Herbicide Strategy Information

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Why is the EPA's Herbicide Strategy important?

- Minimizes the potential impacts from herbicide use on endangered species and their habitats
- Streamlines and provides efficiencies to the registration process for new herbicide active ingredients and the re-evaluation of existing herbicides
- Provides practical, implementable, and effective mitigation practices to reduce exposure from herbicides to endangered species

What are the three mitigation categories to protect endangered species?

Runoff Mitigation

- Field-level mitigation practices required to reduce exposure risk to non-target species from runoff (total mitigations required varies by active ingredient)

Spray Drift Buffer

- Applicators will be required to maintain a downwind buffer to unmanaged areas

Additional Mitigation for Pesticide Use Limitation Areas

- In geographical specific areas (referred to as pesticide use limitation areas, or "PULAs"), additional mitigation and application restrictions may be required

Scan these QR codes to visit the following resources:

Bulletins Live! Two

Mitigation Relief Points by County List

Mitigation Menu

What does the EPA's Herbicide Strategy mean for herbicide registrations?

- Liberty® ULTRA herbicide was the first herbicide registered using the assessment process outlined in the Herbicide Strategy (see Liberty ULTRA Herbicide Technical Information Bulletin for more information)
- All **new** conventional herbicides will be evaluated under the Herbicide Strategy and subject to the three mitigation categories previously outlined
- As the EPA re-evaluates existing herbicides, they too will be subject to the three mitigation categories
- The EPA is working to finalize strategies for fungicides, insecticides, and rodenticides

What does an applicator need to know?

- It is the responsibility of an applicator to ensure compliance with the mitigation requirements on the label
- For Liberty ULTRA herbicide, within six months prior to an application, an applicator is required to check "Bulletins Live! Two" to determine if the field is within a Pesticide Use Limitation Area for the chosen product and, if so, follow the additional restrictions found online
  - "Bulletins Live! Two" can be accessed by scanning the QR code below
- If the application site is located outside a PULA, the applicator must ensure that the required number of runoff mitigation points for the product have been met
  - The EPA mitigation menu can be accessed by scanning the QR code below

For most up to date information on EPA policy regarding Endangered and Threatened Species refer to *https://www.epa.gov/pesticides/bulletins* and Mandatory Runoff Mitigation *https://www.epa.gov/pesticides/mitigation-menu*.

Always read and follow label directions.

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Technical Information Bulletin

Liberty® ULTRA
Herbicide – Powered by Glu-L™ Technology



How to Comply with the Endangered Species Act (ESA) when Applying Liberty® ULTRA Herbicide

Follow these steps to ensure compliance with the Endangered Species Act.

1. Endangered and Threatened Species Protection Requirements

Check **"Bulletins Live! Two"** within six months prior to or on the day of application to ensure the field you intend to spray is not within a Pesticide Use Limitation Area (PULA).

- Access "Bulletins Live! Two" using the QR code below
- Enter the location where you intend to spray
- Select your application month
- Enter the EPA Registration Number for Liberty ULTRA herbicide: **7969-500**

If you are not spraying within a PULA, you have satisfied this requirement.

2. Mandatory Spray Drift Mitigation

10-foot *downwind* buffer for ground applications.

- Managed areas such as agricultural fields, mowed grass, roads contiguous to treated area, hedgerows, Conservation Reserve Program (CRP) land, and forest strips (windbreaks) can be included as part of the buffer
- Consult the Liberty ULTRA herbicide label for additional methods to manage spray drift

Scan these QR codes to visit the following resources:

Bulletins Live! Two

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3. Spray Drift and Nozzle Selection

- Droplet size is an effective way to reduce spray drift
- Apply with nozzles and pressure that deliver medium to coarse spray droplets

4. Runoff Mitigation

Applicators of Liberty ULTRA herbicide must ensure that **three (3)** runoff mitigation points are obtained.

- Mitigation relief points are assigned by county and achieved through practices / measures on farm
- Check the county list to see how many points you automatically receive (scan QR code below)
- If more points are needed, refer to the measures below or visit the Mitigation Menu for a complete list (scan QR code below)

Common practices which provide mitigation points: Non-irrigated field (3), no-till field (3) field with ≤ 3% slope (2), field with predominantly sandy soils (2), grassed waterway (2), tile drainage (1) and tracking measures (1).

5. Ecological Incident Reporting

- To report ecological incidents involving this product, call 1-800-832-HELP (4357)

To learn more about crop protection products from BASF, visit AgProducts.BASF.us

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