

Protect potato yield and quality from key insect pests

What is Coragen® insecticide?

Coragen® insecticide is a Group 28 product that provides potato growers with extended residual control of European corn borer and Colorado potato beetle in potato. Based on an innovative class of chemistry, the anthranilic diamides, Coragen® insecticide is powered by the active ingredient Rynaxypyr®.

How does Coragen® insecticide help my farm business?

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

Highly effective. Coragen® insecticide delivers powerfully effective activity on European corn borer and Colorado potato beetle 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 at the larvicidal stages.

Long-lasting. Coragen® insecticide provides extended residual control and features translaminar movement across the leaf surface.

Application and harvest flexibility. This product has a 12-hour re-entry period and a pre-harvest interval of just 1 day for potato.

Easy on bees and beneficials. Coragen® insecticide has minimal impact on beneficial insects and pollinators when applied at label rates² and has a favorable environmental profile. As such, it's a strong tool for Integrated Pest Management programs.

GROUP
28

Quick facts:

Active ingredient:
Rynaxypyr® (chlorantraniliprole)

Packaging:
4 x 3.79 L jug

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

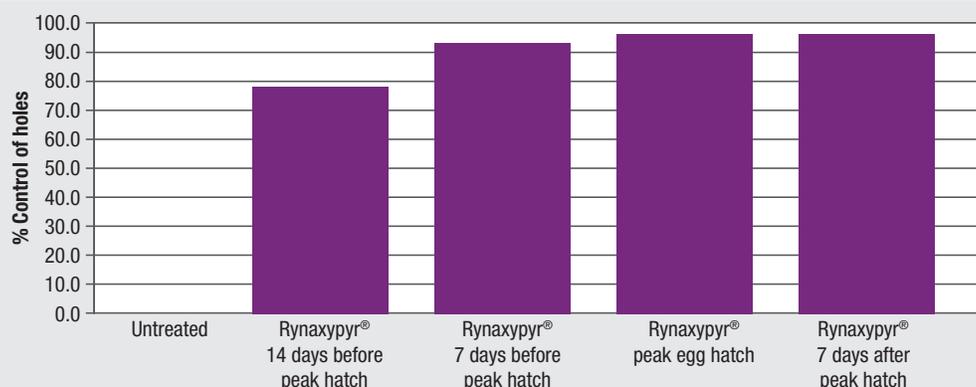
Rates:
101 - 202 mL/ac
(250 - 500 mL/ha)

Re-entry period:
12 hours

Pre-harvest interval:
1 day

Application:
Ground or air¹

Coragen® insecticide provides extended control of European corn borer
% Control of holes caused by European corn borer



Source: Canadian Research Trials, PEI, 2007
Rynaxypyr® applied at 75 g ai/ha



Colorado potato beetle

Source: Ward Upham, Kansas State University, Bugwood.org



European corn borer

Source: Adam Sisson, Iowa State University, Bugwood.org

Target Crops

- Potato

Target Pests in

Potato

- Colorado potato beetle
- European corn borer

When and how should I apply Coragen® insecticide in potatoes?

European corn borer.

Apply Coragen® insecticide at a rate of 101-152 mL/ac. Time application to coincide with peak egg hatch, as determined by scouting.

Colorado potato beetle.

Apply Coragen® insecticide at a rate of 101-202 mL/ac. Use the higher application rate under heavy pest pressure and/or when larger larvae are present.

DO NOT make a foliar application of Coragen® insecticide for a minimum of 60 days following an in-furrow or soil application or planting of seed or seed pieces treated with any Group 28 insecticide.

Questions? Ask your retailer about Coragen® insecticide today.

¹Coragen® 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>.

²In 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.
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