APPROVED DICAMBA FORMULATIONS

FOR USE IN THE ROUNDUP READY® XTEND CROP SYSTEM

NEW INFORMATION FOR 2021

2021

SYSTEM BENEFITS,
WEED MANAGEMENT RECOMMENDATIONS &
EDUCATION ON APPLICATION REQUIREMENTS

AGENDA

THE FOLLOWING TOPICS WILL BE COVERED

- Roundup Ready® Xtend Crop System Benefits
- Label Requirements
- Keeping Pesticides On-Target
- Weed Management Recommendations

IMPORTANT INFORMATION

This presentation is for educational purposes only. Attendance or participation does NOT satisfy the need for mandatory dicamba or auxin-specific training as required by the U.S. EPA labels for dicamba products labeled for use in the Roundup Ready® Xtend Crop System.

- You will NOT receive a completion certificate after viewing this presentation

- To find and register for a mandatory dicamba training that will meet the label requirement for training, please go to:

RoundupReadyXtend.com/Training

Roundup Ready® Xtend Crop System

#1 trait platform planted by farmers[1]

Outstanding Agronomic Performance

Soybeans

- Built on the high-yielding Roundup Ready 2 Yield® technology that farmers know and trust
- When using Roundup Ready 2 Xtend® soybeans as part of the Roundup Ready® Xtend Crop System, farmers see a **3.5 Bu/A advantage** vs. Enlist™ Weed Control System[2] in farmer managed herbicide systems trials
- Top volume XtendFlex® soybeans have a **4+ Bu/A advantage** vs. Enlist E3® soybeans[3] in germplasm trials

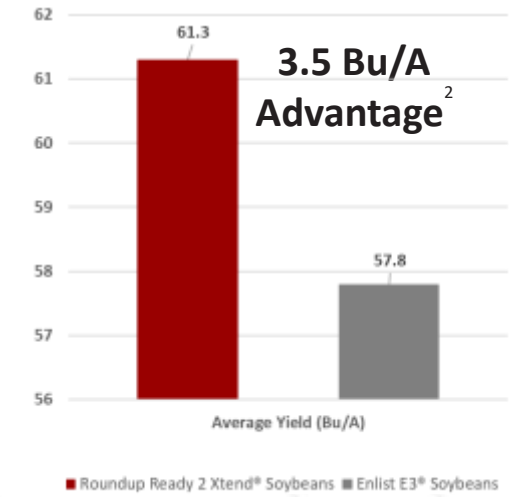
Cotton

- Designed to provide the highest level of performance and control
- Bollgard® 3 XtendFlex® cotton has a **87 lbs./A advantage** vs key competitors in head-to-head testing[4]

Superior Weed Control & Soil Activity

- **Controls more weeds** than any other system[5]
- **Up to 14 day of soil activity** on certain small-seeded broadleaf weeds[6]
- **Proven performance with 95% satisfaction rate** on average over the last four years by farmers who used XtendiMax® herbicide with VaporGrip® Technology, a restricted use pesticide[7]

2020 Summary Farmer Managed - Soybean Trials
Roundup Ready® Xtend Crop System vs Enlist™ Weed Control System



XTENDFLEX SOYBEANS

PRE: Warrant® Ultra herbicide (48 fl oz/A) + XtendiMax® herbicide with VaporGrip® Technology (22 fl oz/A)

Enlist E3®Soybeans

PRE: Enlist One® herbicide (24 fl oz/A) + Sonic® herbicide (4 oz/A)

Location: Renville, MN **Planting Date:** 5/1/2020 **Application Date:** 5/2/2020
Photos taken: roughly 6 weeks after the PRE on 6/12/2020

[1]Based on number of traited acres per Bayer internal estimates

[2] 2020 Farmer Managed Soybean System Trials (57 locations in 2020 reporting data located with 5-IA, 4-IL, 8-IN, 4-KS, 1-KY, 3-MI, 9-MN, 2-MO, 4-ND, 5-NE, 4-OH, 2-PA, 6-SD). Significant at P ≤ 0.05 LSD at 1.0 Bu/A as of 11/23/2020. Roundup Ready® Xtend Crop System data = Roundup Ready 2 Xtend® soybeans with a farmer-selected weed control program that may include dicamba, glyphosate and various residual herbicides. Enlist™ Weed Control System data = Enlist E3® soybeans with a farmer-selected weed control program that may include glyphosate, Enlist One® herbicide, Liberty® 280 SL herbicide and various residual herbicides.

[3] Data as of October 22, 2020. 2020 Bayer Commercial Germplasm Trials (94 locations in 2020 reporting data located in IL, IN, IA, KS, MD, MI, MN, MO, NE, OH, SD, TN, and WI) Bayer Commercial Germplasm Trials = 9 of the top 10 volume forecasted XtendFlex products.

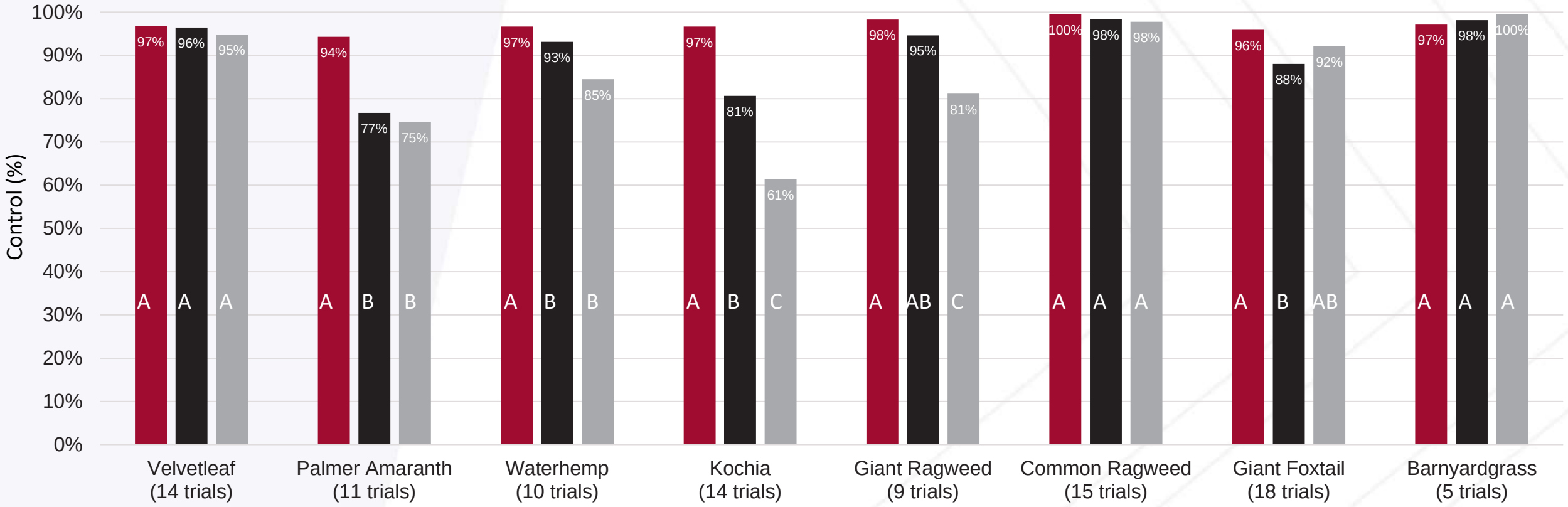
[4] Data as of February 4, 2020. Yield advantage calculated comparing top 3 Bollgard® 3 XtendFlex® varieties by region to top planted Phytogen WideStrike® 3 with Roundup Ready® Flex and Enlist™ varieties by region (USDA – Varieties Planted report – 2019). Texas regions include DP 1820 B3XF, DP 1845 B3XF, DP 1948 B3XF, DP 1835 B3XF, DP 1916 B3XF vs. PHY 250 W3FE, PHY 300 W3FE, PHY 330 W3FE, PHY 350 W3FE, PHY 480 W3FE, PHY 490 W3FE. Midsouth region includes CG 9608 B3XF, DG 3520 B3XF, DG 3570 B3XF vs. PHY 320 W3FE, PHY 330 W3FE, PHY 350 W3FE, PHY 430 W3FE, PHY 580 W3FE. Southeast and Carolinas region includes DG 3615 B3XF, CG 9608 B3XF,
DG 3753 B3XF vs. PHY 300 W3FE, PHY 320 W3FE, PHY 330 W3FE, PHY 340 W3FE, PHY 350 W3FE, PHY 430 W3FE, PHY 440 W3FE, PHY 480 W3FE, PHY 580 W3FE. N= 503 trials (Bayer internal trials and Public Testing) 2017-2019.

[5] Based on approved EPA herbicide labels for the herbicides recommended for use in each system as of Oct. 2020

[6] Results may vary, depending on rainfall and soil type. Always use dicamba with residual herbicides in pre-emergence and postemegence applications that have different, effective sites of action, along with other Diversified Weed Management Practices.

[7] Grower Surveys – August 2017, September 2018, September 2019, October 2020 – All growers surveyed were required to have 50+ acres of Roundup Ready 2 Xtend® soybeans and treat at least some acres with XtendiMax with VaporGrip Technology to qualify. Average of 95% based on results of 97% in 2017, 93% in 2018, 96% in 2019 and 94% in 2020.

Roundup Ready® Xtend Crop System Controls More Weeds Than Any Other System[1]



Means within a colored column followed by the same letter are not statistically different (a=0.1)

Bayer and Academic Soybean System Comparison Trials. 27 locations with reporting data as of 11/10/2020 located in MO, MN, WI, IN, IL, IA, KS, NE, SD, ND, MN, MI, OH, MS, AR, OK, TN, NC, and SC.

Roundup Ready® Xtend Crop System

- **PRE:** XtendiMax® herbicide with VaporGrip® Technology (22 FL OZ/A) + Warrant® Ultra herbicide (48 FL OZ/A)
- **Early POST:** XtendiMax® herbicide with VaporGrip® Technology (22 FL OZ/A) + Roundup PowerMAX® herbicide (32 FL OZ/A) + Warrant® herbicide (48 FL OZ/A)
- **Late POST:** Liberty® herbicide (32 FL OZ/A) + AMS (2.5% V/V)

Enlist™ Weed Control System

- **PRE:** Enlist One® herbicide (24 FL OZ/A) + Sonic® herbicide (4 Fl OZ/A)
- **Early POST:** Enlist One® herbicide (24 FL OZ/A) + Liberty® herbicide (32 FL OZ/A) + Dual II Magnum® herbicide (16 FL OZ/A) + AMS (2.5% V/V)
- **Late POST:** Durango® DMA® herbicide (36 FL OZ/A) + AMS (2.5% V/V)

LibertyLink® System

- **PRE:** Verdict® herbicide (5 FL OZ/A)
- **Early POST:** Durango® DMA® herbicide (36 FL OZ/A) + Liberty® herbicide (32 FL OZ/A) + Outlook® herbicide (12 FL OZ/A)

Plot Design

- Design: Single Rep Strip trials
- Traits: Split in blocks w/ 3 varieties each
- Rep: 1 rep/ variety/ trait
- Herb.: 1 herbicide program / trait
- Some at PPO-resistant sites
- Plot size: 10/25' x 300'
- Buffer: minimum 1 planter pass between blocks
- Map with FieldView

[1] Based on approved EPA herbicide labels for the herbicides recommended for use in each system as of Oct. 2020

For full program requirements, details, qualifying products and applications visit: www.roundupreadyxtend.com/SprayEarly.

SPRAY EARLY WITH CONFIDENCE

WEED CONTROL GUARANTEE

Built On Customizable Weed Management Best Practices

New

Start Clean 21 Day Pre/At Planting Weed Control Guarantee

Up to $15/A[1] for broadleaf weeds for an additional application

Stay Clean 30 Day Post-Emergence Weed Control Guarantee

Up to $15/A[2] for broadleaf weeds & grasses for an additional application

[1] Start Clean - If a farmer experiences less than commercially acceptable performance on labeled weeds within 21 days after the PRE/At Planting application while following all program requirements, Bayer will pay up to $15/acre for broadleaf weeds or up to $12/acre for broadleaf weeds when Warrant® or Warrant Ultra® is not included, to assist in a second PRE/At Planting application on the affected acres (only if respray occurs to manage an additional flush of weeds).

[2] Stay Clean - If a farmer experiences less than commercially acceptable performance on labeled weeds within 30 days after the post-emergence application while following all program requirements, Bayer will pay up to $15/acre (up to $10/acre for broadleaf weeds and up to $5/acre for grasses) or for the North Central Region up to $12/A for broadleaf weeds and grasses when glufosinate is substituted for a labeled PPO-Inhibiting herbicide to assist to assist in a post-emergence application on the affected acres (only if respray occurs to manage an additional flush of weeds).

Bayer PLUS Rewards Enables Maximum Choice

Product Portfolio + Roundup XtendiMax

Agronomic Add-Ons

Partner Products

There are four ways growers can earn rewards

Product Portfolio Incentives

Any 2 products	Earn $3/A
+ Any 3rd product	Earn an additional + $3/A
+ Any 4th product	Earn an additional + $4/A
+ Any 5th product	Earn an additional + $5/A

Only eligible product purchases will qualify. Incentives will be calculated starting with the highest acre product.

Roundup® Brand Agricultural Herbicides/XtendiMax® Incentives

A Roundup® Brand Agricultural Herbicide + One or more eligible Product Portfolio herbicides	Earn an additional + $1/A
XtendiMax® Herbicide* with VaporGrip® Technology** *A Restricted Use Pesticide + **A Roundup® Brand Agricultural Herbicide** + One or more eligible herbicides	Earn an additional + $2/A

**XtendiMax® Herbicide with VaporGrip® Technology must be used with VaporGrip® Xtra Agent (or an approved equivalent vapor-reducing agent).

Agronomic Add-Ons

Each Agronomic Add-On Must qualify for either Product Portfolio Incentive or Roundup® Brand Agricultural Herbicide Incentive first	Earn $0.50/A

Partner Product Incentives

Each Eligible Partner Product Must qualify for Product Portfolio Incentive	Earn $2/A
A Roundup® Brand Agricultural Herbicide† + Eligible Partner Product Must Qualify for Product Portfolio Incentive	Earn an additional + $1/A

†Grower must match acres with a Roundup® brand agricultural herbicide.

See Sales Collateral for listing of all eligible products, requirements and other program Terms & Conditions.

APPROVED FORMULATIONS OF DICAMBA

AS OF DECEMBER 2020

The following formulations of dicamba are approved for use in the Roundup Ready® Xtend Crop System and are discussed herein:

- XtendiMax® herbicide with VaporGrip® Technology **(Bayer)**
- Tavium® Plus VaporGrip® Technology herbicide **(Syngenta)**
- Engenia® Herbicide **(BASF)**

The application requirements discussed herein apply to all labeled uses of these products and any future dicamba products labeled for use in the Roundup Ready® Xtend Crop System.

Some slides contain language from XtendiMax® label; other product label language may vary. Always read and follow the specific product label.

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.

These labels expire 12/20/2025.

PRODUCT STEWARDSHIP

OUR SHARED RESPONSIBILITY

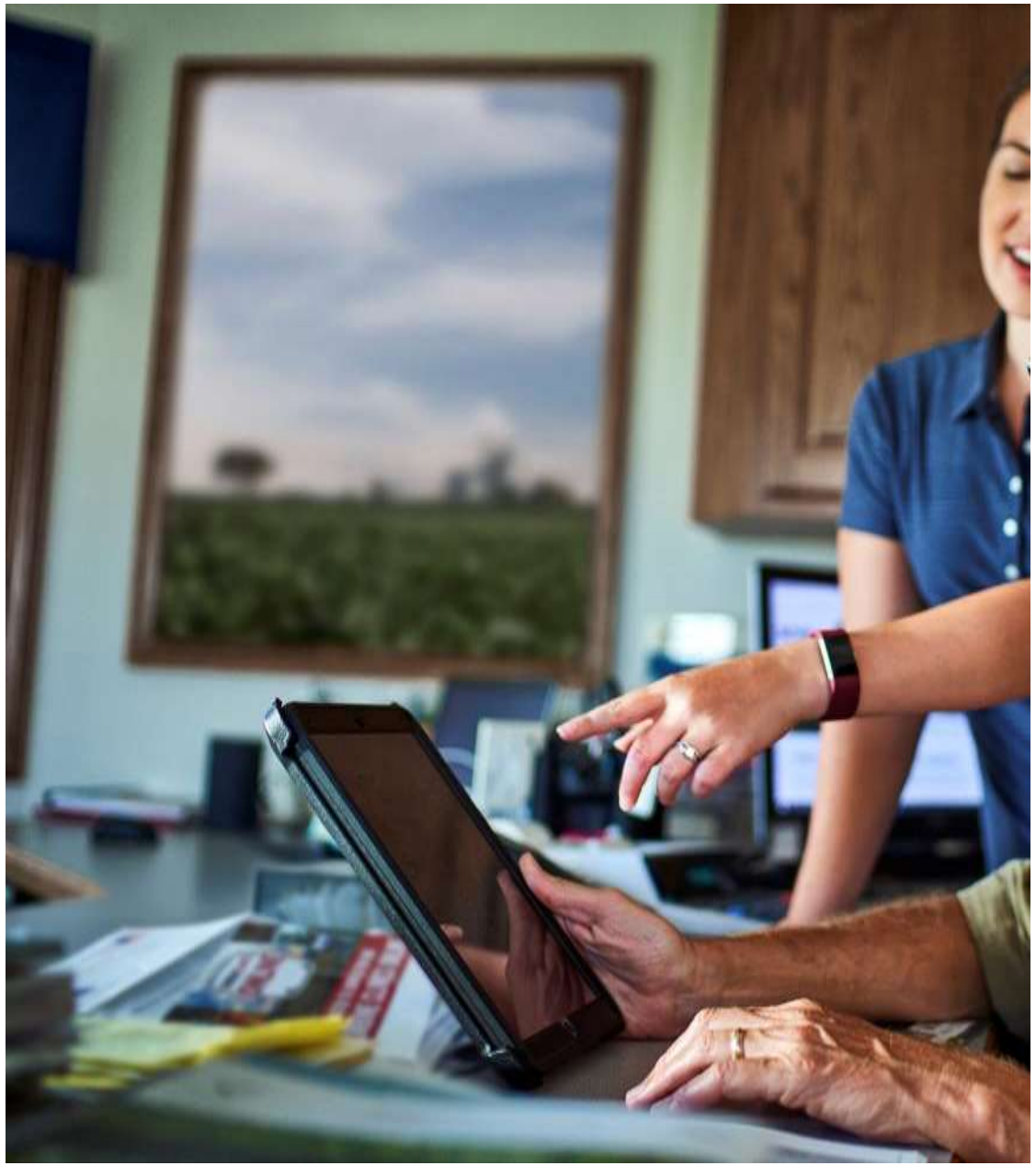
- Product stewardship of dicamba products includes the responsible use of only approved, low-volatility formulations of dicamba in the Roundup Ready® Xtend Crop System and following all application requirements on product labels
- Proper product stewardship helps enable continued access to important weed control technologies
- **Use of any dicamba product that is not approved for over-the-top use in the Roundup Ready® Xtend Crop System is strictly prohibited by Federal and State laws**
- To report any misuse of dicamba products, including the use of unapproved formulations, or if you have any questions related to the proper use of low-volatility formulations of dicamba, contact your Bayer representative or call 1-844-RRXTEND

PRODUCT LABELS

*** Website addresses are extensions of each product label and are subject to change. Certified Applicators are required to visit these website addresses no more than 7 days prior to application of respective product. The information on these websites is not a substitute for reading and following all product labelling.**

ALWAYS FOLLOW ALL LABELING FOR PRODUCT BEING APPLIED

XtendiMax® Herbicide with VaporGrip® Technology **(Bayer)**	www.xtendimaxapplicationrequirements.com
Tavium® Plus VaporGrip® Technology herbicide **(Syngenta)**	**Stewardship:** www.syngenta-us.com/herbicides/tavium-application-stewardship **Tank Mix:** www.TaviumTankMix.com
Engenia® Herbicide **(BASF)**	**Stewardship:** www.engeniastewardship.com **Tank Mix:** www.engeniatankmix.com



GENERAL LABEL INFORMATION

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS

Refer to specific state and local labeling/rulemaking for possible additional labeling information or for certification process.

ALL APPLICATORS MUST COMPLETE ANNUAL DICAMBA TRAINING PROVIDED BY:

- State-Provided Mandatory Training
- OR
- State-Authorized Provider
- OR
- Registrant Provided Training

TOPICS COVERED HEREIN

USE RESTRICTIONS

DO NOT APPLY THIS PRODUCT:

Aerially.

Through any type of irrigation equipment. Do not treat irrigation ditches or water used for crop irrigation or domestic purposes.

To crop under stress due to environmental factors, herbicide injury, mechanical damage, insect pressure, etc.

DO NOT TANK MIX WITH:

Products not found on the application requirements website.

Products containing ammonium sulfate (AMS).

DO NOT MAKE APPLICATION:

If rain that may exceed soil field capacity and result in runoff is expected in the next 48 hours (For prevention of potential runoff when excessive rain may occur).

Without including required Drift Reduction Adjuvant (DRA) and Volatility Reduction Adjuvant (VRA) as listed on the application requirements website.

Approved dicamba formulations may ONLY be applied to crops with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology up to and including **June 30 for soybeans and July 30 for cotton.**

RECORD KEEPING

REQUIREMENTS

- Required for each application of these products.
- The certified applicator must keep required documentation for a period of two years; records must be generated as soon as practical but no later than **72 hours** after application.

  > e.g., if 10 fields are sprayed, 10 sets of records are required, including if the same field is sprayed twice

- Copies of receipts for required VRA and DRA purchases are required and the amounts used in each tank load must be recorded.

Records must be made available to State Pesticide Control Official(s), USDA and EPA upon request.


XTENDIMAX | 2021 APPLICATION RECORD-KEEPING FORM

RECORD KEEPING

REQUIREMENTS

- 14 categories for record keeping requirements

- Record keeping form available online:

www.xtendimaxapplicationrequirements.com

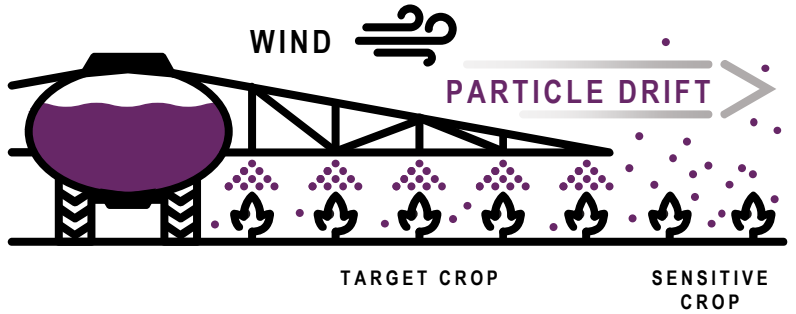
Roundup Ready Xtend Spray App for Apple and Android

Support for label and other application requirements resource materials, weather forecasting, recordkeeping

TYPES OF OFF-TARGET MOVEMENT*

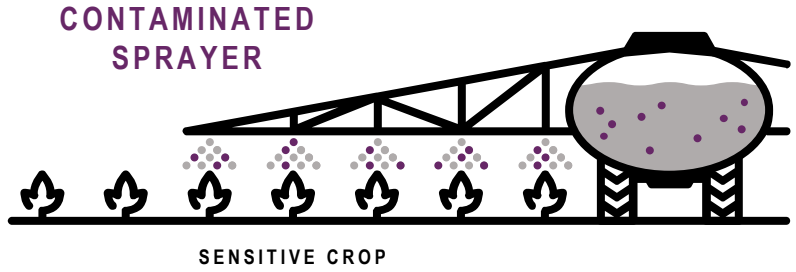
PHYSICAL DRIFT

Physical movement of spray particles **during** spray application



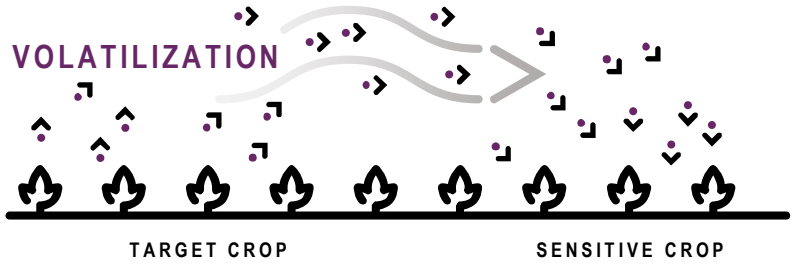
SPRAYER CONTAMINATION

Off-target movement from herbicide residue remaining in sprayer components



VOLATILITY

Movement of an herbicide as a gas or vapor **after** spray application.



*Movement through surface runoff or soil is another form of off target movement. Applicators must be aware of weather forecasts and avoid applications if rainfall that may exceed field capacity is expected in the next 48 hours.

SPRAY DRIFT MANAGEMENT

Do not allow herbicide solution to mist, drip, drift, or splash onto desirable vegetation because severe injury or destruction to desirable broadleaf plants could result.

APPLICATION EQUIPMENT AND TECHNIQUES

KEEPING TRACK OF THE WIND SPEED AND DIRECTION

Measure wind speed at boom height with an anemometer.
Recommended 2 minute sustained average.
(Federal Aviation Administration, 2012)

It is important for the applicator to be aware that wind direction may vary during the application. If wind direction shifts such that the wind is blowing toward adjacent non-dicamba tolerant sensitive crops, the applicator **must STOP** the application.

APPLICATION EQUIPMENT AND TECHNIQUES

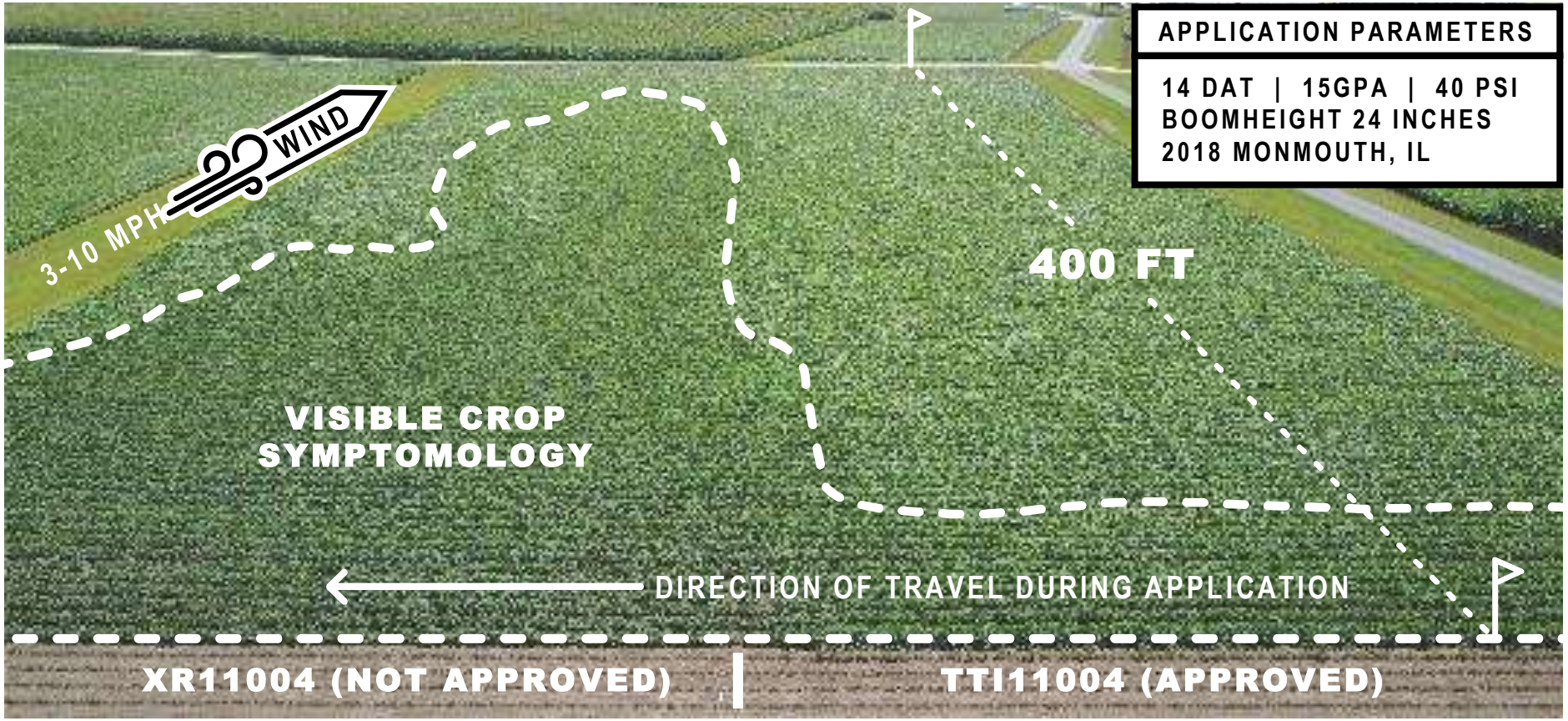
ONLY USE
approved nozzles within the pressure ranges listed on the application requirements website

e.g. www.xtendimaxapplicationrequirements.com

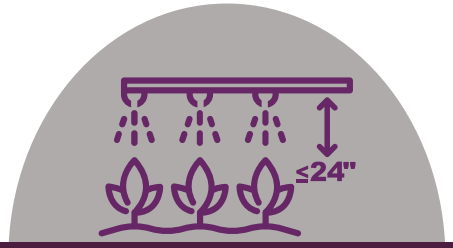
Applicators are required to consult the application requirements website no more than 7 days before application for a complete list of nozzles, VRAs, DRAs, drift reduction technology (DRT) and other herbicides, pesticides, and additives approved for use with these products

DEMONSTRATION ON IMPORTANCE OF PROPER NOZZLES

Nozzle Tip Impact on Drift



APPLICATION EQUIPMENT AND TECHNIQUES



SPRAY BOOM HEIGHT

Maximum boom height is 24 inches from target crop or pest canopy

WIND SPEED

Apply when wind speeds are between 3 - 10 mph

It is important for the applicator to be aware that wind direction may vary during the application. If wind direction shifts such that the wind is blowing toward adjacent non-dicamba tolerant sensitive crops, the applicator **must STOP** the application.

GROUND SPEED

Do not exceed a ground speed of 15 mph

Provided the applicator can maintain the required nozzle pressure, it is recommended that tractor speed is reduced to 5 mph at field edges

APPLICATION EQUIPMENT AND TECHNIQUES

SPRAY VOLUME

Require minimum 15 gallons of spray solution per acre

Use 20 gallons per acre or greater when treating dense weed canopy/vegetation

TEMPERATURE INVERSION

DO NOT APPLY this product during a temperature inversion

APPLICATION TIMING

Apply this product only between **one hour after sunrise and two hours before sunset**

HYGIENE

Failure to properly clean the **entire** system can result in inadvertent contamination of the spray system

OPTIONAL USE OF DRIFT REDUCTION TECHNOLOGY (DRT)

- May be used to reduce off-target movement of spray particles.
  - Example: Hooded/shielded spray boom.
- Qualified DRT and approved nozzles are listed on the application requirements websites.
  - e.g. www.xtendimaxapplicationrequirements.com
- Applications using qualified DRT may benefit from reduced restrictions, such as decreased downwind buffer distance.

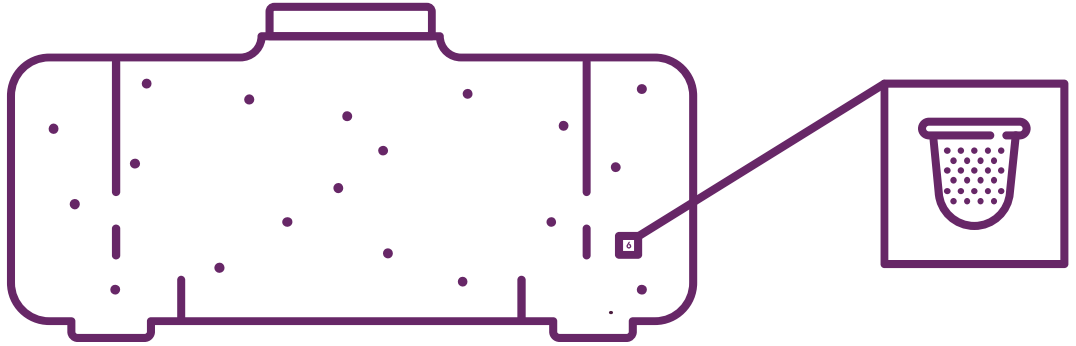
Refer to the application requirements websites for a complete list of approved nozzles, operating pressures, drift reduction technologies and required buffer distance.

SPRAY SYSTEM CLEANOUT

Dicamba contamination may cause injury to non-dicamba-tolerant soybeans and other sensitive crops and certain plants

HOW MUCH DICAMBA CAN CAUSE SYMPTOMOLOGY IN SOYBEANS?

THE EQIVALENT OF A THIMBLE FULL OF FORMULATED DICAMBA PRODUCT IN A 1,000 GALLON SPRAY SOLUTION



MIXING, HANDLING, TRANSPORT AND SPRAY EQUIPMENT CLEANOUT CONSIDERATIONS

TANKS

Drain unused spray mix before cleanout

Ensure all surfaces are cleaned for each rinse

Drain all rinse water between each rinse

VALVES/LINES/HOSES

All valves should be cycled during cleaning

Flush loading ports

Clean flowmeters & associated lines/hoses

SCREENS/BOOMS/NOZZLES

Clean all in-line strainers and suction filters

Clean all nozzles and screens

Flush dead ends and end caps

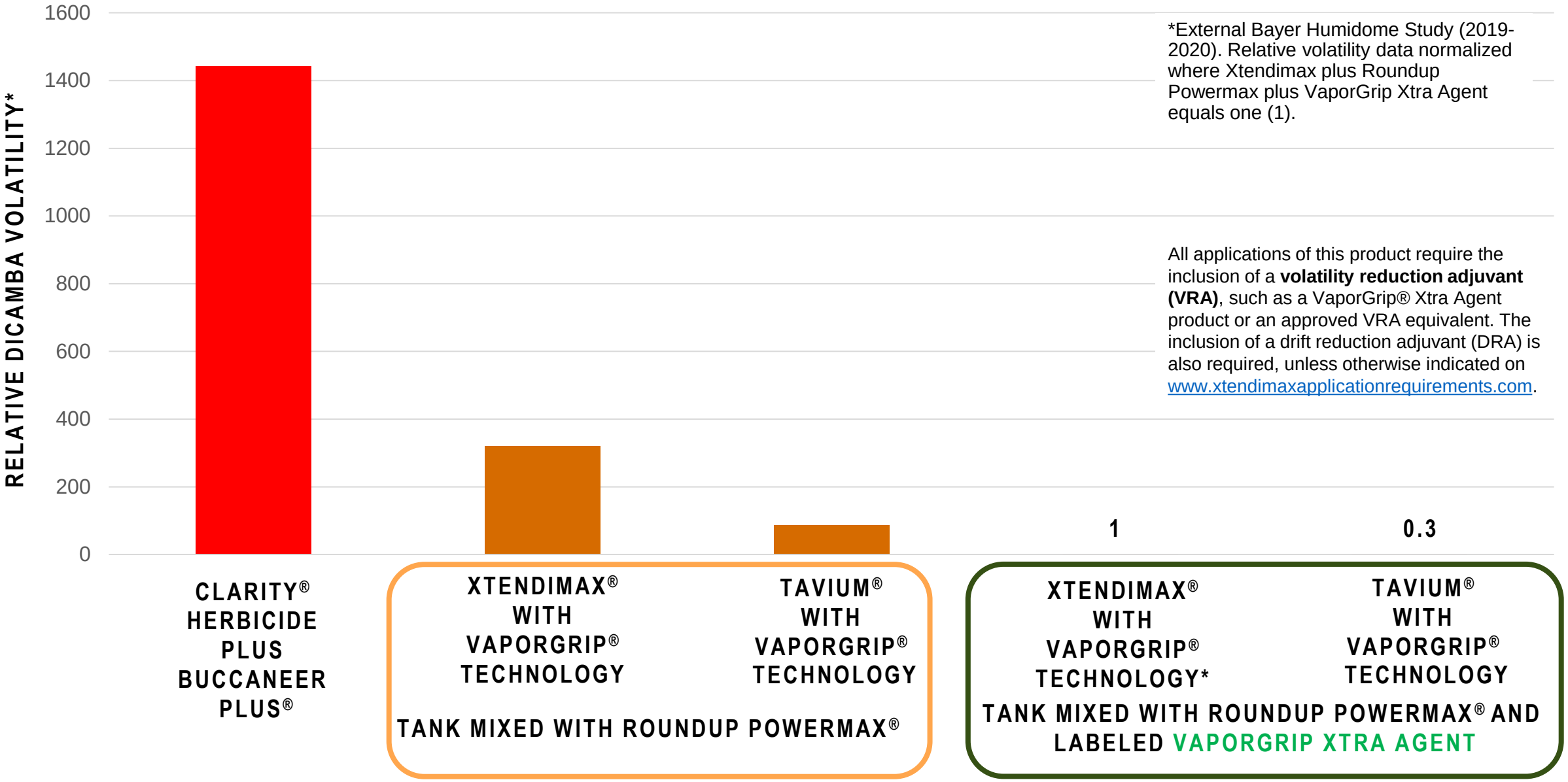
Flush unused nozzle bodies, pressure check valves and nozzle turrets

Refer to the dicamba product label for a complete listing of required sprayer cleanout procedures.
Consider using dedicated equipment for dicamba products.
All rinse water must be disposed of as per state and local guidelines.

TANK MIX PARTNERS MAY IMPACT VOLATILITY AND OFF-TARGET MOVEMENT POTENTIAL

All applications of this product require the inclusion of a **volatility reduction adjuvant (VRA)**, such as a VaporGrip® Xtra Agent product or an approved VRA equivalent. The inclusion of a drift reduction adjuvant (DRA) is also required, unless otherwise indicated at www.xtendimaxapplicationrequirements.com.

IMPACT OF VOLATILITY REDUCTION AGENT AND DICAMBA FORMULATION



*External Bayer Humidome Study (2019-2020). Relative volatility data normalized where Xtendimax plus Roundup Powermax plus VaporGrip Xtra Agent equals one (1).

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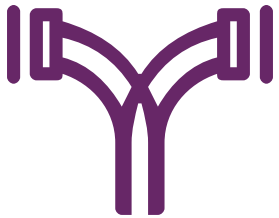
TANK MIXING INSTRUCTIONS

PRODUCT WEBSITES

All applications of this product require the inclusion of a **volatility reduction adjuvant (VRA)**, such as a VaporGrip® Xtra Agent product or an approved VRA equivalent. The inclusion of a drift reduction adjuvant (DRA) is also required, unless otherwise indicated on www.xtendimaxapplicationrequirements.com.



TANK MIX PARTNERS

Websites show approved nozzles, pressure ranges, VRAs, DRAs, tank mixes, and Drift Reduction Technologies (DRTs).

Approved tank mix partners and Required VRAs and DRAs are included on the application requirements websites

Applicator must check the list of approved products no more than 7 days before applying

XtendiMax® Herbicide with VaporGrip® Technology **(Bayer)**

www.xtendimaxapplicationrequirements.com

Engenia® Herbicide **(BASF)**

Stewardship: www.engeniastewardship.com
Tank Mix: www.engeniatankmix.com

Tavium® Plus VaporGrip® Technology herbicide **(Syngenta)**

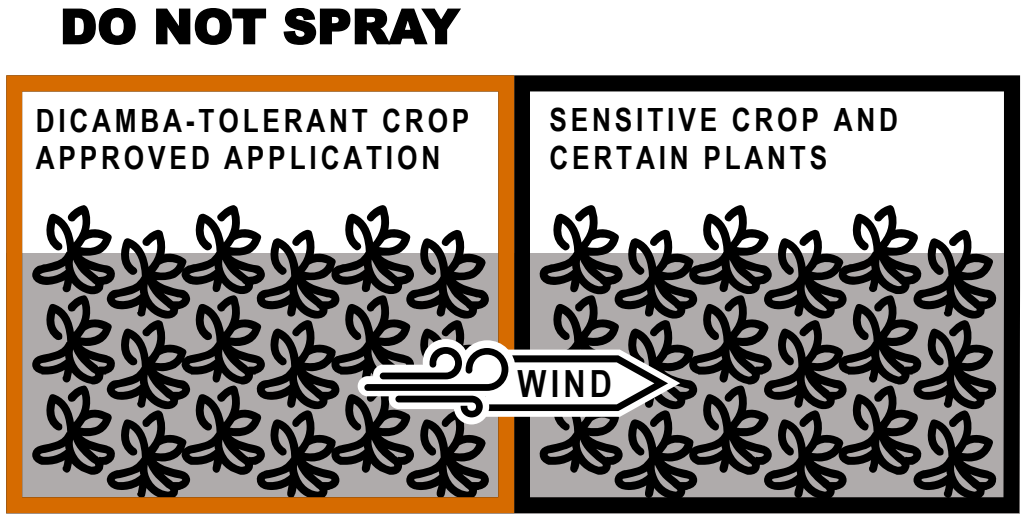
www.TaviumTankMix.com

PROTECTING ADJACENT SENSITIVE CROPS AND CERTAIN PLANTS

PROTECTION OF ADJACENT SENSITIVE CROPS AND CERTAIN PLANTS

DO NOT APPLY this product when the wind is blowing toward adjacent sensitive crops and certain plants; **this includes NON-DICAMBA TOLERANT SOYBEAN AND COTTON**.

> **Sensitive crops and/or certain plants** include, but are not limited to, tomatoes and other fruiting vegetables (EPA crop group 8), fruit trees, cucurbits (EPA crop group 9), grapes, beans, flowers, ornamentals, peas, potatoes, sunflower, tobacco and other broadleaf plants, including if these plants are in a greenhouse.



Contact with foliage, green stems, or fruit of crops, or any desirable plants that do not contain a dicamba tolerance gene or are not naturally tolerant to dicamba, could result in severe plant injury or destruction.

CONFIRM AND DOCUMENT ADJACENT SENSITIVE CROPS AND CERTAIN PLANTS

TAKE TIME TO KNOW YOUR NEIGHBORS AND YOUR SURROUNDINGS

Confirm sensitive crops and certain plants

Preseason consult with neighboring growers on all sides

Susceptible/sensitive crop registry, website, app, etc.

Follow-up prior to application to determine if there are any changes in intentions

Document in the application records that a sensitive crop registry (registry name and date) was consulted AND that adjacent areas were surveyed for sensitive crops and certain plants prior to application

* FieldWatch driftwatch beecheck cropcheck fieldcheck

*Registry examples; consult your state authority for other crop registries. Contact Bayer at 844-RRXTEND for questions.

ADDITIONAL EXAMPLES OF DICAMBA SENSITIVE CROPS

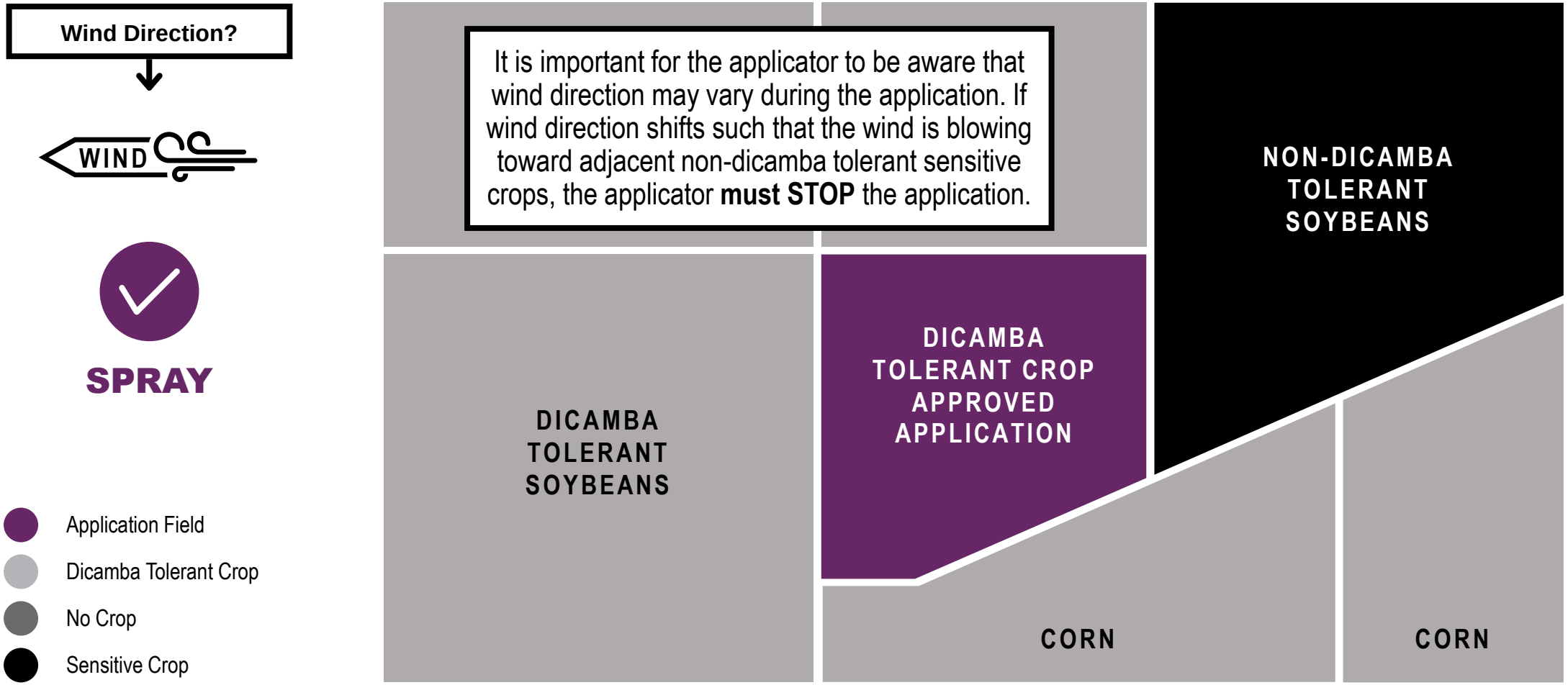
VISUAL SYMPTOMOLOGY SCALE FOR DICAMBA

LOWER	MODERATE	SEVERE	EXTREME
Broccoli Collards Cabbage Kale Mustard Pecan Turnip	Cantaloupe Canola* Cucumber Peach Peanut Squash	Cotton Pepper Tomato Watermelon	Grapes* Lima Bean Southern Pea Snap Bean Soybean Sweet potato* Tobacco*
>1/75X	1/75-1/300X	1/300-1/800X	< 1/800X

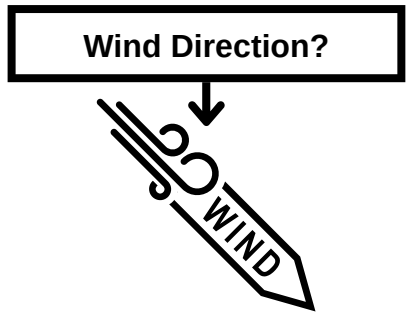
Herbicide Rate of Visually Detectable Symptomology: For relative comparison, tomato, squash, and watermelon response to glyphosate for visual symptomology would be in the “lower” category.

Information adapted from Dr. Stanley Culpepper, University of Georgia Cooperative Extension. Categories indicate sensitivity of listed plants to glyphosate exposure; not the degree of symptomology
Data from literature; all other data generated in over 72 UGA field experiments | Source: GA-018.

PROTECTION OF ADJACENT SENSITIVE CROPS AND CERTAIN PLANTS



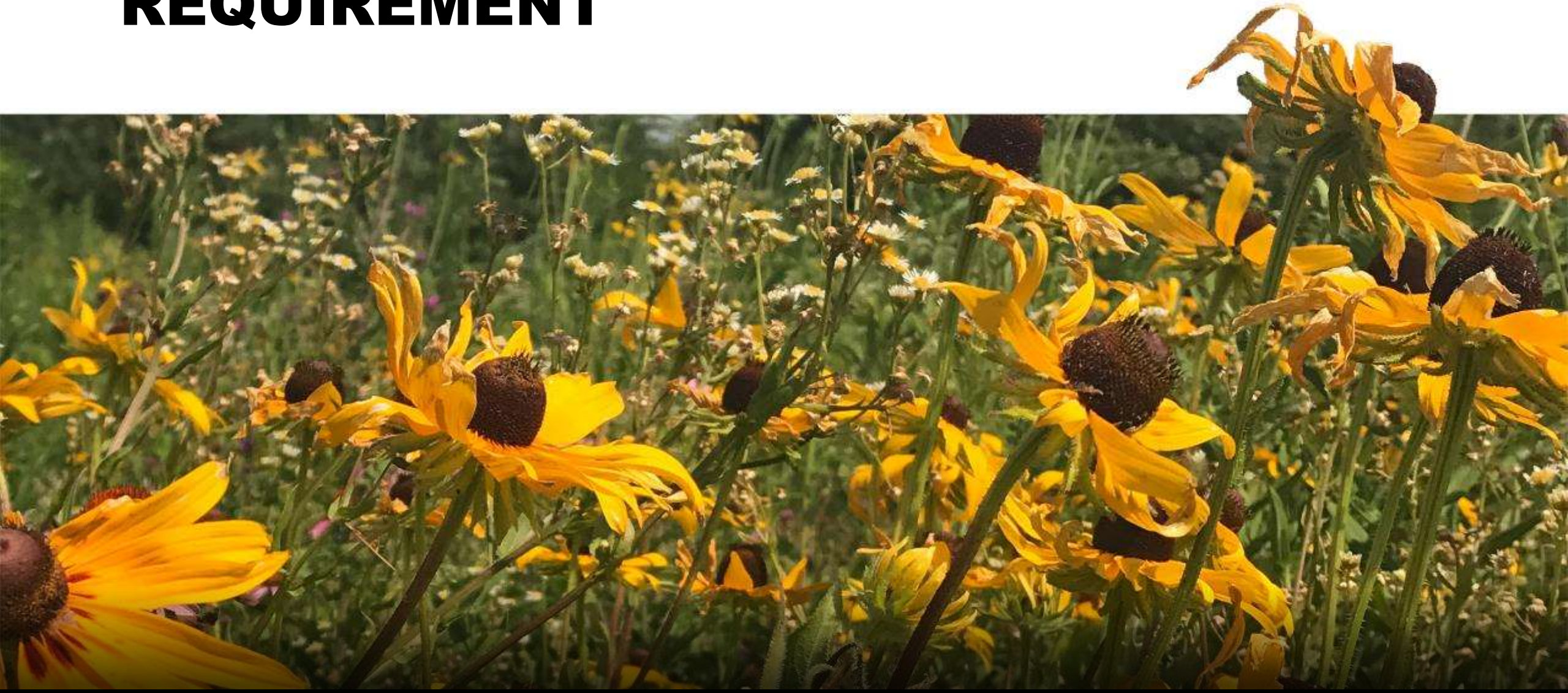
PROTECTION OF ADJACENT SENSITIVE CROPS AND CERTAIN PLANTS



DO NOT SPRAY

- Application Field
- Dicamba Tolerant Crop
- No Crop
- Sensitive Crop

BUFFER REQUIREMENT



BUFFER DISTANCE REQUIREMENT

DOWNWIND ADJACENT AREAS

The applicator **must always maintain** a downwind buffer between the last treated row and the nearest downwind field edge (in the direction the wind is blowing).

240 feet for open-boom sprayers

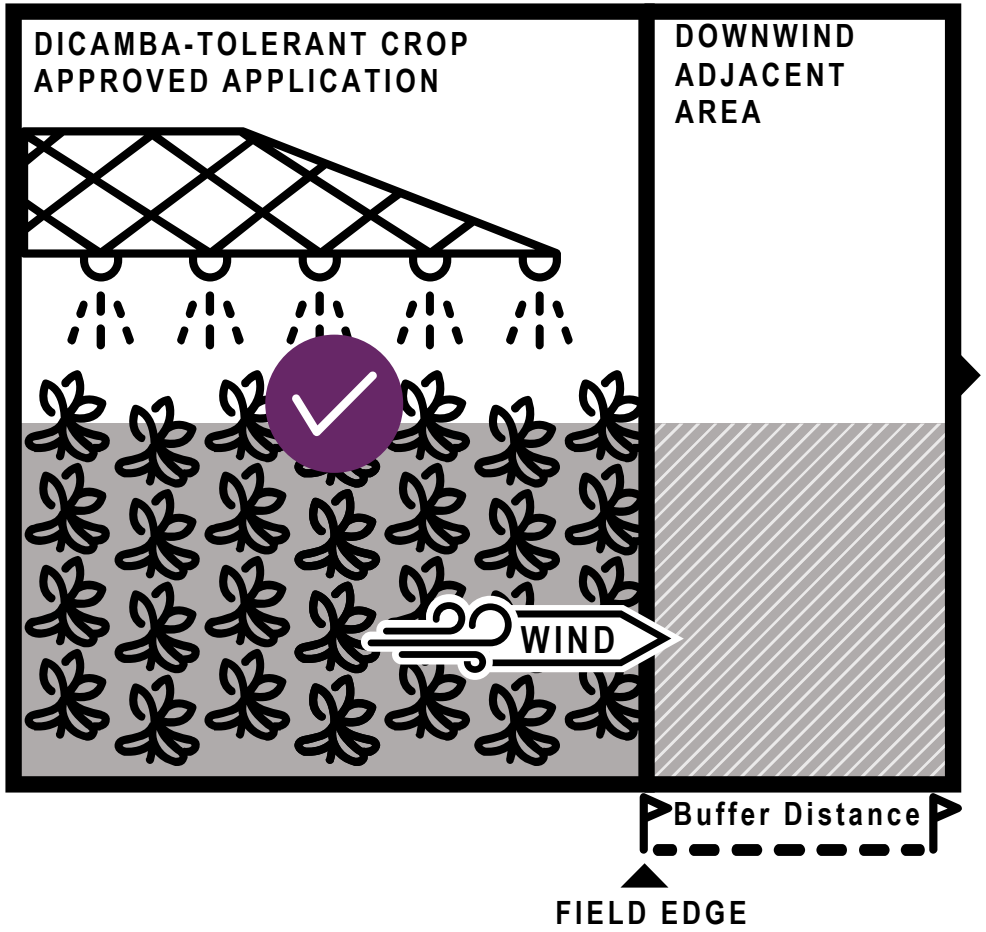
110 feet when using qualified Drift Reduction Technology (certain hooded/shielded broadcast sprayers) as listed on product specific websites

- When using qualified Drift Reduction Technology; certified applicator is required to visit www.xtendimaxapplicationrequirements.com nor more than 7 days prior application to confirm approved equipment and application limitations/directions for specific Drift Reduction Technology employed.

Downwind buffer is not intended for protection of downwind sensitive crops and certain plants

BUFFER COMPOSITION REQUIREMENT

AREAS THAT MAY BE INCLUDED IN BUFFER DISTANCE COMPOSITION



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.

Planted agricultural fields containing: corn, dicamba-tolerant cotton, dicamba-tolerant soybean, sorghum, proso millet, small grains, sugarcane and other crops for which dicamba has a post-emergent approved use.

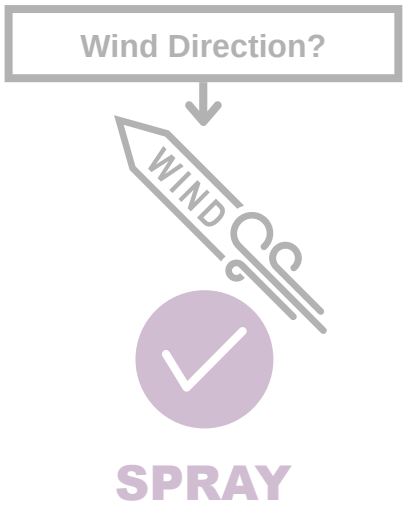
> If the applicator intends to include such crops as dicamba-tolerant cotton and/or dicamba-tolerant soybeans in the buffer distance composition, the applicator must confirm the crops are in fact dicamba tolerant.

Agricultural fields that have been prepared for planting.

Areas covered by the footprint of a building, silo, or other man-made structure with walls and/or roof.

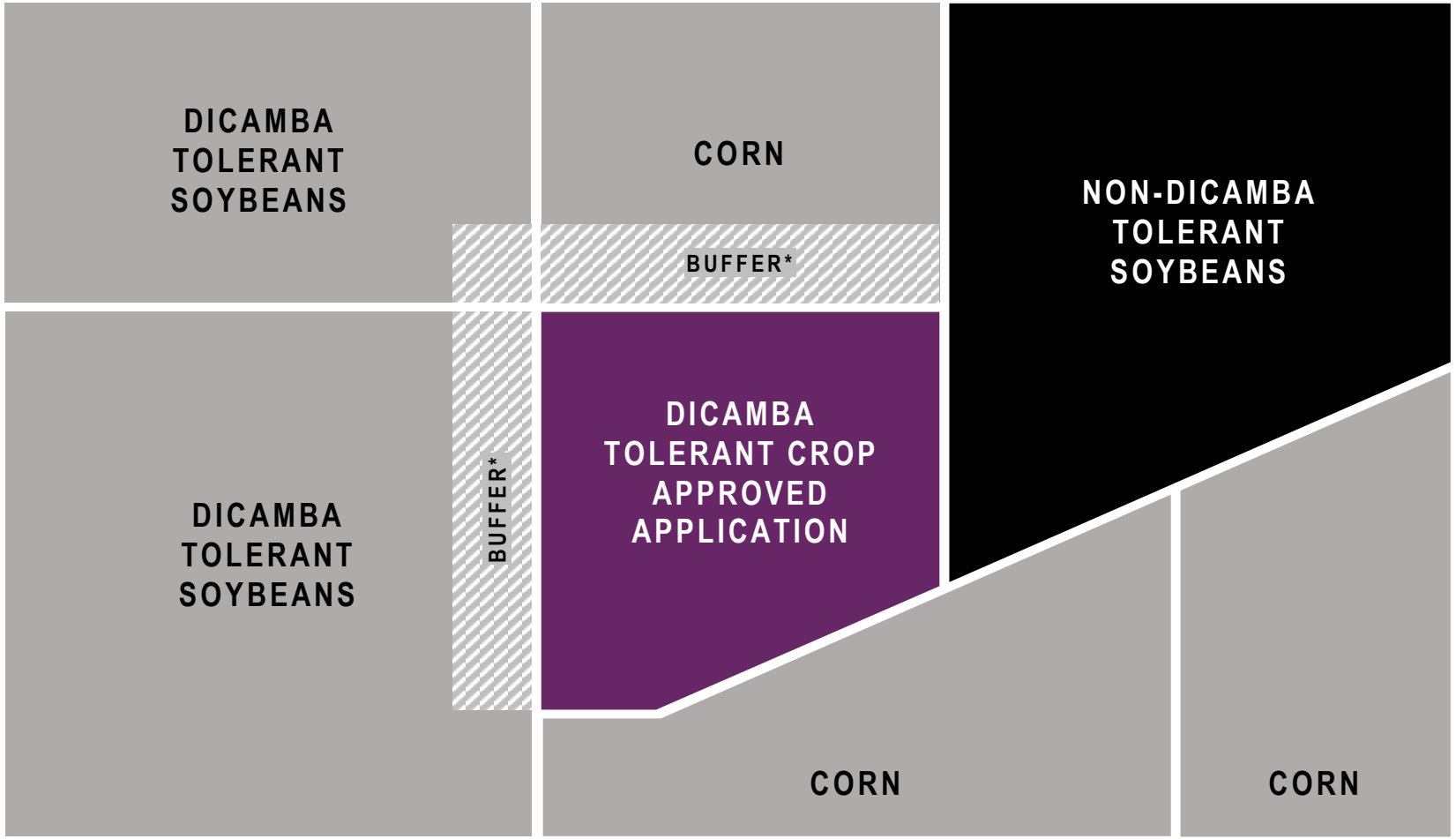
BUFFER REQUIREMENT

DOWNWIND ADJACENT AREAS



Buffers

- Application Field
- Dicamba Tolerant Crop
- No Crop
- Sensitive Crop



*BUFFER COMPOSITION IS 240'. MAY BE REDUCED WHEN UTILIZING QUALIFIED DRT.

BUFFER REQUIREMENT

DOWNWIND ADJACENT AREAS

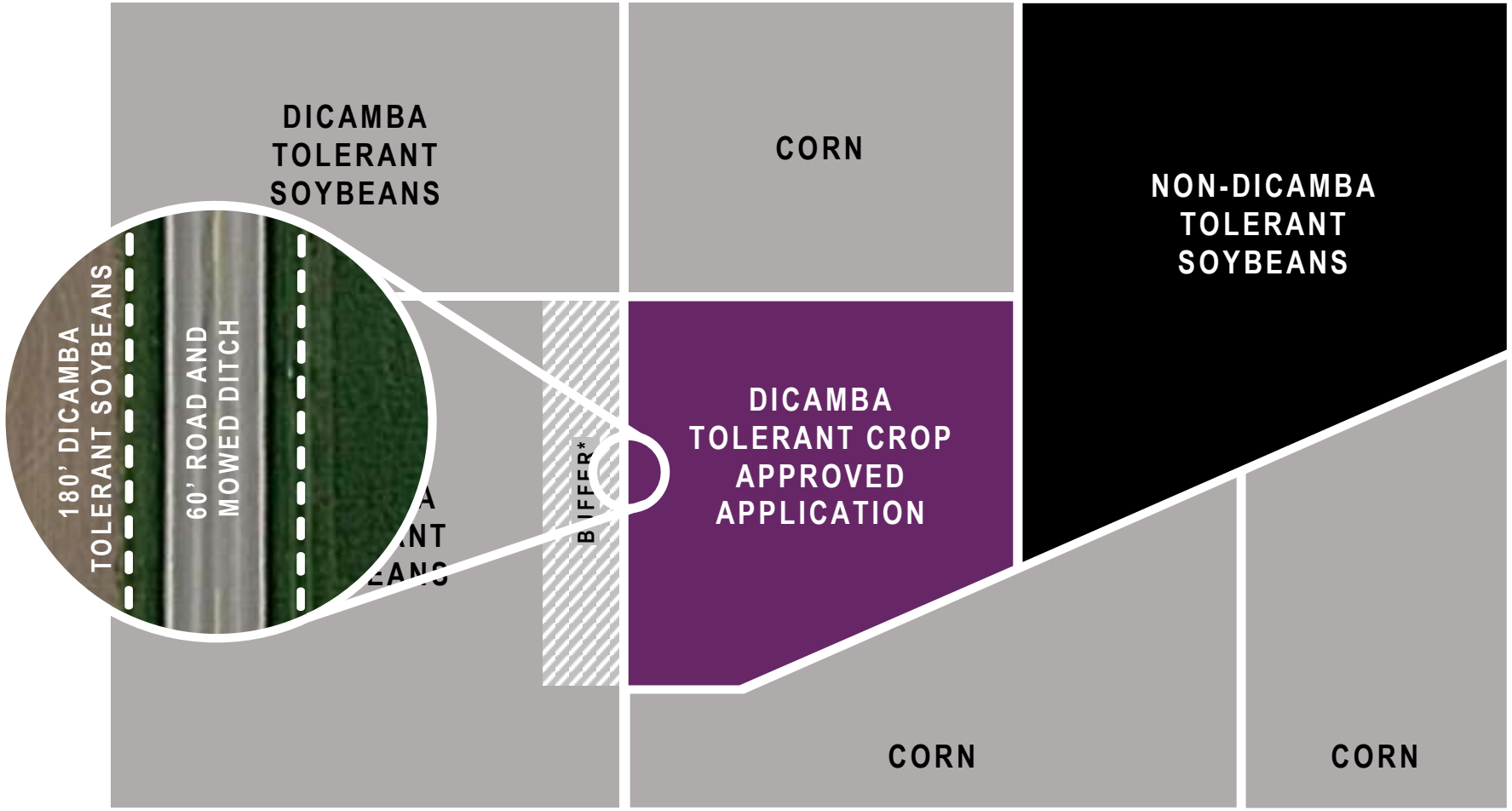
Wind Direction?

WIND

SPRAY

Buffers

- Application Field
- Dicamba Tolerant Crop
- No Crop
- Sensitive Crop



*BUFFER COMPOSITION IS 240'. MAY BE REDUCED WHEN UTILIZING QUALIFIED DRT.

PROTECTING ENDANGERED SPECIES

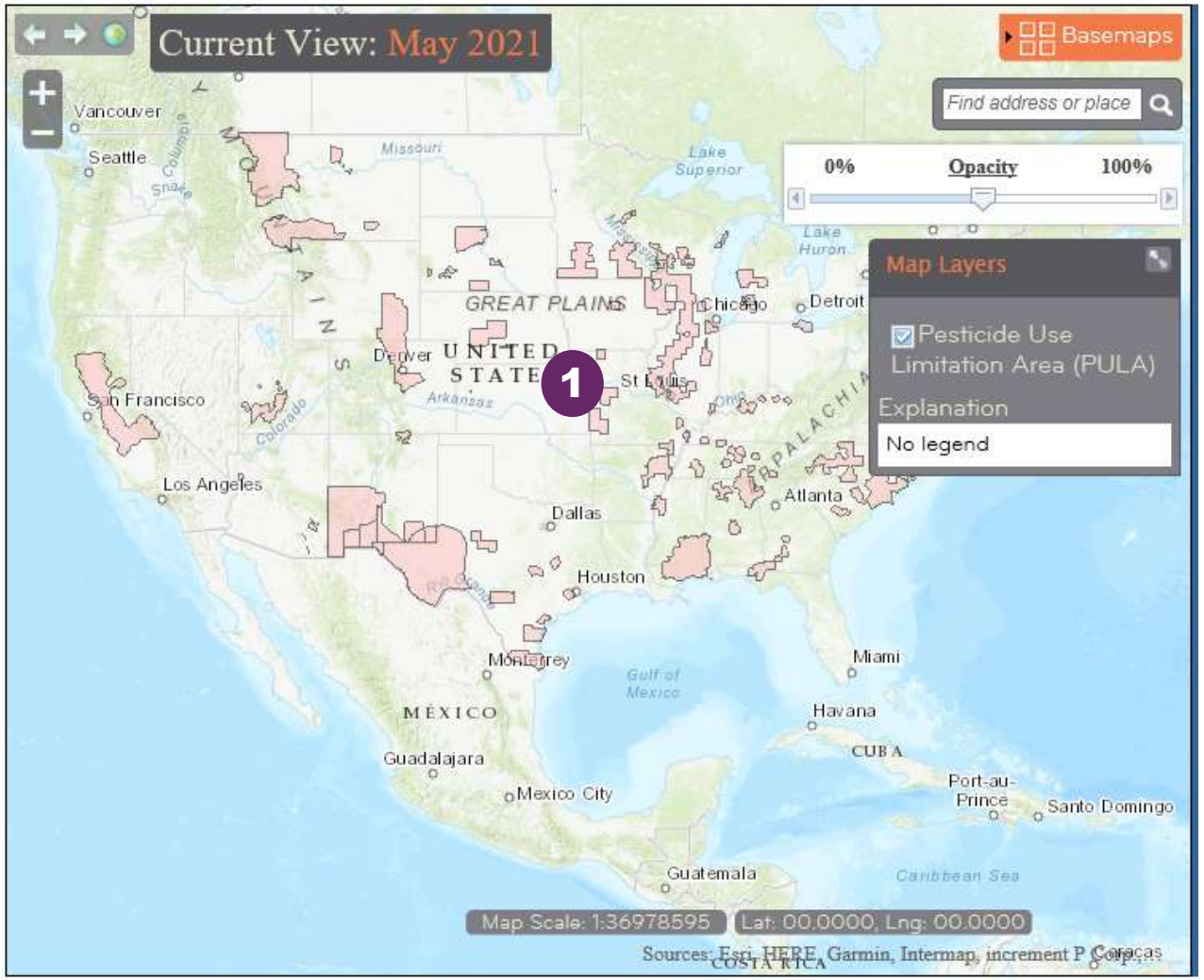
Obtain bulletins no more than six months before using these products

Go to https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins

OR call 1-844-447-3813

You must use the Bulletin valid for the month in which you will apply these products

Applications within Pesticide Use Limitation Areas must follow the requirements contained in the Endangered Species Protection Bulletin



INSTRUCTIONS

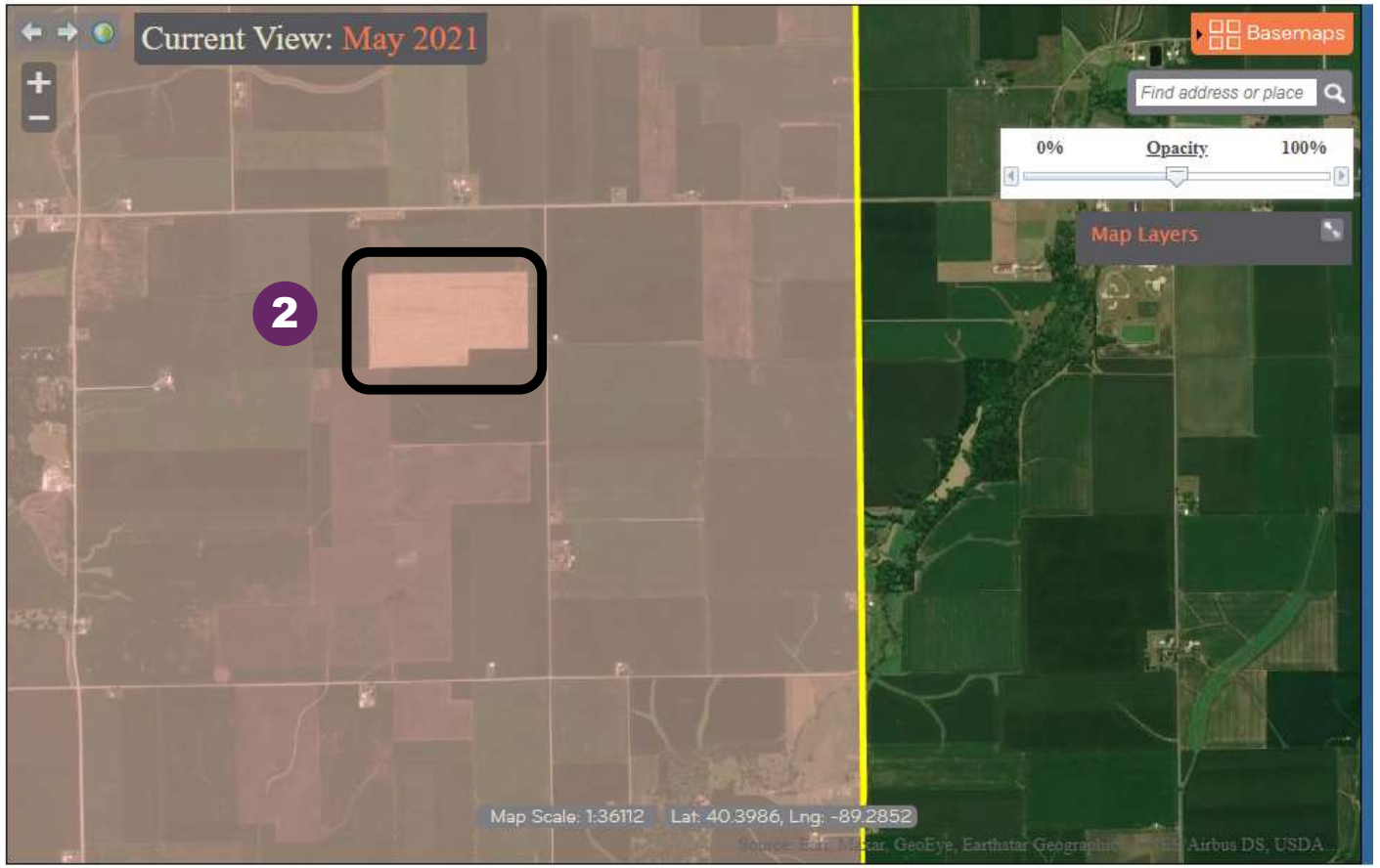
OBTAINING A BULLETIN

1. Zoom in or search to locate your field

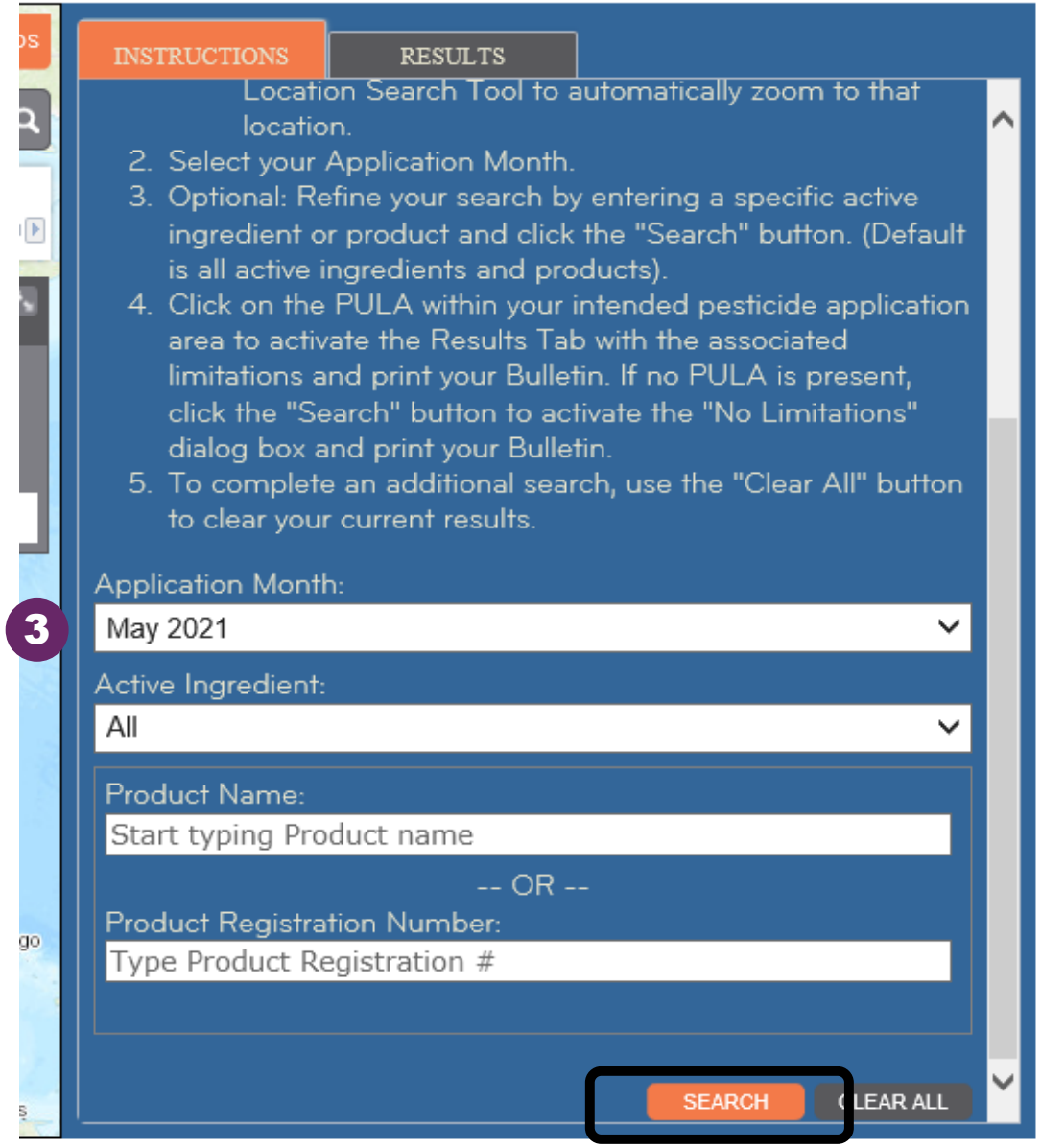
> Satellite image available in basemaps if needed

INSTRUCTIONS

OBTAINING A BULLETIN



1. Zoom in or search to locate your field
   - Satellite image available in basemaps if needed
2. If your field is pink, click on the area (**if not colored, No ESA Limitation**)
   - Outline of area should highlighted



INSTRUCTIONS

OBTAINING A BULLETIN

1. Zoom in or search to locate your field
   - Satellite image available in basemaps if needed
2. If your field is pink, click on the area (**if not colored, No ESA Limitation**)
   - Outline of area should highlighted
3. Designate application month, e.g. “May 2021”
   - Search

INSTRUCTIONS

OBTAINING A BULLETIN

1. Zoom in or search to locate your field
   - Satellite image available in basemaps if needed
2. If your field is pink, click on the area (**if not colored, No ESA Limitation**)
   - Outline of area should highlighted
3. Designate application month e.g. “May 2021”
   - Search
4. Look to the right at **Results***
   - If dicamba products are listed, See Limitations

*All approved pesticides for applications in the PULA will be listed. This example only shows XtendiMax® Herbicide with VaporGrip® Technology for illustration purposes.

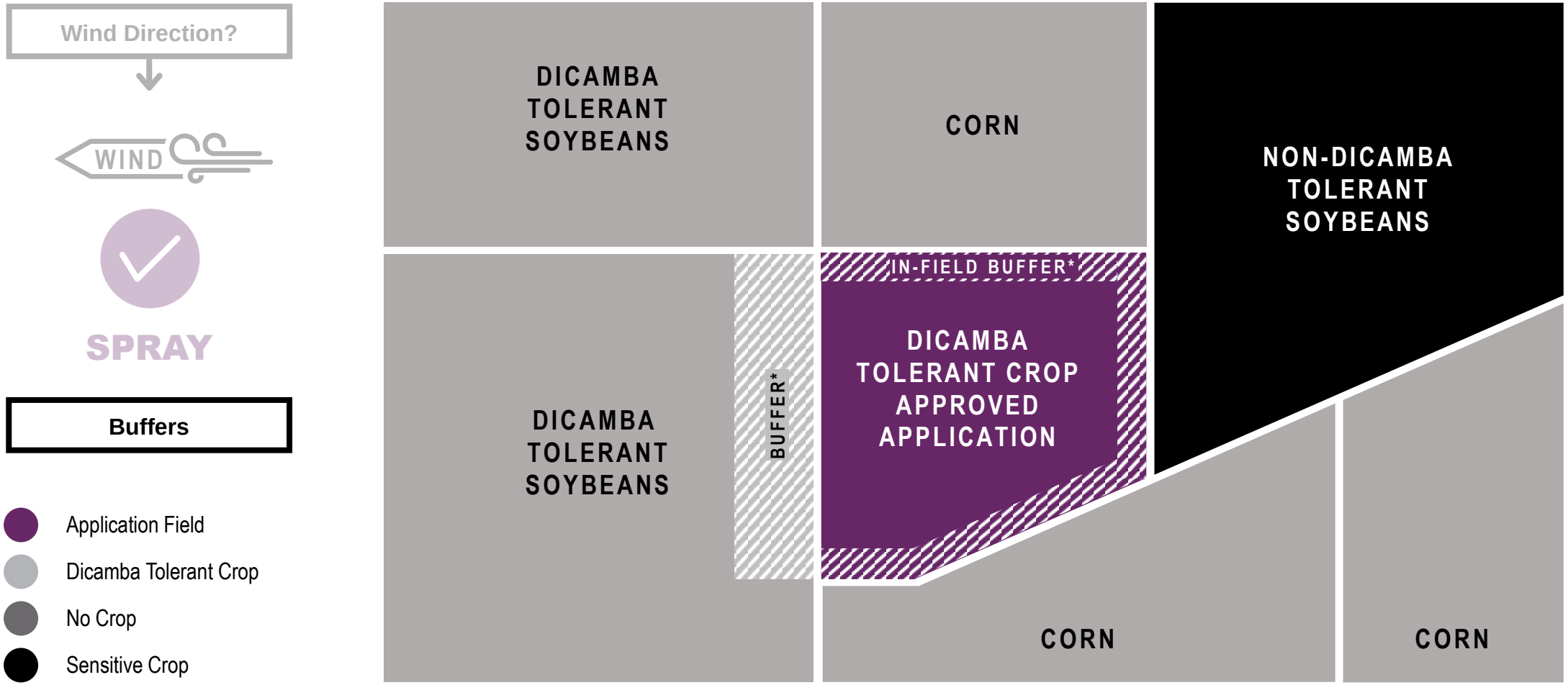
BUFFER REQUIREMENTS SUMMARY

COUNTY REQUIRING OMNIDIRECTIONAL BUFFER

- 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 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:
  - 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.
  - Planted agricultural fields containing dicamba-resistant plantings of cotton and soybeans.
  - Areas covered by the footprint of a building, silo, or other man-made structure with walls and or roof.

BUFFER PROTECTION

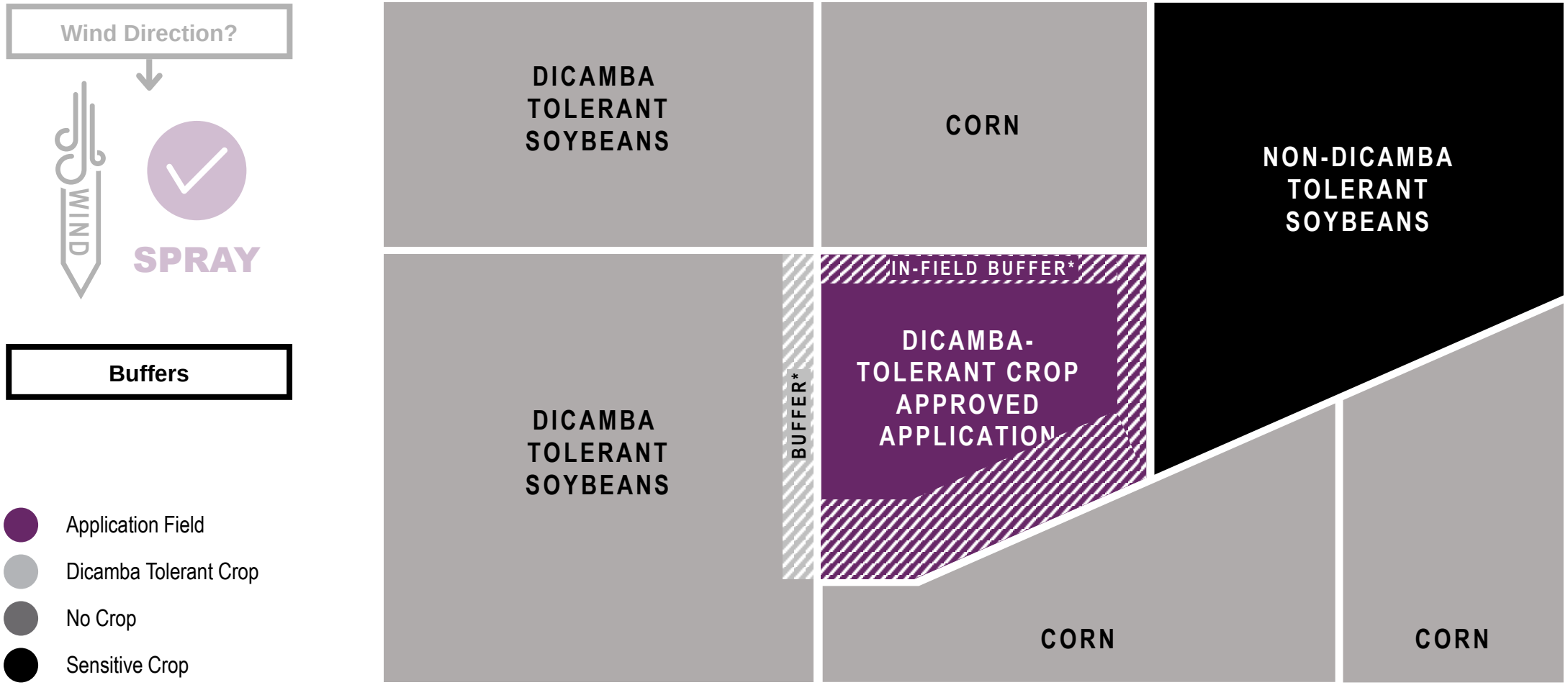
COUNTY REQUIRING OMNIDIRECTIONAL BUFFER



*BUFFER COMPOSITION IS 310' DOWNWIND (MAY BE REDUCED WHEN UTILIZING QUALIFIED DRT) WITH 57' OMNIDIRECTIONAL.

BUFFER PROTECTION

COUNTY REQUIRING OMNIDIRECTIONAL BUFFER



*BUFFER COMPOSITION IS 310' DOWNWIND (MAY BE REDUCED WHEN UTILIZING QUALIFIED DRT) WITH 57' OMNIDIRECTIONAL.

WEED RESISTANCE MANAGEMENT

PRINCIPLES OF WEED RESISTANCE MANAGEMENT

Long-term herbicide resistance management requires more than weed control aimed at minimizing yield loss in a single year

Adopt a multi-year approach

- Knowing existing resistance
- Crop rotation

Effective herbicide resistance management combines:

- Proper scouting (before and after applications)
- System approach to chemical application
  - Multiple Sites of Action
  - Overlapping residuals
- Ensure effective chemical applications
  - Timely applications (< 4 inch weeds)

PRINCIPLES OF WEED RESISTANCE MANAGEMENT

*University of Wisconsin, R. Werle, 2020. 140K population, planted same day.

Use Cultural As Well As Chemical Practices for Weed Management

- Crop rotation
- Cover crops/crop residue
- Sound agronomic practices to increase crop competition
  - Row spacing (example left)
  - Pest management
  - Soil health

PRINCIPLES OF WEED RESISTANCE MANAGEMENT

Multiple sites of action that are effective against the most troublesome weeds

- Choosing effective site of action is key
- Knowing if herbicide is active preemergence, postemergence, or both is important to understand
- Whenever practical, Multiple Sites of Action should be applied in the same application for PRE and POST weed control

https://iwilltakeaction.com/uploads/files/2020-take-action-herbicide-classification-chart.pdf

WEED EXAMPLES

COMMON WATERHEMP

Amaranthus rudis

SEEDS/PLANT
250K

SITE OF ACTION	1 ACCASE INHIBITORS	2 ALS INHIBIT	2 ALS INHIBITORS	4 SYNTHETIC AUXINS	5 PHOTOSYSTEM II INHIBITORS	9 EPSP SYNTHASE INHIBITOR	14 PPO INHIBITORS	27 HPPD INHIBITORS	AIN TORS	22 PHOTOSYSTEM I ELECTRON DIVERTER	27 HPPD INHIBITORS
PRODUCT EXAMPLES (Trade Name®)	Assure II, Select Max	Class Pursu							ess	Gramoxone®, (paraquat)	Callisto, Laudis

KNOWN RESISTANCE

TakeACTION Herbicide-Resistance Management

WEED EXAMPLES

PALMER AMARANTH

Amaranthus palmeri

SEEDS/PLANT
600K

SITE OF ACTION	1 ACCASE INHIBITORS	2 ALS INHIBITORS	3 MICROTUBULE INHIBITORS	5 PHOTOSYSTEM II INHIBITORS	9 EPSP SYNTHASE INHIBITOR	14 PPO INHIBITORS	27 HPPD INHIBITORS	22 PHOTOSYSTEM I ELECTRON DIVERTER	27 HPPD INHIBITORS
PRODUCT EXAMPLES (Trade Name®)	Assure II, Select Max	KNOWN RESISTANCE						Gramoxone®, (paraquat)	Callisto, Laudis

EFFECTIVE APPLICATIONS

WEED HEIGHT

*2018. Tennessee. Palmer Pigweed

FOR BEST RESULTS, SPRAY WEEDS THAT ARE 4 INCHES OR SHORTER

APPLICATIONS OF LOW-VOLATILITY FORMULATIONS OF DICAMBA

WEED RESISTANCE MANAGEMENT

Use **LABELED RATE** for in-crop applications (0.5 lb ae/A)

BRAND	RATE
XtendiMax® Herbicide with VaporGrip® Technology **(Bayer)**	**22 fl oz/A**
Engenia® Herbicide **(BASF)**	**12.8 fl oz/A**
Tavium® Plus VaporGrip® Technology herbicide **(Syngenta)**	**56.5 fl oz/A**

\+ Approved VRA, and DRA if required*

* see product label website for approved tank-mix (eg www.xtendimaxapplicationrequirements.com)

Consider **ENVIRONMENTAL FACTORS** for applications

- 4 hour rainfast period
- Drought and cold stress can reduce effectiveness
- Spray while weeds are actively growing

PRESSURE IMPACT ON WEED COVERAGE

SPRAY PRESSURE SHOULD BALANCE WEED COVERAGE AND PRODUCTION OF FINE SPRAY PARTICLES

1 Both pressures shown below are within approved range; yet higher PSI improves coverage

2 Ensure appropriate sprayer ground speed and operating pressure

30 PSI - INCOMPLETE PATTERN

60 PSI - FULL PATTERN

Approved Dicamba + Approved Glyphosate + Approved DRA (0.5% v/v) + Approved VRA
Applied at 15 GPA

CROP SPECIFIC RESTRICTIONS

IN THE ROUNDUP READY® XTEND CROP SYSTEM

Approved dicamba formulations may be applied to crops with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology up to and including **June 30 for soybeans and July 30 for cotton.**

PRE-EMERGENT/BURNDOWN:	IN-CROP:
Apply 0.5 lb ae/acre in single application	Apply 0.5 lb ae/acre in single application
Two applications maximum before crop emergence	Two applications maximum after emergence

Maximum seasonal use rate allowance for dicamba products is 2 lbs ae/acre.

Refer to specific product labels for product rates and growth stage timings for crop response concerns; e.g. R1 for soybeans with XtendiMax® Herbicide with VaporGrip® Technology.

EXAMPLE OF GOOD WEED MANAGEMENT SYSTEM

ROUNDUP READY 2 XTEND® SOYBEANS*

Soybean

Overlapping residual herbicides are important along with multiple sites of action

TIMING	PRACTICE	EXAMPLE RECOMMENDATION**
Before Planting	Burndown or Start Clean with Tillage	Roundup PowerMAX® Herbicide (32 oz) + XtendiMax® Herbicide with VaporGrip® Technology (22 oz) + labeled Drift Reduction Adjuvant (DRA) + labeled Volatility Reduction Adjuvant (VRA)
At Planting	Pre	Valor® EZ Herbicide (2 oz), Valor® XLT Herbicide (3 oz), Fierce® Herbicide (3 oz) or Warrant® Herbicide (3-4 pt) + metribuzin (0.25 lb)
Post 1 Over-the-top	Post 1 < 4" weeds and within 20-30 days after PRE Application	Roundup PowerMAX® Herbicide (32 oz) + XtendiMax® Herbicide with VaporGrip® Technology (22 oz) + labeled DRA + labeled VRA Warrant® Herbicide (3-4 pt) or Warrant® Ultra Herbicide (50 oz)
Post 2 Over-the-top	Post 2	Cobra® Herbicide (10 oz) + COC (1% v/v) to control any weed escapes prior to R6

*Check with your local dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state.
**Contact your local retailer, company representative or extension service for specific regional weed management recommendations.

EXAMPLE OF GOOD WEED MANAGEMENT SYSTEM

XTENDFLEX® SOYBEANS*

Soybean

Overlapping residual herbicides are important along with multiple sites of action

TIMING	PRACTICE	EXAMPLE RECOMMENDATION**
Before Planting	Burndown or Start Clean with Tillage	Roundup PowerMAX® Herbicide (32 oz) + XtendiMax® Herbicide with VaporGrip® Technology (22 oz) + labeled Drift Reduction Adjuvant (DRA) + labeled Volatility Reduction Adjuvant (VRA)
At Planting	Pre	Valor® EZ Herbicide (2 oz), Valor® XLT Herbicide (3 oz), Fierce® Herbicide (3 oz) or Warrant® Herbicide (3-4 pt) + metribuzin (0.25 lb)
Post 1 Over-the-top	Post 1 < 4" weeds and within 20-30 days after PRE Application	Roundup PowerMAX® Herbicide (32 oz) + XtendiMax® Herbicide with VaporGrip® Technology (22 oz) + labeled DRA + labeled VRA Warrant® Herbicide (3-4 pt) or Warrant® Ultra Herbicide (50 oz)
Post 2 Over-the-top	Post 2	Liberty® Herbicide (29 oz) to control any weed escapes up to R1 growth stage

*Check with your local dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state.
**Contact your local retailer, company representative or extension service for specific regional weed management recommendations.

EXAMPLE OF GOOD WEED MANAGEMENT SYSTEM

Cotton

COTTON WITH XTENDFLEX® TECHNOLOGY*

Overlapping residual herbicides are important along with multiple sites of action

TIMING	PRACTICE	EXAMPLE RECOMMENDATION**
Before Planting	Early Burndown or Start Clean with Tillage	Roundup PowerMAX® II Herbicide (32 oz) + 2,4-D (16-32oz) or dicamba (0.25-0.5 lb)
At Planting	Pre	Gramoxone® SL 2.0 Herbicide (2-4 pt) + Warrant® Herbicide (3 pt) + diuron (1.5 pt)
Post	Post 1 < 4" weeds and within 14-18 days after planting	Roundup PowerMAX® II Herbicide (32 oz) + XtendiMax® Herbicide with VaporGrip® Technology (22 oz) + Warrant® Herbicide (3 pt) + labeled Drift Reduction Adjuvant (DRA) + labeled Volatility Reduction Adjuvant (VRA)
Post	Post 2 32-39 days after planting	Roundup PowerMAX® II Herbicide (32 oz) + XtendiMax® Herbicide with VaporGrip® Technology (22 oz) + labeled DRA + labeled VRA or Liberty® Herbicide (32 oz)
Post	Lay-by hooded sprayer	Diuron (1.5 pt) + Roundup PowerMAX® II Herbicide (32 oz) or MSMA (2 lbs ai)

*Check with your local dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state.
**Contact your local retailer, company representative or extension service for specific regional weed management recommendations.

WEED MANAGEMENT IN BUFFER AREA

Weed management in buffer areas should be unique to each situation, options include:

- Glufosinate in XtendFlex® soybeans/cotton
  - PPO or other herbicide options
- Use higher labeled rates of residual herbicides and additional SOA in possible buffer areas
- XtendiMax® Herbicide with VaporGrip® Technology may be applied in certain downwind buffer areas used in a previous application
  - Wait for change in wind direction, determine new buffer distances and adhere to all other application requirements (including endangered species restrictions)
- Contact your Bayer technical or sales representatives for local recommendations

APPLICATIONS OF LOW-VOLATILITY FORMULATIONS OF DICAMBA

Contact the appropriate company if you:

- Experience poor performance on labelled weeds or suspect weed resistance
- Have off-target movement inquiries
- Have crop response inquiries
- Have questions about sensitive crop registries

XtendiMax® Herbicide with VaporGrip® Technology	Tavium® Plus VaporGrip® Technology herbicide	Engenia® Herbicide
1-844-RRXTEND	1-866-796-4368	www.engeniaquestions.com
www.roundupreadyxtend.com	www.syngenta-us.com	

DISCLAIMER

- **Bayer is a member of Excellence Through Stewardship® (ETS).** Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

  XtendiMax® herbicide with VaporGrip® Technology is part of the Roundup Ready® Xtend Crop System, is a restricted use pesticide and must be used with VaporGrip® Xtra Agent (or an equivalent vapor reducing agent). For approved tank-mix products (including VRAs and DRAs), nozzles and other important label information visit XtendiMaxApplicationRequirements.com.

  ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

  ***B.t.* products** may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

  The RRXtend Spray App provides forecasts for locations within the contiguous United States. Do not use this app for forecasts outside the contiguous United States. Forecasts are for planning purposes only and are not a substitute for checking actual weather conditions at your location at the time of application and comply with the product label and other legal requirements.

  Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

  Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate** will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. **Glufosinate** will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

  Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. XtendiMax® is a restricted use pesticide. Not all products are registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local dealer or representative for the product registration status in your state. Bayer, Bayer Cross, Bollgard®, Respect the Refuge and Cotton Design®, Roundup PowerMAX®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, VaporGrip®, Warrant®, XtendFlex® and XtendiMax® are registered trademarks of Bayer Group. Gramoxone® is a registered trademark of a Syngenta group company. Liberty® and LibertyLink® and the Water Droplet Design® are trademarks of BASF Corporation. Cobra® , Fierce® and Valor® are registered trademarks of Valent U.S.A. Corporation. Some of the product(s) discussed herein are restricted use pesticide(s) and may not be registered in all states. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local dealer or product representative for the product registration status in your state. All other trademarks are the property of their respective owners. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at www.BayerCropScience.us. Bayer CropScience LP, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2021 Bayer Group. All rights reserved.

APPENDIX

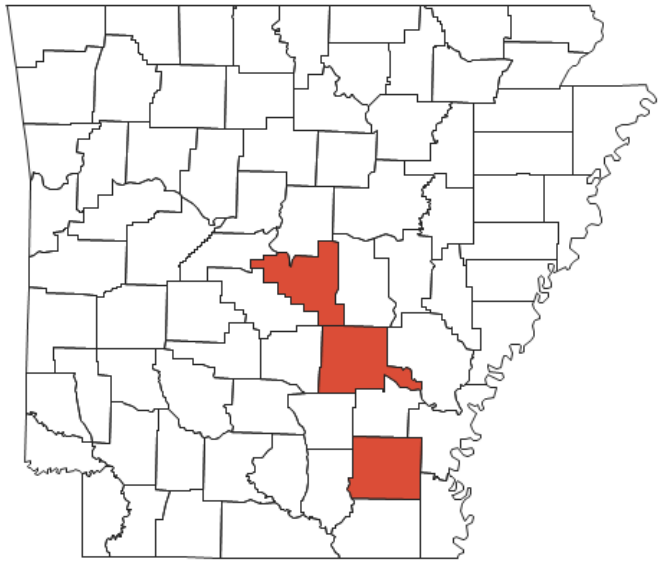
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

ALABAMA

Autauga	Dallas	Madison
Baldwin	DeKalb	Marshall
Calhoun	Elmore	Morgan
Cherokee	Etowah	St. Clair
Chilton	Franklin	Sumter
Colbert	Jackson	
Cullman	Lawrence	

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



ARKANSAS

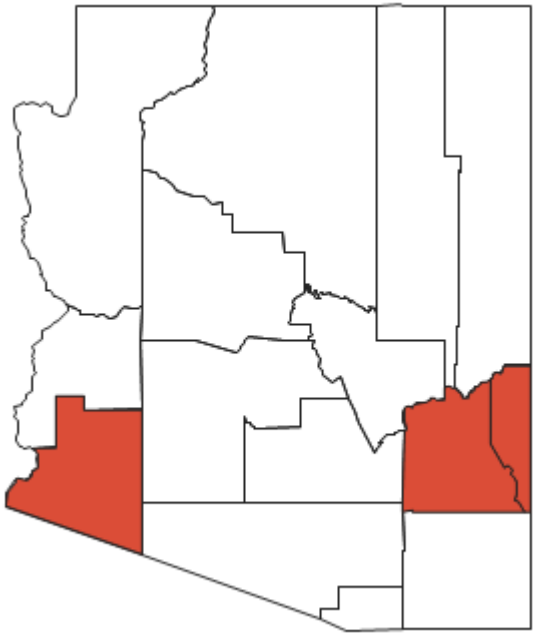
Drew

Jefferson

Pulaski

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



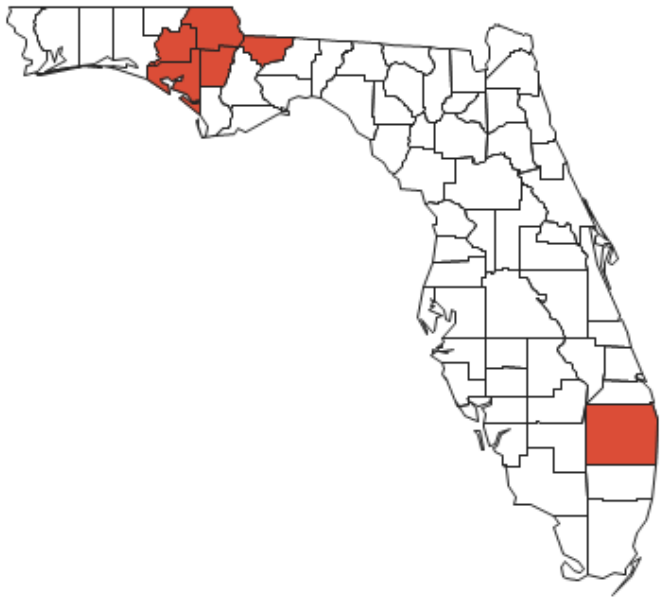
ARIZONA

Graham

Greenlee

Yuma

* = current as of December, 2020



COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

FLORIDA

Bay

Calhoun

Gadsden

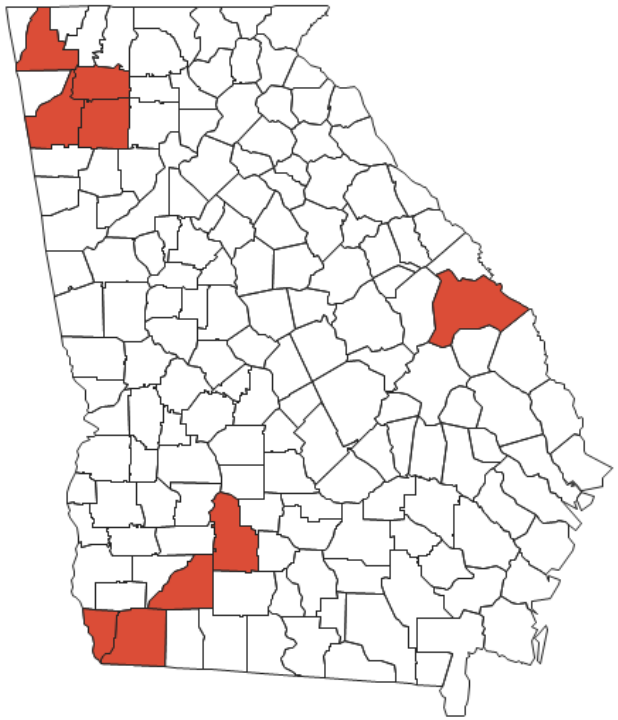
Jackson

Palm Beach

Washington

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

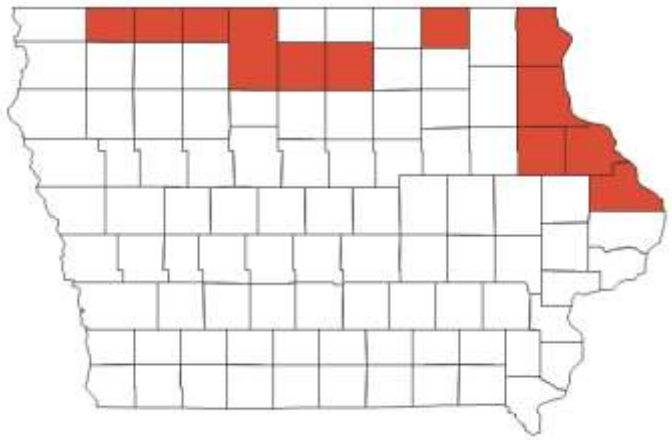


GEORGIA

Bartow	Seminole
Burke	Walker
Decatur	Worth
Floyd	
Gordon	
Mitchell	

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

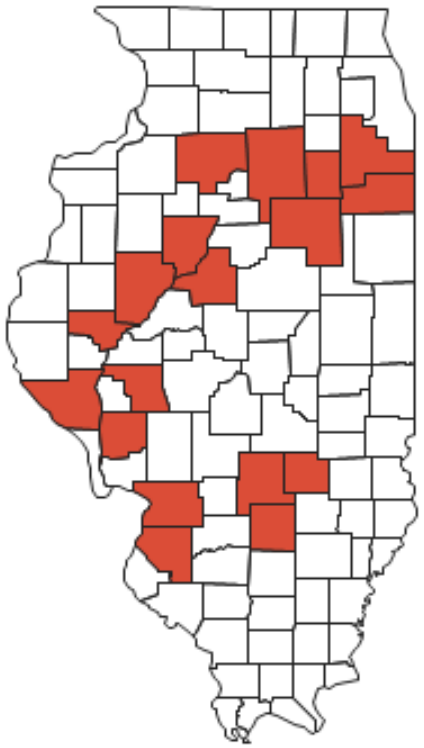


IOWA

Allamakee	Emmet
Cerro Gordo	Hancock
Clayton	Howard
Delaware	Jackson
Dickinson	Kossuth
Dubuque	Osceola

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



ILLINOIS

Bureau	LaSalle	Schuyler
Effingham	Livingston	St. Clair
Fayette	Madison	Tazewell
Fulton	Marion	Will
Greene	Morgan	
Grundy	Peoria	
Kankakee	Pike	

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COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

INDIANA

Greene

Harrison

LaGrange

Lake

Porter

Posey

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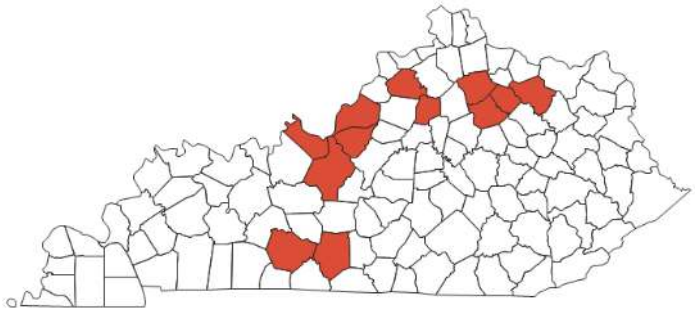
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

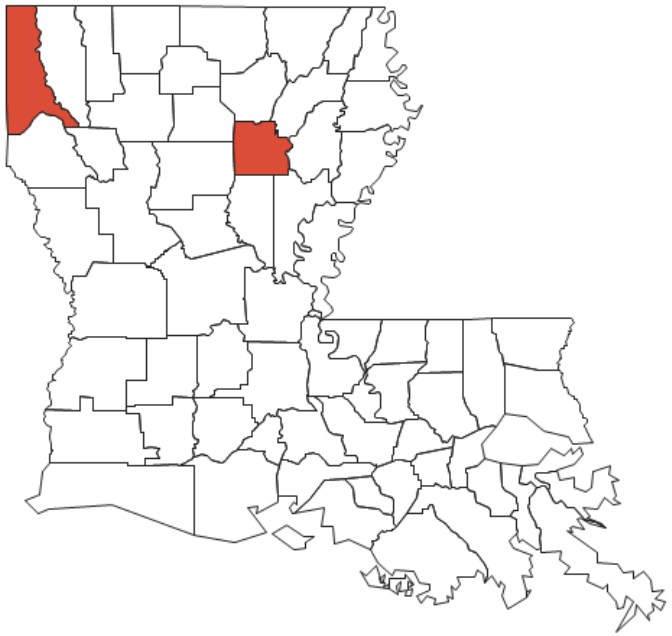


KENTUCKY

Barren	Harrison
Bourbon	Henry
Bullitt	Jefferson
Fleming	Meade
Franklin	Nicholas
Hardin	Warren

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



LOUISIANA

Caddo

Caldwell

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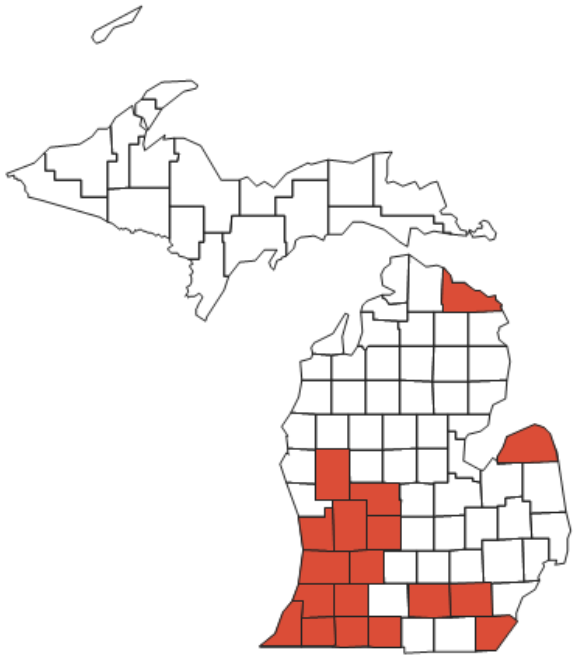
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

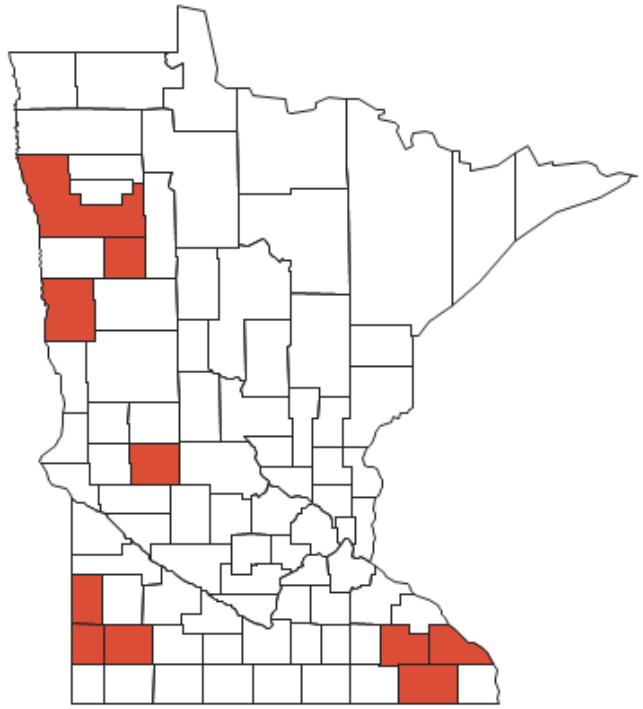


MICHIGAN

Allegan	Ionia	Newaygo
Barry	Jackson	Ottawa
Berrien	Kalamazoo	Presque Isle
Branch	Kent	St. Joseph
Cass	Monroe	Van Buren
Huron	Montcalm	Washtenaw

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



MINNESOTA

Clay	Olmsted
Fillmore	Pipestone
Lincoln	Polk
Mahnomen	Pope
Murray	Winona

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

MISSOURI

Cape Girardeau	Jasper
Dade	Lawrence
Dunklin	Lincoln
Franklin	Pike
Henry	St. Clair

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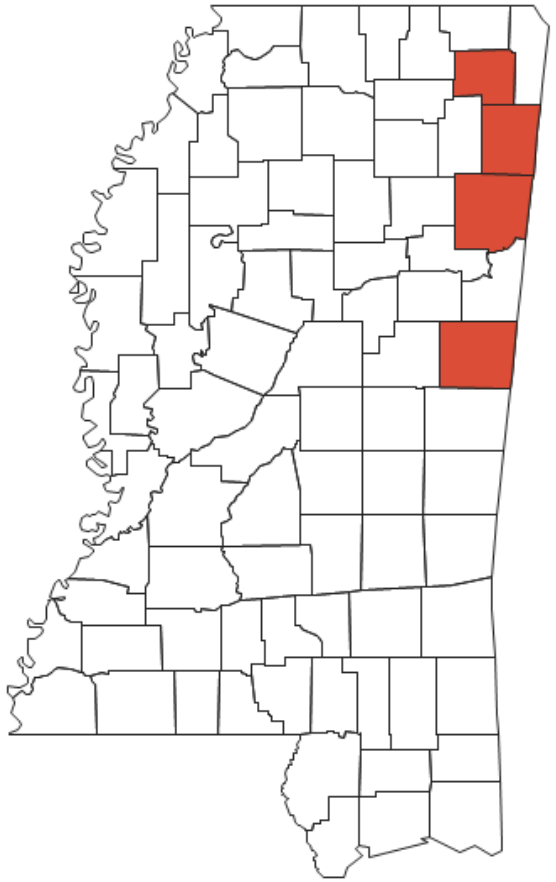
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



MISSISSIPPI

Itawamba

Monroe

Noxubee

Prentiss

* = current as of December, 2020

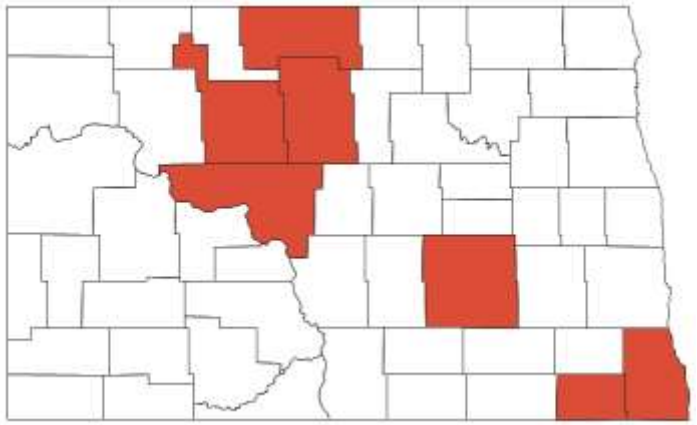
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

NORTH CAROLINA

Alexander	Caldwell	Franklin	Iredell	Pender	Stokes
Anson	Catawba	Gaston	Johnston	Randolph	Surry
Beaufort	Cleveland	Granville	Lenoir	Robeson	Union
Bladen	Columbus	Guilford	Lincoln	Rockingham	Wake
Brunswick	Craven	Hamett	McDowell	Rowan	Wilson
Buncombe	Cumberland	Henderson	Nash	Rutherford	
Burke	Davidson	Hoke	Onslow	Sampson	
Cabarrus	Forsyth	Hyde	Orange	Stanly	

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



NORTH DAKOTA

Bottineau

McHenry

McLean

Richland

Sargent

Stutsman

Ward

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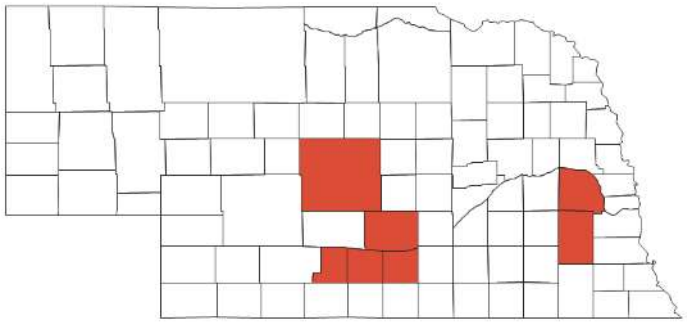
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



NEBRASKA

Buffalo	Lancaster
Custer	Phelps
Gosper	Saunders
Kearney	

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

NEW JERSEY

Salem

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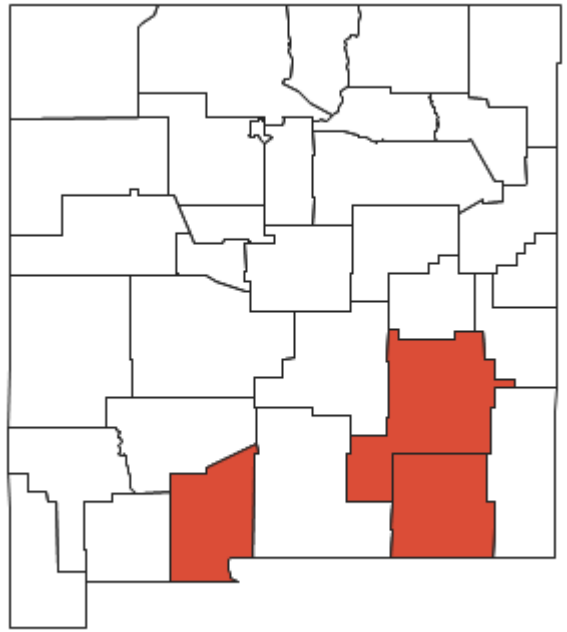
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



NEW MEXICO

Chaves

Doña Ana

Eddy

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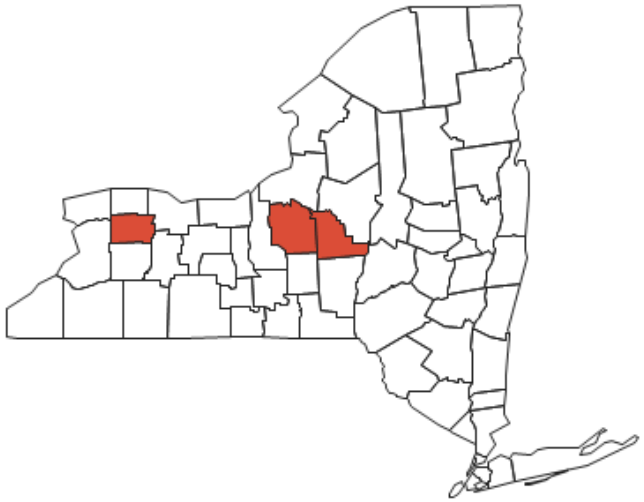
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



NEW YORK

Genesee

Madison

Onondaga

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

OHIO

Erie

Ottawa

Portage

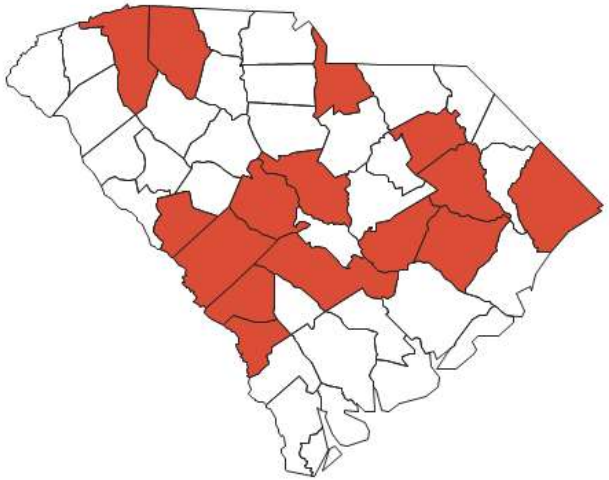
* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

OKLAHOMA

Osage

* = current as of December, 2020



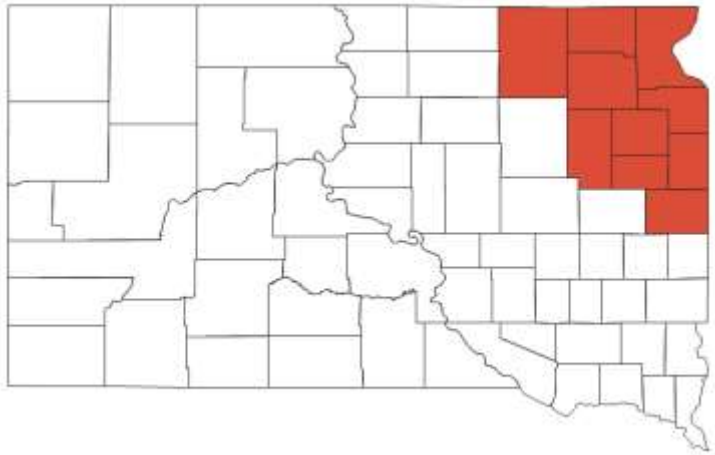
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

SOUTH CAROLINA

Aiken	Edgefield	Lexington
Allendale	Florence	Orangeburg
Barnwell	Greenville	Richland
Clarendon	Horry	Spartanburg
Darlington	Lancaster	Williamsburg

* = current as of December, 2020

COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



SOUTH DAKOTA

Brookings	Deuel
Brown	Grant
Clark	Hamlin
Codington	Marshall
Day	Roberts

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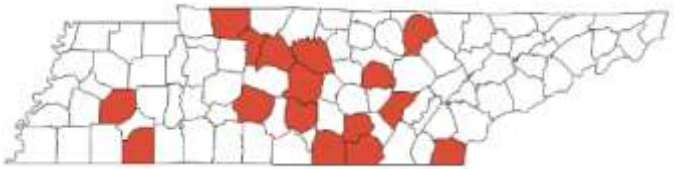
COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*



TENNESSEE

Bedford	Grundy	Polk
Bledsoe	Madison	Rutherford
Cheatham	Marion	White
Davidson	Maury	Wilson
Fentress	McNairy	
Franklin	Montgomery	

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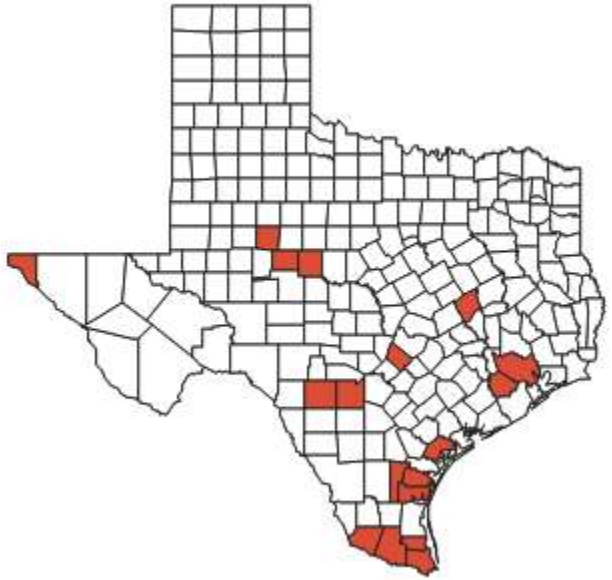

TEXAS

Cameron	Hays	Mitchell	Starr
Coke	Hidalgo	Nueces	Uvalde
El Paso	Jim Wells	Refugio	Willacy
Fort Bend	Kleberg	Robertson	
Harris	Medina	Runnels	

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COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

VIRGINIA

Dinwiddie

Mecklenburg

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COUNTIES IMPACTED BY ENDANGERED SPECIES REQUIREMENT*

WISCONSIN

Adams	Eau Claire	Monroe	St. Croix
Barron	Grant	Oconto	Vernon
Chippewa	Green Lake	Portage	Waupaca
Clark	Jackson	Richland	Waushara
Columbia	Juneau	Sauk	Wood
Dane	Manitowoc	Shawano	
Dunn	Marquette	Sheboygan	

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