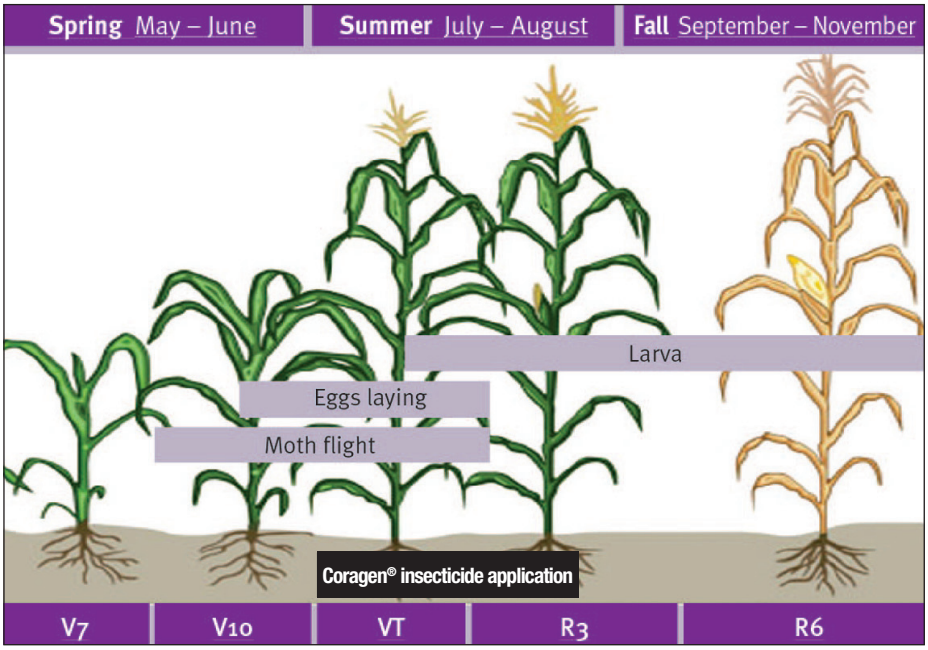
CORAGEN®
INSECTICIDE

Performance you can count on.

Coragen® insecticide is from an innovative class of chemistry, the anthranilic diamides. Powered by the active ingredient Rynaxypyr®, Coragen® insecticide is a Group 28 product registered for use to control Western bean cutworm and other important insects in field corn, sweet corn, seed corn and popcorn.

This innovative insecticide helps to optimize the yield and quality of your corn through reliable and consistent control of **Western bean cutworm** (WBC).

- Fast acting, for rapid cessation of feeding.
- Delivers extended residual control, including translaminar movement across the leaf surface.
- Controls hatching insects to manage establishment and growth of pest populations.
- Application and harvest flexibility.
- Excellent rainfastness.



Integrated Pest Management (IPM)

Insect Resistance Management (IRM):
Management of Western bean cutworm is best achieved within a sound IRM system that includes the use of Bt corn hybrids, refuges, scouting, and insecticides when thresholds are met. A properly timed application of Coragen® insecticide should be sufficient to provide acceptable control of WBC.

Pest Monitoring and Trapping:
Pheromone traps may be used to monitor for peak moth flight which is a good indicator of when to start scouting for egg masses.

Scouting:
Scout 20-40 plants in five areas of the field. Focus on the upper 3-4 leaves of the corn plant and look for egg masses and larvae on the upper leaf surface.

Thresholds:
When scouting results reach a cumulative of 5% or more, treatment with an insecticide is recommended.

Spray Timing:
Optimum timing for application of Coragen® insecticide is when egg masses are purple and hatching. For best results with Coragen® insecticide apply within 7 days of tassel emergence. Timing is critical and must coincide with egg hatch when young larvae are feeding.

FMC

Coragen® insecticide

- Fast acting – target pests stop feeding within minutes of ingestion, which results in nearly immediate crop protection.
- Effectively controls Western bean cutworm and has no cross resistance to other registered insecticides.
- Particularly potent against larvae as they hatch from the eggs (ovi-larvicidal activity), but also provide excellent control at the larvicidal stages.

Active ingredient: Rynaxypyr® (scientific name: *Chlorantraniliprole*)
Chemical group: Group 28, anthranilic diamide
Packaging: 3.79 L/jug
Formulation: Liquid suspension
Application: Aerial[1] and ground application
Re-entry period: 12 hours
Pre-harvest interval:
Field and pop corn: 14 days
Seed and sweet corn: 1 day
Rates: 101 ml/ac to 151 ml/ac
(250 ml/ha to 375 ml/ha)

Classified as a Reduced Risk Product

Coragen® insecticide has minimal impact on beneficial insects and pollinators when applied at label rates[2]. This selectivity, along with its robust control and environmental profile, makes Coragen® insecticide a strong tool for Integrated Pest Management programs.

[1] 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

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

Residual control of key insect pests like Western bean cutworm

Source: Purdue University, Department of Entomology

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® insecticide (right) near Rodney, Ontario (October 3, 2014).

Insects controlled in corn

Armyworm, beet armyworm, back cutworm, corn earworm, European corn borer, fall armyworm, variegated cutworm, Western bean cutworm.

Questions? Ask your retailer about Coragen® insecticide today.
For more information, call 1-833-362-7722 or visit FMCcrop.ca