

Cimegra insecticide

technology sheet

Powered by the unique IRAC Group 30 mode of action, Cimegra® insecticide is an innovative solution in potatoes that provides true control of wireworms in-furrow and foliar control of Colorado potato beetles.

- Unique mode of action that works through contact and ingestion
- Delivers fast knockdown and control growers can count on
- Effective resistance management tool when used in rotation with other insecticide groups

Active ingredient

Broflanilide – Group 30

Formulation

Suspension concentrate

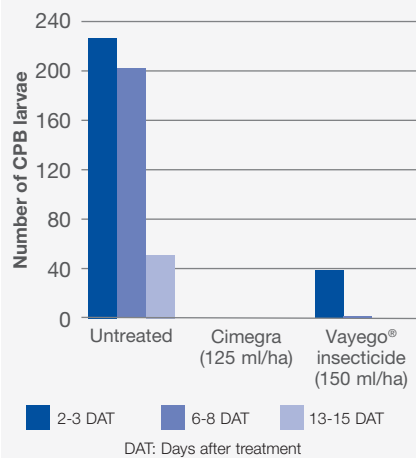
One case contains

2 x 3 L jugs

Storage

Requires heated storage.
Refer to product label.

Colorado potato beetle (CPB) foliar control



Source: BASF Third Party Small Plot Trials, MB & ON, 2021-2022, n=2

Colorado potato beetle



Source: BASF

Crops

Potatoes

Corn (field, pop, seed and sweet)

Staging

in-furrow at planting
foliar¹

in-furrow at planting
T-band at planting

Pests controlled

In potatoes.

Colorado potato beetle (*Leptinotarsa decemlineata*)

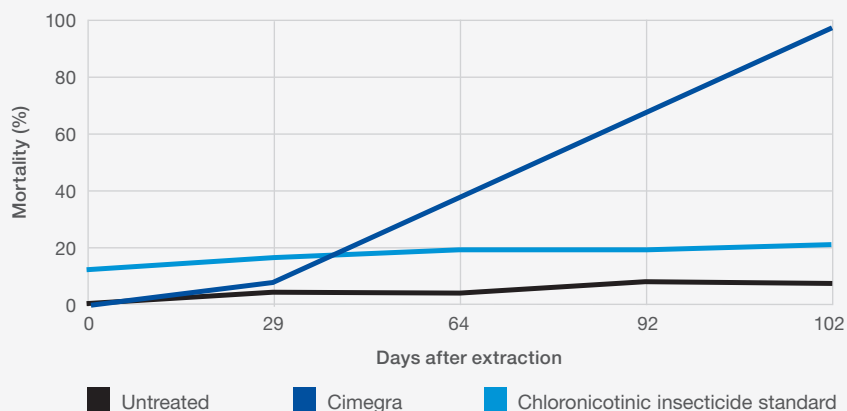
Wireworm²

In corn.

Corn rootworm (*Diabrotica virgifera virgifera* and *Diabrotica barberi*)

Wireworm²

Laboratory study examining mortality vs. intoxication of wireworms



Source: W. van Herk, R. Vernon, British Columbia, 2019, n=1

¹ Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period.

² Including *Agriotes obscurus*, *Agriotes sputator*, *Conderus* sp., *Hypnoides bicolor*, *Limonium californicus*, *Limonium infuscatum*, *Melanotus cribulosus*, *Melanotus* sp. and *Selatosomus destructor*.

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We create chemistry

Application rate

One case of Cimegra insecticide will treat 60 acres (24 hectares) in-furrow and 79 to 118 acres (32 to 47.8 hectares) with foliar application.

Potatoes - Foliar application ³		Corn	
For control of Colorado potato beetle	50 to 75 ml/ac (125 to 187.5 ml/ha)	For wireworm and corn rootworm control ⁴	100 ml/ac (250 ml/ha)
Potatoes - In-furrow application		For 76 cm (30") row spacing ⁵	1.9 ml per 100 metres of row
For wireworm control ⁴	100 ml/ac (250 ml/ha)		
For 90 cm (36") row spacing ⁵	2.3 ml per 100 metres of row	Apply at planting as an in-furrow or T-band spray by directing spray pattern to uniformly cover seed and surrounding soil.	
Apply the in-furrow spray to uniformly cover the seed pieces and surrounding soil. Do not apply Cimegra to the soil surface of a closed furrow.			

Water volume

For in-furrow use, dilute Cimegra insecticide product in a minimum of 50 L of water per hectare (20 L of water per acre). Use sufficient water to ensure thorough coverage of the seed or seed piece and surrounding seed furrow. For foliar use, ensure thorough coverage of the entire plant.

³ DO NOT apply more than 2 foliar applications per year. Allow a minimum of 7 days between applications. DO NOT apply more than 50 g ai/ha per year. This includes all application types (seed treatment, soil and foliar). ⁴ Do not exceed 100 ml/ac (250 ml/ha). ⁵ For different row spacing, see label for calculation.

Mixing order

1. Ensure the spray tank is clean before use.
2. Fill the spray tank 1/2 full of water and start agitation.
3. Shake/agitate container well before use.
4. Add the required amount of Cimegra insecticide to the mix tank.
5. Continue agitation while filling the remainder of the spray tank.
6. After use, clean the spray tank according to label precautions.

Application tips

For foliar application, do not apply during periods of dead calm or when winds are gusty. Observe spray buffer zones specified on the product label. A vegetative filter strip is required between the field edge and adjacent, downhill aquatic habitats. Refer to product label for more information.

Resistance management

Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices. Cimegra is not compatible with IPM programs using beneficial arthropods. Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.

Follow crops

Immediate plant-back is permitted for all labelled crops. A plant-back interval of 30 days is required for all crops not on the label.

Tank mixes

Cimegra is not compatible with in-furrow fertilizers.

Contact **AgSolutions®** Customer Care or your BASF **AgSolutions** Grower or Retail Representative for more information on supported tank mixes.

For more information: Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit agsolutions.ca/Cimegra.

Always read and follow label directions.

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