250 – 375 ml/ha)

**Application:**  
Aerial<sup>1</sup> and ground

**Rainfastness:**  
1 hour

**Re-entry:**  
12 hours

**Pre-harvest interval:**  
14 days – field corn and popcorn  
1 day – seed corn and sweet corn

#### Feeding by Western bean cutworm and damage to ears



WBC damage to corn ears in an untreated plot (left), and a plot treated with Coragen<sup>®</sup> insecticide (right) near Rodney, Ontario (October 3, 2014).

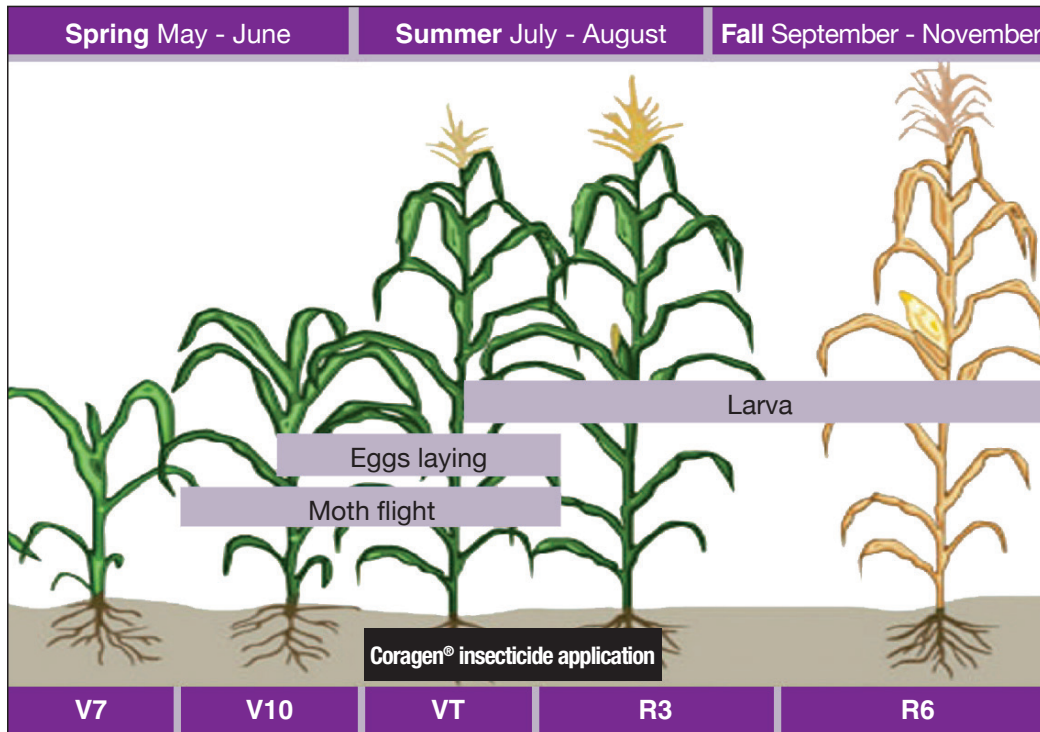
#### Residual control of key insect pests like Western bean cutworm



Source:  
Purdue University, Department of Entomology

## When should I apply Coragen® insecticide?

Optimum timing for application of Coragen® insecticide is when egg masses are purple and hatching. For best results, apply within 7 days of tassel emergence. Timing is critical and should coincide with egg hatch when young larvae begin feeding. If there is an extended egg laying and hatching period, the residual control of Coragen® insecticide makes it an ideal choice for control of Western bean cutworm.



### Crops

- Field corn
- Popcorn
- Seed corn
- Sweet corn

### Pests

- Armyworm
- Beet armyworm
- Black cutworm
- Corn earworm/ Tomato fruitworm
- European corn borer
- Fall armyworm
- Variegated cutworm
- Western bean cutworm

**Questions? Ask your retailer about Coragen® insecticide today.**

<sup>1</sup> Coragen® insecticide is a Class 2 pesticide which requires a permit to apply by air in Ontario. More information is available at <https://www.ontario.ca/environment-and-energy/pesticide-licences-and-permits>.

<sup>2</sup> In line with Integrated Pest Management and Good Agricultural Practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.

Always read and follow label instructions. Member of CropLife Canada.

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