

Lambda-cyhalothrin: Changes and Allowances



General

EPA has completed the interim registration review decision for lambda-cyhalothrin and has mandated adjustments to lambda-cyhalothrin end-user labeling.

What is changing as it relates to the T&O market?

EPA will be terminating broadcast outdoor uses of lambda-cyhalothrin on residential lawns and turf in residential settings (e.g., homes, parks, schools, athletic fields, or any other area frequented by the general public).

What will still be allowed?

Perimeter treatments up to 7 feet from structures, applications to ornamentals in the landscape (regardless of their distance from the structure), and crack and crevice applications will still be allowed as described in the second page of this document.

What is the timeline?

The loss of these application sites (lawns/turf) will **NOT** go into effect until the primary registrants (including CSI) have received label approval from EPA. The timeline below outlines what can be expected and when. The important thing to remember is that this is a rolling approval and will not impact all labels at one time but on a product by product basis. For example, the PROFLEX® label was updated with the new language in August of 2023.

Label amendments due to EPA 12/22/2021.

CSI submitted at the end of 2021.

Once EPA approves CSI labels, CSI will inform registrants/manufacturers the labels are received back from EPA and to begin updating end-use labels.

Product labeled with prior language in the channel will be allowed to be exhausted over time.



EPA will review and approve labels.

No indication has been given that labels will be approved anytime soon.

Sub-registrants/ manufacturers will have 12 months to distribute existing inventory before having to switch to the updated label version.

The 12 month clock starts ticking as soon as EPA approves the CSI labels.

Label Changes

Prohibition of Application Methods on Certain Sites:

- Indoor residential sites – “Do not apply to carpets and hard surfaces as a pin stream or coarse spray treatment.”
- Industrial/Commercial - “Do not apply as broadcast spray application using a mechanically pressurized handgun in industrial and commercial areas (e.g., tires, rail yards, junk yards).”

Applications requiring updated PPE:

- For applications to landscaping - Foliar spray treatment using a mechanically pressurized handgun on landscaping trees and shrubs:
 - » “Mixers, loaders, and applicators must wear long-sleeved shirt, long pants, shoes and socks, coveralls, and gloves.”
- For applications to nurseries - Foliar broadcast spray treatment using a mechanically pressurized handgun on nurseries or drench/soil/ground directed liquid treatment using a mechanically pressurized handgun on nurseries:
 - » “Mixers, loaders, and applicators must wear long-sleeved shirt, long pants, shoes and socks, gloves, and a respirator.”
- For warehouse applications - Broadcast spray treatment using a manually pressurized hand wand in warehouses:
 - » “Mixers, loaders, and applicators must wear long-sleeved shirt, long pants, shoes, socks, and gloves.”

General Restriction Language:

- All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation. (Allow 7 ft perimeter)
 2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn).
 3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure.
 4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch.
 5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level.
 6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch, or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.”
- Spot treatments must not exceed two square feet in size (e.g., 2 ft. x 1 ft. or 4 ft. x 0.5 ft.).
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.
- To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

