

Endangered Species and Pesticides:

What's a PULA and is a BLT More Than a Sandwich?

UF|IFAS
UNIVERSITY of FLORIDA

Dr. Brett Bultemeier

UF/IFAS Pesticide Information Office

Conflict

FIFRA registers pesticides

ESA protects species

EPA involved in both



Georgette Rogers



The Agencies

Consulted if risks were found

Biological Evaluation

Biological Opinion



NOAA
FISHERIES

How did it get here?

Initial registration did NOT consider ESA

WAAAAAY behind – 2030 only 5% would be done

Mega Law Suit



**Process was
SLOOOOOOW
unsustainable**



ESA Workplan

Registration Review - ID

Drift and Erosion Control

BLT 2

Vulnerable species and pesticide
grouping



The Label is the.....

BASF
We create chemistry

Dicamba Group 4 Herbicide

SPECIMEN

Engenia® Herbicide

For weed control in Dicamba-tolerant (DT) cotton[†]; Dicamba-tolerant (DT) soybean[†]

[†] Only for use in states listed as US EPA approved in the Dicamba-tolerant (DT) Crops.

Active Ingredient*:

| | |
|--|--------|
| dicamba: N,N-Bis-(3-aminopropyl)methylamine salt of 3,6-dichloro-p-anisic acid | 60.8% |
| Other Ingredients: | 39.2% |
| Total: | 100.0% |

*Contains 48.38% dicamba (5 pounds acid equivalent per gallon or 600 grams per liter)

EPA Reg. No. 7969-472 EPA Est. No.

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See full label for complete First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

SUBLABEL A

MALATHION GROUP 1B INSECTICIDE

FYFANON 8 LB EMULSION Organophosphate Insecticide

ACCEPTED
08/23/2023
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5905-250

FOR INSECT CONTROL ON LISTED ORNAMENTALS, FRUIT AND NUT TREES AND VEGETABLE PLANTS

| | |
|--|-----------------|
| ACTIVE INGREDIENT: | % BY WT. |
| Malathion (O,O-Dimethyl phosphorodithioate of diethyl mercaptosuccinate) | 81.8% |
| INERT INGREDIENTS: | 18.2% |
| TOTAL | 100.00% |

Contains 8 lbs. of Malathion per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

| FIRST AID | |
|--|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. |
| IF IN EYES: | <ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. |
| <p>NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> | |

EPA Reg. No. 5905-250
AD 022422

EPA Est. No.

Manufactured for:

RESTRICTED USE PESTICIDE
To be used by certified applicators only; NOT to be used by uncertified persons working under the supervision of a certified applicator, except that uncertified persons may transport containers.

DICAMBA GROUP 4 HERBICIDE

XTENDIMAX®

With *VaporGrip* Technology

This labeling expires on 12/20/2025. DO NOT use or distribute this product after 12/20/2025.

CAUTION
KEEP OUT OF REACH OF CHILDREN

Please refer to booklet for additional precautionary statements and directions for use.

For MEDICAL and TRANSPORTATION Emergencies ONLY
Call 24 Hours a Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-998BAYER (1-866-992-2937)

For Incidence of Non-performance or Off-Target Movement or for Questions Regarding Buffer Requirements or Sensitive Crop Registries Call 1-844-RRXTEND (1-844-779-8363)

EPA Reg. No. 264-1210

For weed control in cotton with XtendFlex® Technology (dicamba-tolerant cotton) and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology (dicamba-tolerant soybean).

XtendFlex® With VaporGrip® Technology is approved by U.S. EPA for use in dicamba-tolerant cotton and dicamba-tolerant soybeans only in the following states, subject to county restrictions as noted: Alabama, Arkansas, Arizona, Colorado, Delaware, Florida (excluding Palm Beach County), Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee (excluding Wilson County), Texas, Virginia, West Virginia, Wisconsin.

Check the registration status of each product in each state before using. The user must check www.xtendimaxapplicationrequirements.com no more than 7 days before application of this product for additional labeling, including state restrictions. Where applicable, users must comply with additional requirements found on this website.

ACTIVE INGREDIENT: dicamba
Diglycolamine salt of dicamba (3,6-dichloro-p-anisic acid)* 42.80%

OTHER INGREDIENTS: 57.20%

TOTAL: 100.00%

* Contains 29.0% 3,6-dichloro-p-anisic acid (2.9 pounds acid equivalent per U.S. gallon or 350 grams per liter)

Produced For
Bayer CropScience LP
800 N. Lindbergh Blvd.
St. Louis, MO 63167
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US22114210_220315E JAN/22

RESTRICTED USE PESTICIDE

To be used by certified applicators only; NOT to be used by non-certified persons working under the supervision of a certified applicator, except that non-certified persons may transport containers.

This EPA registration expires 12/20/2025. DO NOT use or distribute this product after 12/20/2025. Tavium Plus VaporGrip® Technology must only be used for the uses specified on this label and only in the following states, subject to county restriction as noted: Alabama, Arizona, Arkansas, Colorado, Delaware, Florida (excluding Palm Beach County), Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York (excluding Nassau and Suffolk Counties), North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee (excluding Wilson County), Texas (excluding use on cotton in Gaines County), Virginia, West Virginia, Wisconsin. Users must comply with additional requirements including state restrictions found on www.TaviumApplicationRequirements.com. The user must check www.TaviumApplicationRequirements.com no more than 7 days before application of this product for additional labeling. Sale, use and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

PULL HERE TO OPEN

DICAMBA GROUP 4 HERBICIDE

S-METOLACHLOR GROUP 15 HERBICIDE

Tavium®

Plus *VaporGrip* Technology

Herbicide

Foliar systemic broadleaf herbicide with residual grass and certain broadleaf weed control for dicamba-tolerant cotton and dicamba-tolerant soybeans

Active Ingredients:

| | |
|--------------------------------|---------------|
| Diglycolamine salt of dicamba* | 17.7% |
| S-metolachlor** | 24.0% |
| Other Ingredients: | 58.3% |
| Total: | 100.0% |

*CAS No. 104040-79-1
**CAS No. 87392-12-9
Tavium Plus VaporGrip Technology is a capsule suspension (CS) formulation containing 1.12 pounds of dicamba acid equivalent (ae) and 2.26 pounds of S-metolachlor per U.S. gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1623
EPA Est. 5905-IA-01

SCP 1623A-L1E 0223 4177994

2.5 gallons
Net Contents



syngenta.

2.3 Environmental Hazards

DO NOT apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Apply this product only as directed on the label.

2.3.1 GROUNDWATER ADVISORY

Dicamba and S-metolachlor are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Groundwater contamination may occur in areas where soils are permeable or coarse and groundwater is near the surface.

DO NOT apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for groundwater contamination. **DO NOT** apply to soils classified as sand with less than 3% organic matter and where groundwater depth is shallow.

2.3.2 SURFACE WATER ADVISORY

DO NOT apply if soil is saturated with water or when rainfall that may exceed soil field capacity is forecasted to occur within 48 hours.

Under some conditions, dicamba has the potential for runoff several days and S-metolachlor for several months after application. Poorly draining, wet, or erodible soils with readily visible slopes toward adjacent sensitive areas are more prone to produce runoff. When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several weeks or months after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of dicamba and S-metolachlor from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

2.3.3 NON-TARGET ORGANISM ADVISORY

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

2.3.4 REPORTING ECOLOGICAL INCIDENTS

To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-888-8372.

2.3.5 MIXING/LOADING INSTRUCTIONS

Care must be taken when using this product to prevent back-siphoning into wells, spills, or improper disposal of excess pesticide, spray mixtures, or rinsates. Check-valves or anti-siphoning devices must be used on all mixing equipment.

- This product must not be mixed or loaded within 50 ft of perennial or intermittent streams and rivers, natural or impounded lakes and reservoirs, wells, including abandoned wells, drainage wells, and sink holes.
- Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling, or application equipment or containers within 50 ft of any well are prohibited, unless conducted on an impervious pad that meets the following specifications. Containment capacities described below must be maintained at all times.
 - o The pad must be constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad.
 - o The pad must be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rain water that may fall on the pad.
 - o Surface water must not be allowed to either flow over or from the pad, which means the pad must be self-contained and sloped.
 - o An unroofed pad must contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad.



**Label alone can't
handle needed
changes**



Herbicide Strategy

Diverse group of actives

Streamline decisions

Gets away from product-by-product decisions

1. 2,4-D
2. Dicamba
3. Diuron
4. MCPA
5. Metolachlor
6. Metribuzin
7. Oxyfluorfen
8. Paraquat
9. Pendimethalin
10. Propanil
11. Thiobencarb
12. Trifluralin



Purpose

Reduce soil erosion



Reduce off-site drift

Speed up decisions



Picklist

Points assigned depending on location – soil type, etc.

Points must be achieved through mitigation measures

Any Picklist can add up to total

1. Vegetative Filter Strips
2. Grassed Waterways
3. Field Border
4. Cover Crop
5. Contour Buffer Strips
6. Contour Farming
7. Contour Strip Cropping
8. Terrace Farming
9. Strip Cropping
10. No/Reduced Tillage
11. Vegetative Barriers
12. Vegetative Ditch Banks
13. Riparian Buffers
14. Mulching
15. Alley Cropping





We create chemistry

Glufosinate-P-Ammonium Group 10 Herbicide

SPECIMEN

Liberty® ULTRA

Herbicide – Powered by **Glu-L™** Technology

Liberty® ULTRA herbicide – Powered by Glu-L™ Technology is a nonselective herbicide that provides control of a broad spectrum of broadleaf and grassy weeds in LibertyLink or glufosinate-resistant crops.

Active Ingredient:

Glufosinate-P-Ammonium* 18.7%**

Other Ingredients: 81.3%

Total: 100.0%

*CAS Number 73777-50-1

**Equivalent to 1.76 pounds of active ingredient per U.S. gallon; equivalent to 1.61 pounds per U.S. gallon acid equivalent, as glufosinate-P.

EPA Reg. No. 7969-500

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See full label for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

Recirculation is advised for bulk tanks for totes

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

15 minutes to take a reading with a tower anemometer with telemetry or handheld anemometer. Some anemometers may have software that would allow users to view wind measurements in real time while making an application, and, those cases, applicators would not have to stop to take measurements.

- Using a windsock. Wind can be estimated with a windsock using the strips on a windsock. The applicator should consult the user manual for the windsock on wind speed estimation and direction of wind. Applicators should look at the sock at least every 15 minutes to estimate wind speed and direction. The windsock should be pointed in the opposite direction of the windbreak and the non-managed area.
- Using an aircraft smoke system. Laying down several puffs of smoke along different lines using an aircraft smoke system can provide an accurate view of what the wind speed and direction for the application.
- Checking behind the spray rig at least every 15 minutes to see if the spray has changed direction from when the application started.

11.0 MANDATORY RUNOFF MITIGATION:

- **DO NOT** apply when soils are saturated or above field capacity.
- **DO NOT** apply during rain.

You must achieve a minimum of three points for the crop uses listed on this label unless otherwise stipulated below. Applicators must access and search Bulletins Live! Two (BLT) at <https://www.epa.gov/pesticides/bulletins> within six months of the application to determine whether the application site falls within a Pesticide Use Limitation Area (PULA) that has a Bulletin in BLT. If you are located inside a PULA, follow the instructions in the bulletin.

If the application site is located outside a PULA, runoff/erosion mitigation is required for this product unless certain field/application parameters are present at the time of application (i.e., subsurface or tile drains with controlled outlet, perimeter berm systems, irrigation tailwater return systems, spot treatment, etc). Access EPA's Mitigation Menu Website at www.epa.gov/pesticides/mitigation-menu for a full list of field/application parameters to evaluate whether your field is subject to runoff/erosion mitigation.

If the application does not meet the specified field/application parameters, a minimum of three points for the crop uses listed on this label must be achieved. The applicator must choose among the mitigation and/or mitigation relief measures on EPA's Mitigation Menu Website to meet or exceed these points before applying this product. The website includes the full menu of runoff/erosion mitigation and mitigation relief measures. The following are examples:

- Location in a very low, low, or medium runoff vulnerability county
- Field slope
- Soil incorporation
- Conservation tillage
- Vegetative strips
- Cover crop or continuous ground cover
- Irrigation water management
- Mulching
- Grassed waterway
- Vegetated ditch
- Constructed and natural wetlands
- Water retention systems
- Following recommendations from a runoff/erosion specialist or participating in a qualifying conservation program (see the www.epa.gov/pesticides/mitigation-menu for minimum elements).

To achieve mitigation points for the application, the mitigation and mitigation relief measures must be:

- Employed in accordance with the instructions and descriptions on EPA's Mitigation Menu Website.
- In place during the application unless a different timing (such as before or after application) is specifically provided in the measure's description on EPA's Mitigation Menu Website.
- EPA may periodically update the Mitigation Menu Website, for example, by adding new mitigation measures or updating a mitigation measure description.

the application started.

11.0 MANDATORY RUNOFF MITIGATION:

- **DO NOT** apply when soils are saturated or above field capacity.
- **DO NOT** apply during rain.

You must achieve a minimum of three points for the crop uses listed on this label unless otherwise stipulated below.

3 points



Calculator Example

Herbicide Strategy

Finalized

Use mitigation menu to get points

Offsets still pending





**Websites ARE
label!**

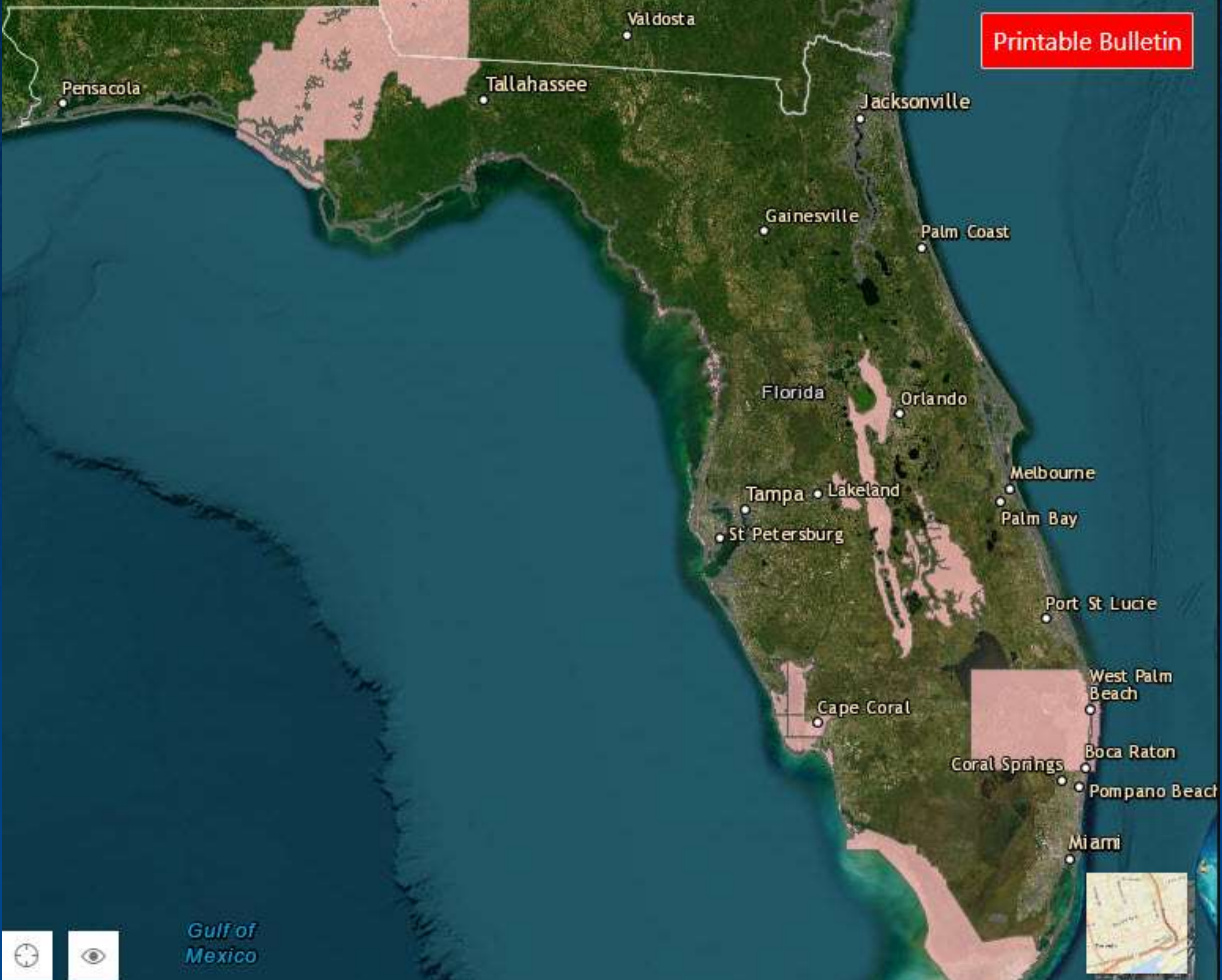




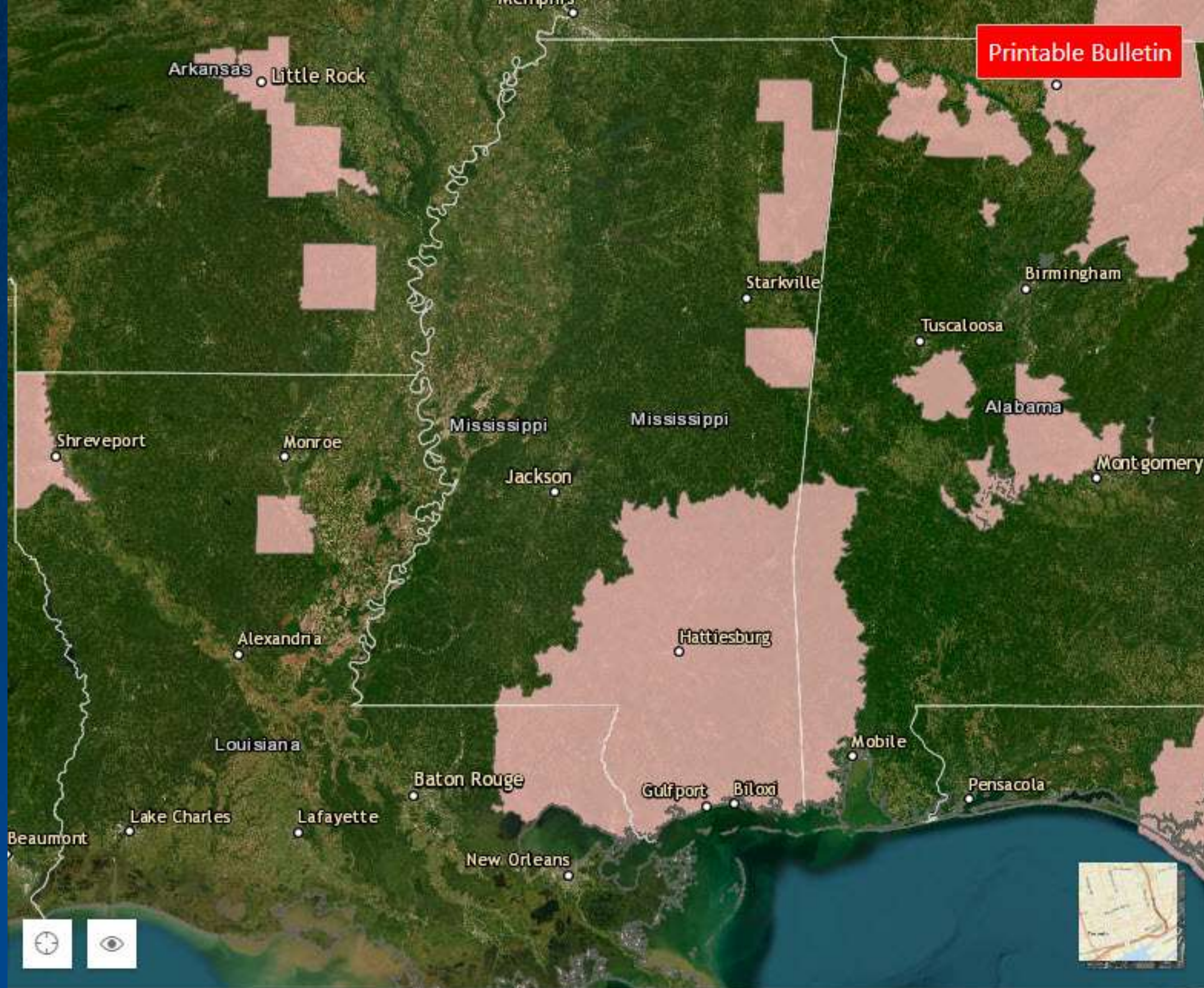
Calculator can help



Printable Bulletin



Gulf of Mexico





A series of horizontal orange lines of varying lengths are arranged in a vertical column in the center of the slide, creating a decorative border around the central text.

PULA and BLT

PULA

Pesticide Use Limitation Area

Defined area in space AND time

Consult day of to 6 months before treatment

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

To be used by certified applicators only; NOT to be used by non-certified persons working under the supervision of a certified applicator, except that non-certified persons may transport containers.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Endangered Species Protection Requirements

Prior to making an application of this product on dicamba-tolerant cotton or dicamba-tolerant soybeans, an applicator must visit <http://www.epa.gov/espp/> to determine if there are any additional restrictions on Tavium Plus VaporGrip Technology use within the area to be sprayed.

It is a Federal offense to use any pesticide in a manner that results in an unauthorized “take” (e.g., kill or otherwise harm) of an endangered species and certain threatened species, under the Endangered Species Act, Section 9. When using this product, you must follow the measures contained in the Endangered Species Bulletin for the area in which you are applying this product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

Sale, use, and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

Use Tavium Plus VaporGrip Technology only in accordance with specifications on this label, or in separately EPA-approved labeling instructions for this product.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR WEED CONTROL, AND/OR ILLEGAL RESIDUES.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This

Endangered Species Protection Requirements

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species and certain threatened species under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/> , call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. In citrus, stone fruit, pome fruit and tree nuts: Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete. Protect pollinating insects by following label directions intended to minimize drift and to reduce risk to these organisms.

Following best management practices can help reduce risk to terrestrial pollinators. Examples of best management practices include applying pesticides in the evening and at night when pollinators are not foraging and checking to confirm hive locations before spraying. For additional resources on pollinator best management practices, visit <https://www.epa.gov/pollinator-protection/find-best-management-practices-protect-pollinators>.

Managed pollinator protection plans are developed by states/tribes to promote communication between growers, landowners, farmers, beekeepers, pesticide users, and other pest management professionals to reduce exposure of bees to pesticides. If available, visit state plans for additional information on how to protect pollinators.

How to Report Bee Kills. It is recommended that users contact both the state lead agency and the U.S. Environmental Protection Agency to report bee kills due to pesticide application. Bee kills can be reported to EPA at beekill@epa.gov. To contact your state lead agency, see the current listing of state pesticide regulatory agencies at the National Pesticide Information Center's website: http://npic.orst.edu/reg/state_agencies.html.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 901-761-0050.

11.0 MANDATORY RUNOFF MITIGATION:

- **DO NOT** apply when soils are saturated or above field capacity.
- **DO NOT** apply during rain.

You must achieve a minimum of three points for the crop uses listed on this label unless otherwise stipulated below. Applicators must access and search Bulletins Live! Two (BLT) at <https://www.epa.gov/pesticides/bulletins> within six months of the application to determine whether the application site falls within a Pesticide Use Limitation Area (PULA) that has a Bulletin in BLT. If you are located inside a PULA, follow the instructions in the bulletin.

If the application site is located outside a PULA, runoff/erosion mitigation is required for this product unless certain field/application parameters are present at the time of application (i.e., subsurface or tile drains with controlled outlet, perimeter berm systems, irrigation tailwater return systems, spot treatment, etc). Access EPA's Mitigation Menu Website at www.epa.gov/pesticides/mitigation-menu for a full list of field/application parameters to evaluate whether your field is subject to runoff/erosion mitigation.

12.0 ENDANGERED AND THREATENED SPECIES PROTECTION REQUIREMENTS

Before using this product, you must obtain any applicable Endangered Species Protection Bulletins (Bulletins) within six months prior to or on the day of application. To obtain Bulletins, go to Bulletins Live! Two (BLT) at <https://www.epa.gov/pesticides/bulletins>. When using this product, you must follow all directions and restrictions contained in any applicable Bulletin(s) for the area where you are applying the product, including any restrictions on application timing if applicable. It is a violation of Federal law to use this product in a manner inconsistent with its

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labeling, including this labeling instruction to follow all directions and restrictions contained in any applicable Bulletin(s). For general questions or technical help, call 1-844-447-3813, or email ESPP@epa.gov.

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 for a specific pesticide product using the EPA registration number and

[Unpin](#)

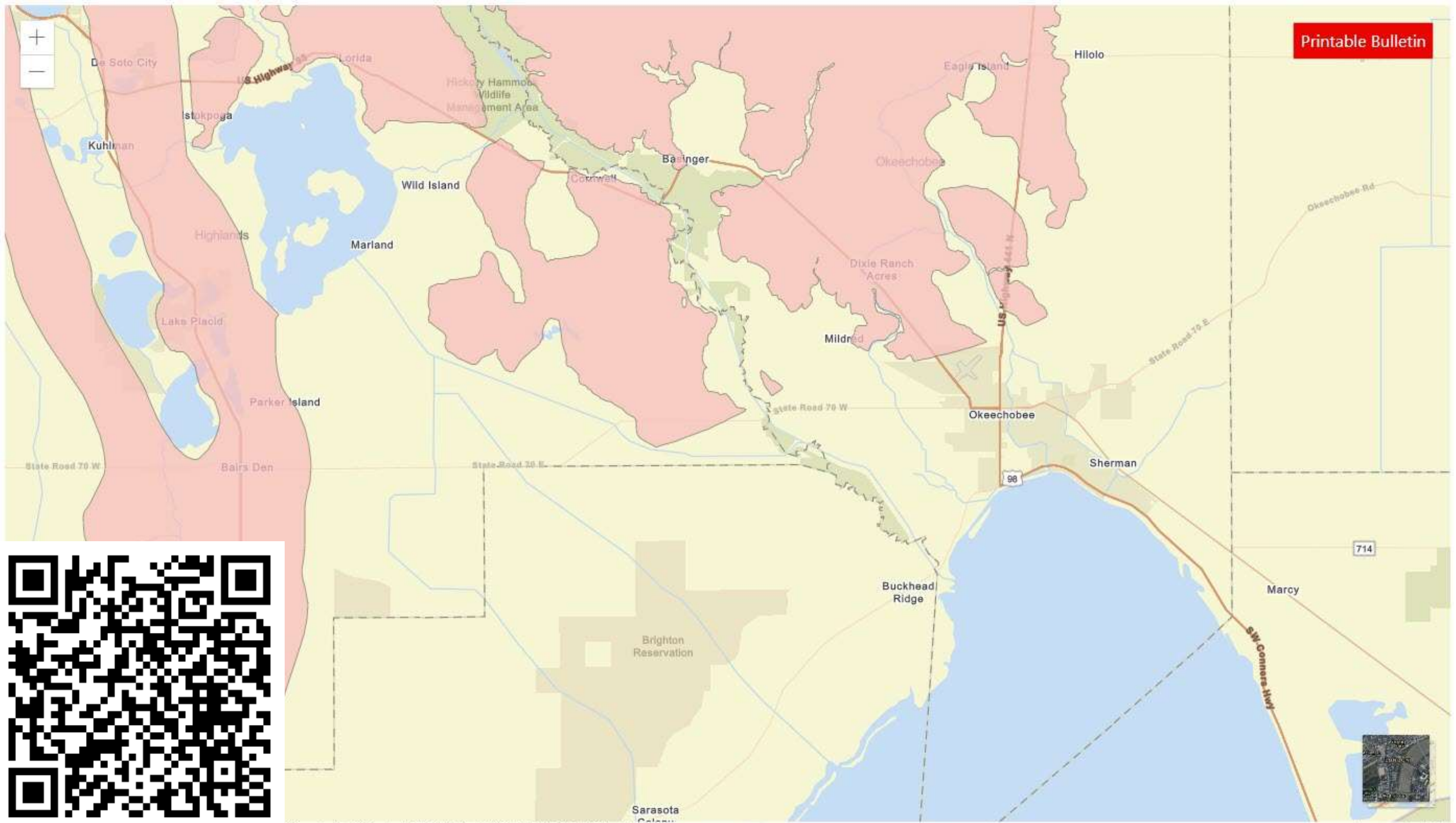
Location Search:

Application Month:

November 2023

EPA Registration Number:







Search" tool or panning and zooming on the map itself.

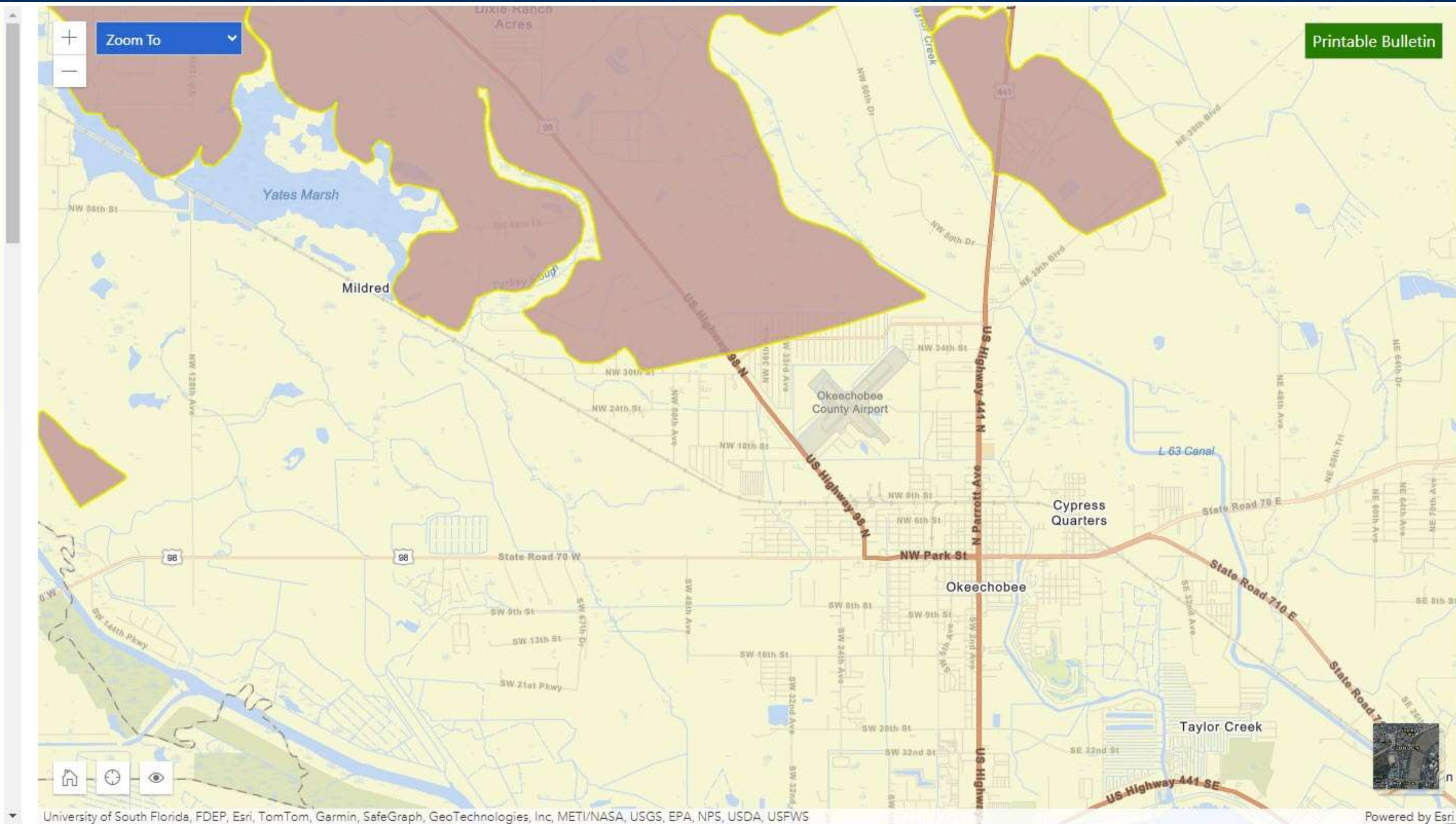
2. Select your Application Month from the Application Date dropdown.
3. Search specific pesticide product(s) by entering the EPA product registration

Unpin

Limitations for Selected Area

Pula ID: 70
 Event Name: Malathion FWS BiOp 2023
 Application Month: November 2024

| Product | Count |
|--|-------|
| CHEMINOVA MALATHION 57% LOW VOC (279-3587) | 1 |
| CLEAN CROP MALATHION ULV CONCENTRATE INSECTICIDE (34704-565) | 2 |
| DREXEL MALATHION 50% EMULSIFIABLE (19713-330) | 1 |



University of South Florida, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

Powered by Esri

To exit full screen, press and hold [Esc]

Endangered Species Protection Bulletin



Application Month: November 2024
Product: All products with limitations in selected area

1 Areas where pesticide use must be limited are identified on the map. A legend is located beside the map to help pinpoint these locations.



2 Look below at the Pesticide Use Limitation Summary Table. This table lists the user selected Active Ingredient(s) (AIs) or Product(s) with pesticide use limitations on the printed map. Locate the Active Ingredient (AI) or Product you intend to apply in this table and identify the code in the last column. This code indicates the specific limitation associated with that AI or Product. A limitation description for each code can be found below in the Codes and Limitations Table. If multiple Pesticide Use Limitation Areas (PULAs) are visible on the map, these tables provide information for the highlighted PULA.

If you are applying a pesticide that contains more than one Active Ingredient, or multiple Products, then multiple codes may apply. Follow the limitations for all codes when using this pesticide.

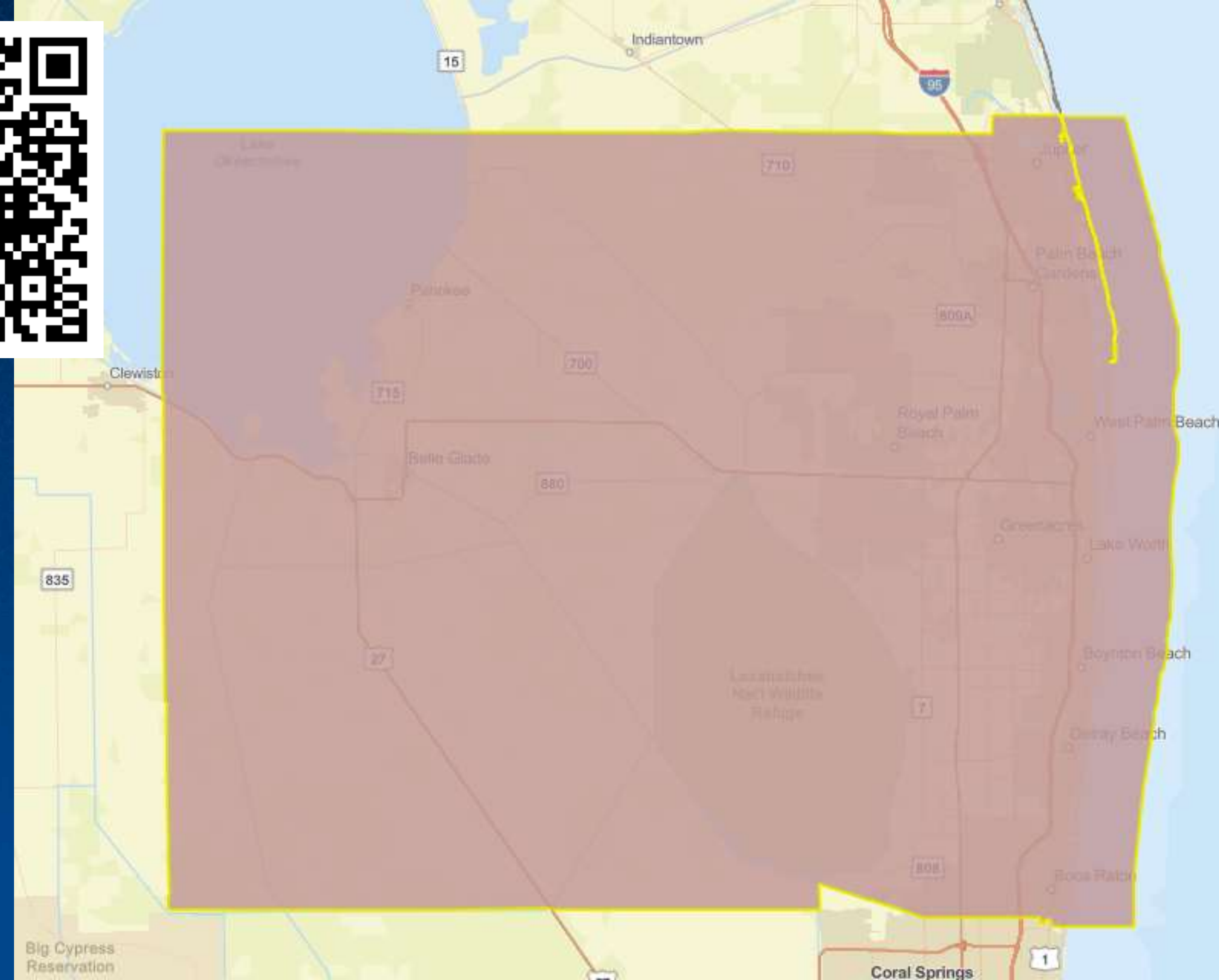
Endangered Species Protection Bulletin

Pesticide Use Limitation Summary Table

| Product | AI | Use | Method | Form | Code |
|--|--------------------------|-----------------------|--------------|--------------------------|------|
| CHEMINOVA MALATHION 57% LOW VOC (279-3587) | Malathion (NO INERT USE) | All Agricultural Uses | Aerial spray | Emulsifiable Concentrate | MA5 |
| CHEMINOVA MALATHION 57% LOW VOC (279-3587) | Malathion (NO INERT USE) | All Agricultural Uses | Ground spray | Emulsifiable Concentrate | MA5 |
| CLEAN CROP MALATHION ULV CONCENTRATE INSECTICIDE (34704-565) | Malathion (NO INERT USE) | All Agricultural Uses | Aerial spray | Emulsifiable Concentrate | MA5 |
| CLEAN CROP MALATHION ULV CONCENTRATE INSECTICIDE (34704-565) | Malathion (NO INERT USE) | All Agricultural Uses | Ground spray | Emulsifiable Concentrate | MA5 |
| CLEAN CROP MALATHION ULV CONCENTRATE INSECTICIDE (34704-565) | Malathion (NO INERT USE) | Mosquito Adulticide | Aerial spray | Emulsifiable Concentrate | MM3 |
| CLEAN CROP MALATHION ULV CONCENTRATE INSECTICIDE (34704-565) | Malathion (NO INERT USE) | Mosquito Adulticide | Ground spray | Emulsifiable Concentrate | MM3 |
| DREXEL MALATHION 50% EMULSIFIABLE (19713-330) | Malathion (NO INERT USE) | All Agricultural Uses | Aerial spray | Emulsifiable Concentrate | MA5 |
| DREXEL MALATHION 50% EMULSIFIABLE (19713-330) | Malathion (NO INERT USE) | All Agricultural Uses | Ground spray | Emulsifiable Concentrate | MA5 |
| DREXEL MALATHION 5EC (19713-217) | Malathion (NO INERT USE) | All Agricultural Uses | Aerial spray | Emulsifiable Concentrate | MA5 |

Endangered Species Protection Bulletin

| | |
|-----|--|
| MA5 | During the months of April - September: 1. Apply malathion only when wind is blowing away from dry prairie habitat OR 2. Use a 50-foot ground buffer from dry prairie habitat, and an aerial buffer from these habitats according to application rate: (1) 50 feet for <0.5 lbs ai/A; (2) 75 feet for 0.5 - <1 lb ai/A; (3) 150 feet for 1-2.5 lbs ai/A; (4) 200 feet for >2.5 lbs ai/A. Buffer sizes may be reduced by 25 feet for application rates (1) and (2) if a full swath displacement upwind is used during aerial application. Buffer sizes may be reduced by 50 feet for application rates (3) and (4) if a full swath displacement upwind is used during aerial application. Habitat: Dry prairie habitats are essentially treeless (with few or no trees such as pines or palms), relatively flat areas that support herbaceous plants (e.g., grasses and flowering plants) and shrubs. These areas may become flooded for short periods during the rainy season, but remain dry for the remainder of the year. These habitats may include degraded prairie and rangelands. |
| MM3 | Where feasible, avoid application from April to September. If avoidance is not feasible or impairs the ability of the mosquito control district or agency to protect the public's health and welfare, coordinate with the local FWS Ecological Services field offices to determine appropriate measures to ensure the proposed application is likely to have no more than minor effects on the species (FWS points of contact are available through the Information, Planning, and Consultation (IPaC) website https://ecos.fws.gov/ipac/). The applicator must retain documentation of the technical assistance and the agreed upon species-specific measures that were implemented. |



Endangered Species Protection Bulletin

| | | | | | |
|---|--------------------------------|---------------------------------|-----------------|--------|------|
| TAVIUM PLUS VAPORGRIP TECHNOLOGY (100-1623) Alternate: TAVIUM PLUS VAPORGRIP TECHNOLOGY | Dicamba, diglycolamine salt | Dicamba- Tolerant Soybean | Ground spray | Liquid | D220 |
| XTENDIMAX WITH VAPORGRIP TECHNOLOGY (264-1210) Alternate: M1768 Herbicide | Dicamba, diglycolamine salt | Dicamba- Tolerant Cotton | Ground spray | Liquid | D220 |
| XTENDIMAX WITH VAPORGRIP TECHNOLOGY (264-1210) Alternate: M1768 Herbicide | Dicamba, diglycolamine salt | Dicamba- Tolerant Soybean | Ground spray | Liquid | D220 |

Codes and Limitations Table

| Code | Limitation |
|------|--|
| D220 | Do not apply in the following counties: Wilson County, TN or Palm Beach County, FL |

A series of horizontal orange lines of varying lengths are arranged in a vertical column in the center of the slide, creating a decorative border around the central text.

How Do I Know???

Specimen Label

GROUP 4 HERBICIDE



Loyant®

Rinskor™ active

HERBICIDE

™®Trademarks of Corteva Agriscience and its affiliated companies

For selective postemergence grass, sedge, and broadleaf weed control in rice in the states of Arkansas, Florida, Louisiana, Mississippi, Missouri, South Carolina, Tennessee, and Texas

Active Ingredient:

| | |
|---|--------|
| florpyrauxifen-benzyl: 2-pyridinecarboxylic acid, 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxy-phenyl)-5-fluoro-, phenyl methyl ester..... | 2.7% |
| Other Ingredients | 97.3% |
| Total | 100.0% |

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Note to Physician: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

Environmental Hazards

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark except when treating rice fields as specified in this product label. Drift and runoff from ground or aerial applications is likely to result in damage to sensitive aquatic organisms in water bodies adjacent to the treatment area. Do not contaminate water when disposing of equipment wash waters or rinsate.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are

A vertical column of decorative orange horizontal lines of varying lengths is centered on the page, framing the text.

**Label is ALL I
need**

RESTRICTED USE PESTICIDE

To be used by certified applicators only; NOT to be used by non-certified persons working under the supervision of a certified applicator, except that non-certified persons may transport containers.

PULL HERE
TO OPEN

This EPA registration expires 12/20/2025. DO NOT use or distribute this product after 12/20/2025.

Tavium Plus VaporGrip® Technology must only be used for the uses specified on this label and only in the following states, subject to county restriction as noted: Alabama, Arizona, Arkansas, Colorado, Delaware, Florida (excluding Palm Beach County), Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York (excluding Nassau and Suffolk Counties), North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee (excluding Wilson County), Texas (excluding use on cotton in Gaines County), Virginia, West Virginia, Wisconsin.

Users must comply with additional requirements including state restrictions found on www.TaviumApplicationRequirements.com. The user must check www.TaviumApplicationRequirements.com no more than 7 days before application of this product for additional labeling.

Sale, use and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

DICAMBA GROUP 4 HERBICIDE

S-METOLACHLOR GROUP 15 HERBICIDE



Tavium®

Plus VaporGrip®
Technology

syngenta®

Herbicide

Foliar systemic broadleaf herbicide with residual grass and certain broadleaf weed control for dicamba-tolerant cotton and dicamba-tolerant soybeans

Active Ingredients:

| | |
|--------------------------------|-------|
| Diglycolamine salt of dicamba* | 17.7% |
| S-metolachlor** | 24.0% |

Other Ingredients:

58.3%

Total:

100.0%

*CAS No. 104040-79-1

**CAS No. 87392-12-9

Tavium Plus VaporGrip Technology is a capsule suspension (CS) formulation containing 1.12 pounds of dicamba acid equivalent (ae) and 2.26 pounds of S-metolachlor per U.S. gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1623

EPA Est. 5905-IA-01

SCP 1623A-L1E 0223 4177994



2.5 gallons

Net Contents

®

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

To be used by certified applicators only; NOT to be used by non-certified persons working under the supervision of a certified applicator, except that non-certified persons may transport containers.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Endangered Species Protection Requirements

Prior to making an application of this product on dicamba-tolerant cotton or dicamba-tolerant soybeans, an applicator must visit <http://www.epa.gov/espp/> to determine if there are any additional restrictions on Tavium Plus VaporGrip Technology use within the area to be sprayed.

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species and certain threatened species, under the Endangered Species Act, Section 9. When using this product, you must follow the measures contained in the Endangered Species Bulletin for the area in which you are applying this product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1623

EPA Est. 5905-IA-01

SCP 1623A-L1E 0223 4177994

2.

Net



Label AND check 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

Unpin

Location Search:

Find Place

Application Month:

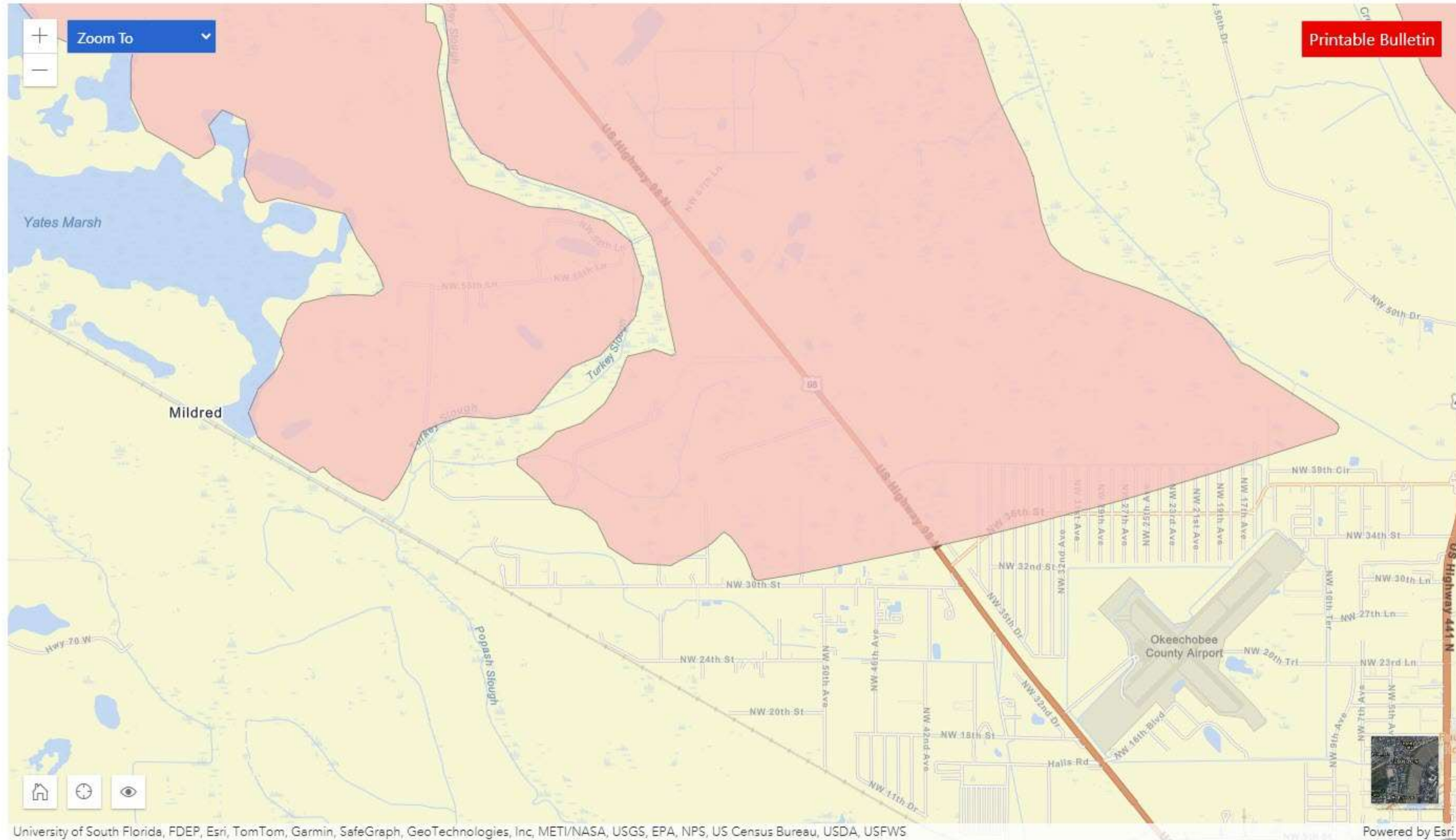
April 2025

EPA Registration Number:

Product

FYFANON ULV AG (279-3540)

22 Pula(s) Filtered



University of South Florida, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Powered by Esri

Endangered Species Protection Bulletin



Application Month: April 2025

Product: All products with limitations in selected area

1 Areas where pesticide use must be limited are identified on the map. A legend is located beside the map to help pinpoint these locations.



Legend
Limitation Area

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

Unpin

Location Search:

Find Place

Application Month:
April 2025

EPA Registration Number:

Product
FYFANON ULV AG (279-3540)

22 Pula(s) Filtered

Zoom To

NW 30th St

Esi Community Maps Contributors, University of South Florida, FDEP, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS
Powered by Esri

Currently, no pesticide use limitations exist within the printed map view for the month/year and product you selected, beyond the instructions specified on the pesticide label. Follow the use instructions on your label.

Ensure that your pesticide application area is within the printed map view. If it is not, follow the directions on the Instructions Tab to ensure that your pesticide application area is captured within the printed map view.

Please check back if you plan to apply your pesticide in an area outside the map view or in a month and year other than the one for which this Bulletin is valid.

The page features a dark blue background with a thin orange border. In the center, there are several horizontal orange lines of varying lengths, arranged in a pattern that resembles a stylized 'E' or a series of dashes. The main text is centered and reads:

**Follow the label,
keep my bulletin**

RESTRICTED USE PESTICIDE

To be used by certified applicators only; NOT to be used by uncertified persons working under the supervision of a certified applicator, except that uncertified persons may transport containers.

DICAMBA

GROUP

4

HERBICIDE

XTENDIMAX[®]

With **VaporGrip[®]**
Technology

This labeling expires on 12/20/2025. DO NOT use or distribute this product after 12/20/2025.

For weed control in cotton with XtendFlex[®] Technology (dicamba-tolerant cotton) and soybean with Roundup Ready 2 Xtend[®] Technology or XtendFlex[®] Technology (dicamba-tolerant soybean).

XtendiMax[®] With VaporGrip[®] Technology is approved by U.S. EPA for use in dicamba-tolerant cotton and dicamba-tolerant soybeans only in the following states, subject to county restrictions as noted: Alabama, Arkansas, Arizona, Colorado, Delaware, Florida (excluding Palm Beach County), Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee (excluding Wilson County), Texas, Virginia, West Virginia, Wisconsin.

Check the registration status of each product in each state before using. The user must check www.xtendimaxapplicationrequirements.com no more than 7 days before application of this product for additional labeling, including state restrictions. Where applicable, users must comply with additional requirements found on this website.

| | |
|--|---------|
| ACTIVE INGREDIENT: Dicamba | |
| Diglycolamine salt of dicamba (3,6-dichloro- <i>o</i> -anisic acid)* | 42.80% |
| OTHER INGREDIENTS: | 57.20% |
| TOTAL: | 100.00% |

* Contains 29.0% 3,6-dichloro-*o*-anisic acid (2.9 pounds acid equivalent per U.S. gallon or 350 grams per liter)

CAUTION KEEP OUT OF REACH OF CHILDREN

Please refer to booklet for additional precautionary statements and directions for use.

For MEDICAL and TRANSPORTATION Emergencies ONLY
Call 24 Hours a Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

For Incidence of Non-performance or Off-Target Movement or for
Questions Regarding Buffer Requirements or Sensitive Crop Registries Call
1-844-RRXTEND (1-844-779-8363)

EPA Reg. No. 264-1210

Produced For
Bayer CropScience LP
800 N. Lindbergh Blvd.
St. Louis, MO 63167
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US62211421D_220315E_04/22

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

To be used by certified applicators only; NOT to be used by non-certified persons working under the supervision of a certified applicator, except that non-certified persons may transport containers.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Endangered Species Protection Requirements

Prior to making an application of this product on dicamba-tolerant cotton or dicamba-tolerant soybeans, an applicator must visit <http://www.epa.gov/espp/> to determine if there are any additional restrictions on Tavium Plus VaporGrip Technology use within the area to be sprayed.

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species and certain threatened species, under the Endangered Species Act, Section 9. When using this product, you must follow the measures contained in the Endangered Species Bulletin for the area in which you are applying this product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

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EPA Reg. No. 264-1210

A series of horizontal orange lines of varying lengths are arranged in a vertical column in the center of the slide, creating a decorative border around the text.

Label AND check BLT

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 for a specific pesticide product using the EPA registration number and

Unpin

Limitations for Selected Area

Pula ID: 52

Event Name: Dicamba - 2020

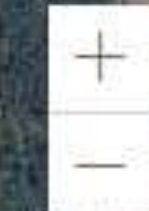
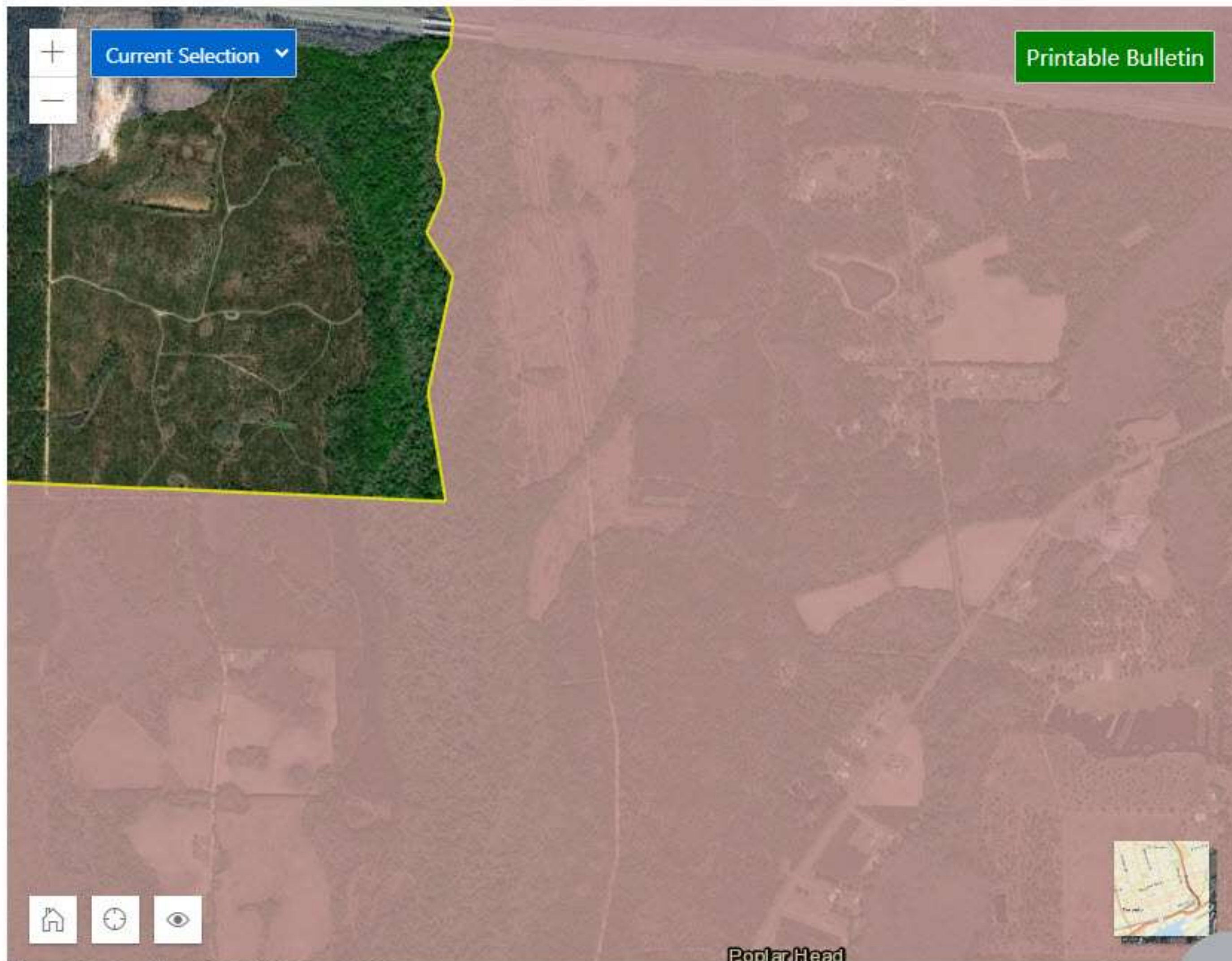
Application Month: July 2024

| Product | Count |
|--|-------|
| XTENDIMAX WITH VAPORGRIP TECHNOLOGY (264-1210) <i>Alternate Names:</i> M1768 Herbicide | 1 |

Full Details

Clear Selected

Zoom To Selected



Current Selection

Printable Bulletin





Application Month: July 2024
Product: XtendiMax® With VaporGrip® Technology (264-1210) ; "M1768 Herbicide"

1 Areas where pesticide use must be limited are identified on the map. A legend is located beside the map to help pinpoint these locations.



2 Look below at the Pesticide Use Limitation Summary Table. This table lists the user selected Active Ingredient(s) (AIs) or Product(s) with pesticide use limitations on the printed map. Locate the Active Ingredient (AI) or Product you intend to apply in this table and identify the code in the last column. This code indicates the specific limitation associated with that AI or Product. A limitation description for each code can be found below in the Codes and Limitations Table. If multiple Pesticide Use Limitation Areas (PULAs) are visible on the map, these tables provide information for the highlighted PULA.

If you are applying a pesticide that contains more than one Active Ingredient, or multiple Products, then multiple codes may apply. Follow the limitations for all codes when using this pesticide.

Pesticide Use Limitation Summary Table

| Product | AI | Use | Method | Form | Code |
|---|-----------------------------|--------------------------|--------------|--------|------|
| XTENDIMAX WITH VAPORGRIP TECHNOLOGY (264-1210) Alternate: M1768 Herbicide | Dicamba, diglycolamine salt | Dicamba-Tolerant Soybean | Ground spray | Liquid | D120 |
| XTENDIMAX WITH VAPORGRIP TECHNOLOGY (264-1210) Alternate: M1768 Herbicide | Dicamba, diglycolamine salt | Dicamba-Tolerant Cotton | Ground spray | Liquid | D120 |

Codes and Limitations Table

| Code | Limitation |
|------|--|
| D120 | To protect federally listed threatened and endangered species, both a 310-foot in-field wind-directional spray drift buffer and a 57-foot omnidirectional in-field buffer are required. If applying to dicamba-tolerant soybeans with a qualified hooded sprayer, both a 240-foot in-field wind-directional spray drift buffer and a 57-foot omnidirectional in-field buffer are required to protect federally listed threatened and endangered species. Please see the label for a link to the website(s) with your product's qualified hooded sprayers. The following areas may be included in the buffer distance composition when directly adjacent to the treated field edges: 1. Roads, paved or gravel surfaces, mowed grassy areas adjacent to field, and areas of bare ground from recent plowing or grading that are contiguous with the treated field. 2. Planted agricultural fields containing dicamba-resistant plantings of cotton and soybeans. 3. Areas covered by the footprint of a building, silo, or other man made structure with walls and or roof. |

FYFANON 8 LB EMULSION

Organophosphate Insecticide



FOR INSECT CONTROL ON LISTED ORNAMENTALS, FRUIT AND NUT TREES AND VEGETABLE PLANTS

| ACTIVE INGREDIENT: | % BY WT. |
|--|----------------------|
| Malathion (O,O-Dimethyl phosphorodithioate of diethyl mercaptosuccinate) | 81.8% |
| INERT INGREDIENTS: | 18.2% |
| | TOTAL 100.00% |

Contains 8 lbs. of Malathion per gallon.

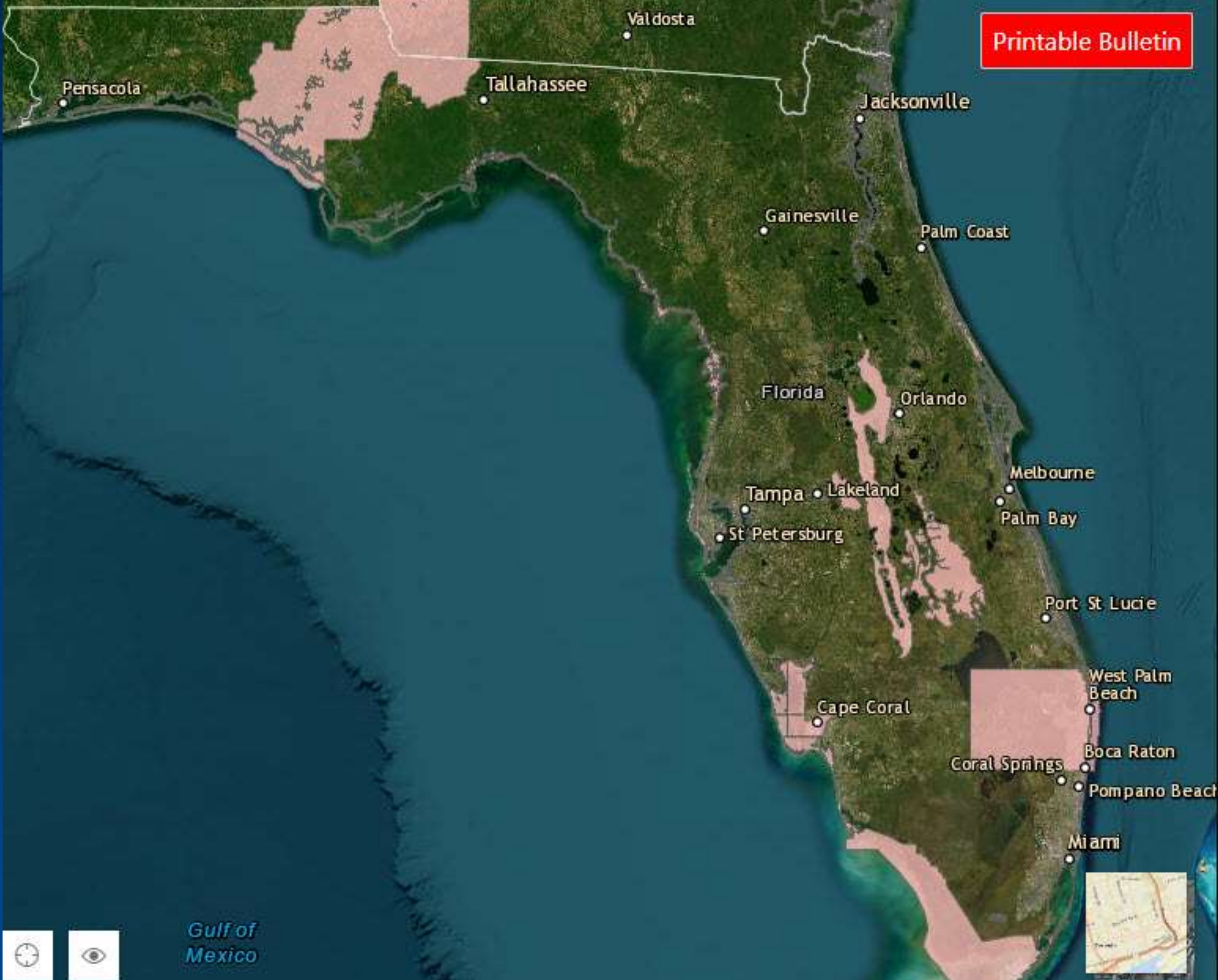
KEEP OUT OF REACH OF CHILDREN CAUTION

| FIRST AID | |
|---|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. |
| IF IN EYES: | <ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. |
| <p>NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.</p> | |
| <p>FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> | |

Mosquito

- Original restriction – no mosquito from April - December

Printable Bulletin



Gulf of Mexico



Mosquito

- Original restriction – no mosquito from April – December
- Since been changed, mosquito exempt
- Feedback critical for this process

Process

- Follow label
- Mitigation points met Y/N?
- Check buffer requirements
- BLT Y/N
- Check if you are in PULA Y/N

How to comply?

- Label
- Up to 4 or 5 different websites that are label now
- Lots more math and boxes to check

Additional Changes

Herbicide Strategy - final

Insecticide Strategy - draft

Rodenticide Strategy – should be final soon

Fungicide Strategy – 2025 or 2026 draft

Vulnerable Species – draft

What do we do?

Familiarize yourself with BLT

Stay up to date with changes

Don't Panic



BLT



UF/IFAS PIO

PIO Blog





Questions?

bwbuilt@ufl.edu