

Changes to the registration of lambda-cyhalothrin pesticides (agricultural uses)



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 requirements. 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 mitigation measures, use sites and application methods.

Lambda-cyhalothrin is an insecticide used on many crops, in the field and greenhouses, shelterbelts, turf, livestock and structures. The key elements regarding structural uses in the re-evaluation decision of the active ingredient **lambda-cyhalothrin** published on April 29, 2021, are summarized below.

In this factsheet, the agricultural uses include the treatment of ornamental plants, trees, and turf.

Label changes for pesticides containing lambda-cyhalothrin, as of April 29, 2023

Cancelled uses

Stop uses on the following crops:

- Lettuce, field and greenhouse
- Condiment type mustard seeds
- Crops for animal feed uses
- Bulb vegetables from revised Crop group 3-07 *
- Oilseeds from revised Crop group 20 *
 - ✓ except flax seeds, oilseed-type mustard seeds and rapeseed (canola grade only)

Other risk reduction measures

- Added personal protective equipment (PPE) requirements, depending on the type of activity and application equipment used
- Restriction on the maximum quantities handled per day depending on the application equipment used
- Extension of treatment interval to 14 days on turf
- Updated re-entry intervals (REI) before returning to the treated areas
- Updated statements against spray drift
- Additional statements requiring not to spray any crop that remain on the label and have the potential to be used for animal feed

Other risk reduction measures (continued)

- Additional statements to protect bees and other pollinators, parasitic insects, predatory mites, and small wild mammals, as well as aquatic environments, including:
 - ✓ Avoid applying during crop blooming period
 - ✓ Mandatory 10-meter vegetative filter strip between the treated area and the edge of a down-gradient water body
 - ✓ Requirement to respect the buffer zones
- Additional specific statements for greenhouse uses:
 - ✓ Do not apply in the presence of bees or beneficial insects
 - ✓ Do not discharge effluent contaminated with lambda-cyhalothrin into the environment

Users must follow the instructions on the updated labels.
Using a pesticide contrary with the label directions is a violation of the *Pest Control Products Act*.

Read the label

All pesticides registered in Canada have a Health Canada-approved label with a registration number. Read the pesticide label carefully, as it contains specific information on how to use it. To find the most up-to-date label, use our online [label search tool](#) or search for “Health Canada pesticide labels” using your favourite search engine.

For more information

Re-evaluation decision [RVD2021-04](#), Lambda-cyhalothrin and its associated end-use products.
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.

* [Crop groups](#) used by the Health Canada Pest Management Regulatory Agency

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