

Understanding EPA label updates for *lambda-cyhalothrin* products

Syngenta is committed to supporting our customers within the regulatory landscape of pest control. We work closely with the Environmental Protection Agency (EPA) and other entities to steward our solutions in compliance with the latest EPA decisions, and to advocate for maintaining business-critical uses.

Lambda-cyhalothrin, the active ingredient in Demand[®] CS, Demand G, Demand Duo and Tandem[®] insecticides, has been reevaluated by the EPA – a standard protocol for all registered active ingredients in the industry.



Key changes and clarifications

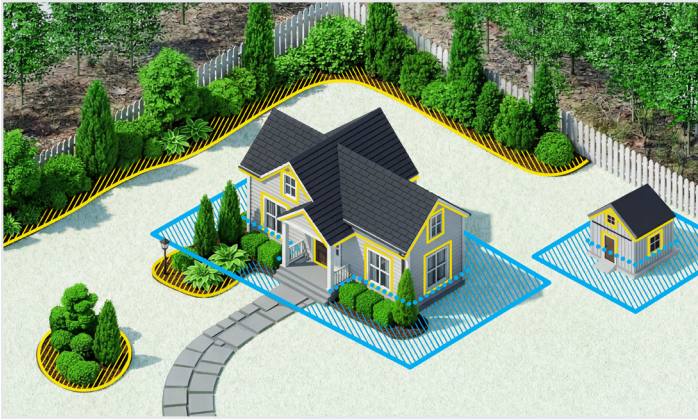
Broadcast applications to residential lawns and turf are now prohibited.




- ▶ Broadcast applications to residential lawns and turf in residential settings like homes, parks, schools, athletic fields or any other area frequented by the general public are **no longer permitted**. This is a significant change from previous labels where some broadcast lawn applications were allowed.
- ▶ Syngenta proposed multiple approaches that would allow spot treatments to residential lawns for public health/lawn pests such as fleas and ticks; however, these proposals were not accepted by the EPA and will not be included on the label.

Syngenta successfully ensured that **perimeter treatments and mosquito applications remain unchanged**.

- ▶ **Perimeter band treatment applications around structures are still permitted, with specific restrictions:**
 - ▶ Perimeter band treatments are limited to **7 feet wide or less** from the base of a man-made structure and must be applied to **pervious surfaces** such as soil, mulch or **groundcover/vegetation** that abuts the perimeter of the treated structure.
 - ▶ Band applications to vertical surfaces, such as the side of a man-made structure, directly above impervious surfaces like driveways and sidewalks, are limited to 2 feet above ground level or less.
 - ▶ **Important: consequent application to turf within this permitted horizontal 7-foot perimeter band is not classified as a prohibited “direct application to residential lawns and turf.”** This applies to standard perimeter applications and mosquito control applications within this band.
- ▶ **Spot or crack-and-crevice applications (≤1 inch) are permitted** in landscaped areas and around windows, doors and entry points, and to protected areas such as eaves or soffits, provided these applications prevent dripping and runoff and are sheltered from rainfall.
- ▶ **Mosquito applications to foliage, shrubbery and ecotone areas** (transitional zones between maintained turf and woody areas) are **not affected**. Using a ground-based backpack mist blower for mosquito applications to vegetation and landscape is a permitted use.

Perimeter applications



-  7-foot perimeter band spray application
-  2-foot vertical spray application
-  Spot application

Mosquito applications



-  Mosquito application

Equipment clarification for mechanically pressurized handguns (MPHGs)

- ▶ The Demand CS and Tandem labels state, “DO NOT apply foliar spray treatments to landscaping trees and shrubs using a mechanically pressurized handgun.”
- ▶ Based on EPA guidance, applications with backpack mist blowers, as typically used in mosquito treatments, and battery-powered backpack sprayers do NOT fall under the definition of a “mechanically pressurized handgun” for the purpose of this label restriction.

What are the timelines for these changes?

- ▶ The EPA has provided final approval for the amended Demand CS, Demand G, Demand Duo and Tandem labels. Products featuring the new labels will be available in early 2027. Current inventory can continue to be used according to the label instructions on the packaging.



State interpretation and local guidance

- ▶ Pesticide labels are subject to state interpretation. Consult your local extension service or state regulatory agency to ensure proper use and compliance with all local regulations.



Syngenta is committed to supporting customers through this transition with training and technical assistance. For more information about the new labels, contact your Syngenta territory manager by visiting [SyngentaPMP.com/TerritoryManager](https://www.syngentapmp.com/TerritoryManager) or by scanning the QR code.

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