

# Changes to the registration of clothianidin pesticides



All pesticides used in Canada must be registered under the Pest Control Products Act. Pesticides are re-evaluated to ensure that they continue to meet health and environmental standards. Re-evaluation may result in the revocation of a product or product uses. Health Canada may also request changes to a product's label, including risk mitigation measures, use sites and application methods.

Clothianidine is a neonicotinoid insecticide used on various crops, and for seed treatment. Highlights of the re-evaluation and of the special review decisions of the active ingredient **clothianidin**, published respectively on April 11, 2019, and on March 31, 2021, are summarized below.

## Label changes for clothianidin pesticides

### Cancelled uses

**As of April 11, 2021, stop the following uses:**

- Foliar application on orchards
  - ✓ Except for the control of brown marmorated stink bug (BMSB) on pome fruit and stone fruit
- Foliar application on strawberries
- Foliar application on residential, municipal and industrial lawns

**As of March 31, 2023, stop the following uses:**

- In-furrow application for potatoes
- Seed treatment of leafy vegetables
- Seed treatment of onions in greenhouses, for onion maggot and seedcorn maggot
- Field corn seed treatment, for corn rootworm
- Foliar application on cucurbits, for brown marmorated stink bug
- Foliar application to turf, for hairy chinch bug, annual bluegrass weevil, bluegrass billbug and European crane fly

Users should follow the instructions of the updated labels.

It is a violation of the *Pest Control Products Act* to use a product in a manner inconsistent with the label directions..

**End of use delayed to March 31, 2025,** for the field application of seed treatment on bunching onions.

## Other risk reduction measures

### As of April 11, 2021

- Limit of one foliar application per season on cucurbits
- Addition of bee protection statements to cereal seed treatment labels

### As of March 31, 2023

- Single foliar application per season on:
  - ✓ Cucurbits
  - ✓ Potatoes
  - ✓ Sod farms
- Reduction of allowed planting density, to meet the maximum application rate per hectare for:
  - ✓ Broccoli
  - ✓ Onions (bulbs)
  - ✓ Carrots
  - ✓ Cabbages
  - ✓ Cucumbers
  - ✓ Leeks
- Single application rate for field corn seed treatment
- Addition of statements regarding the toxicity of clothianidin for aquatic organisms
- Updated buffer zones
- Recommendation of a vegetative filter strip

## Read the label

All pesticides registered in Canada have a Health Canada-approved label with a registration number. It is important to read a pesticide label carefully, as it contains specific information on how to use it.

To find the most current label, use our online [label search tool](#), or search for “Health Canada pesticide labels” using your favourite search engine.

## For more information

Special Review Decision [SRD2021-03](#), Special review decision regarding the risks of clothianidin to aquatic invertebrates.

Re-evaluation Decision [RVD2019-05](#), Clothianidin and its associated end-use products: re-evaluation focusing on pollinators.

*The Health Canada-approved label is the official document for enforcement purposes. In the event of any discrepancy with the contents of this factsheet, the information on the label shall prevail.*

Health Canada's Pesticide Compliance Program (PCP) is responsible for enforcing the *Pest Control Products Act*. Visit: [canada.ca/pesticide-compliance](https://canada.ca/pesticide-compliance)