



Agricultural Pesticide Label Changes

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An ever-increasing number of agriculture pesticide labels require applicators to utilize the Bulletins Live! Two system to check for additional use limitations to protect endangered species and their habitat. In an effort to address concerns related to the impact of pesticides on threatened or endangered species and in response to ongoing litigation, the Environmental Protection Agency (EPA) has developed an online system called Bulletins Live! Two (BLT). Bulletins Live! Two is a map-based webpage that helps applicators determine if additional

pesticide use limitations are needed to protect listed species or habitat based on the application location, pesticide and application month. The system is intended to avoid blanket use restrictions and instead creates PULAs (pesticide use limitation areas) that targets restrictions to geographic and time-specific use patterns that should be avoided to protect endangered species and their habitat. Furthermore, even applications that fall under a PULA may allow application if mitigation strategies are implemented to avoid runoff and drift.

United States Environmental Protection Agency

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Bulletins Live! Two -- View the Bulletins

For assistance in using Bulletins Live! Two, [view the tutorial](#). Also see [background notes](#) and a [quick start guide for BLT](#).

Directions

This tool displays Pesticide Use Limitation Areas (PULAs) for products with active Endangered Species Protection Bulletins. To generate a printable bulletin, please follow these steps:

1. Navigate to your intended pesticide application area by using the "Location Search" tool or panning and zooming on the map itself.
2. Select your Application Month from the Application Date dropdown.
3. Search specific pesticide product(s) by entering the EPA product registration number(s). If you need assistance finding the EPA product registration number, consult the [guide on the Bulletins Live! Two website](#). Once you have entered your

Location Search:

Application Month:

EPA Registration Number:

Bulletins Live! Two website showing Michigan areas that may be impacted by pesticide use limitation areas depending on application parameters. Web captured 2.28.25

The Endangered Species Act (ESA) of 1973 provides a framework to conserve and protect endangered and threatened species and their habitats both domestically and abroad. An endangered species is an organism threatened by extinction, threatened species are likely to soon be endangered. Together, threatened and endangered species are commonly referred to as ‘listed’ species. The ESA requires that listing determinations consider only scientific and commercial information; economic factors are not allowed to be considered as part of the listing process. Species may also be removed from the list if they no longer need protection or have a change in status. Michigan currently has 26 known endangered or threatened species.

The Environmental Protection Agency (EPA) plays an important role in implementing the Endangered Species

Act. This includes ensuring that the use of pesticides does not jeopardize listed species or adversely impact their designated critical habitat. If EPA determines that use of a pesticide may impact listed species, it initiates consultation with US Fish and Wildlife Service and/or the National Marine Fisheries Service to identify potential negative impacts. These agencies also develop and propose measures to mitigate these negative impacts. Based on the outcomes of this process, EPA may require additional pesticide use limitations, these limitations are often included in the environmental hazards section of the pesticide label. However, if it is determined that pesticide use limitations are only needed in specific geographic areas or at a specific application timing, EPA implements these changes through Endangered Species Protection Bulletins that define pesticide use limitation areas

(PULAs) based on the site location, pesticide product and application month. These ‘bulletins’ are made available via the Bulletins Live! Two system which allows applicators to check their planned application parameters to determine if any additional pesticide use limitations are required to protect listed species or their habitat. Applicators are only required to consult the BLT system if the label that came with the pesticide container in their possession directs them to under the ‘Directions for use’ portion of the label. The BLT system may be checked up to 6 months prior to an application.

Applicators are only required to consult the BLT system if the label that came with the pesticide container in their possession directs them to. Pesticide manufacturers may be adding the BLT directive to products as they go through registration or registration review.

Currently, most of the impacted labels with additional pesticide use limitations are agricultural herbicides and insecticides, but additional products are added regularly with the inclusion of fungicides and other pesticides anticipated in the future. There are currently 15 products with pesticide use limitations in Michigan, however, there are many labels that require applicators to check the BLT system before use. If a pesticide label directs you to the BLT system, you are required to follow the pesticide use limitation(s) found on both the label and on the bulletin generated by the BLT system.

To generate a bulletin, you will need the following information: (1) location which you can navigate to manually or enter as an address or coordinates; (2) application month and year; and (3) the product EPA registration number (found on the pesticide label). The bulletins themselves are simply a document that describes any additional pesticide use limitations based on the proposed

application site and includes a map of the location, the application timing and product. It is important to note that there may not be any additional specific use limitations based on the application parameters. This could be because EPA has not yet identified if additional pesticide use limitations are needed or there are no additional geographically specific use limitations based on the use pattern. Though not required, applicators are encouraged to print or save the 'bulletin' along with their pesticide records even if no additional pesticide use limitations apply.

It is important to note that compliance with all label directives including use of the BLT system is mandatory and the applicator's responsibility. Applicators can generate bulletins up to 6 months before an application and should do so as far in advance as possible to check for any additional pesticide use limitations that might impact their ability to utilize the pesticide as intended. Ideally, applicators will carefully check the labels of products

they are considering before purchase to fully understand any use limitations on their site. Because the Bulletins Live! Two system will continue to add new pesticides continuously, applicators need to continue to check all product labels carefully for this new directive.

For more information on navigating Bulletins Live! Two, view the EPA tutorial. For more information on the changes related to the BLT system, visit the MSU Extension Bulletins Live! Two webpage. For more information on how MSU is supporting efforts to conserve Michigan biodiversity including listed species and critical habitat, visit the Michigan Natural Feature Inventory webpage.

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