

What is Dicamba?



Dicamba is a herbicide that has been used for over 50 years by farmers and homeowners alike to control weeds. Farmers need multiple tools to help manage weeds that reduce water, sunlight and nutrient availability for healthy crops.

How do we know herbicides are safe to use?

Herbicides, including dicamba, undergo comprehensive safety assessments by regulatory authorities, such as the U.S. Environmental Protection Agency (EPA) and European Food Safety Authority (EFSA), as well as independent researchers and other experts around the world. In the U.S., the EPA requires pesticides to undergo more than 100 safety studies before they are approved.

Do farmers just use herbicides to control weeds?

There's no single solution when it comes to crop protection. Herbicides are one tool farmers can use to complement other common and effective practices, such as cover crops, tillage, crop rotation and proper timing of planting. Use of herbicides can allow farmers to adopt conservation tillage practices that help minimize soil disturbance, which can reduce soil erosion and greenhouse gas emissions.

How do dicamba herbicides help weed control?

Dicamba has been used for decades on farms, gardens and lawns. Dicamba is specific to broadleaf weeds (dandelions, poison ivy, pigweed, lambsquarters, etc.). Read the label for updated weed lists. Applying dicamba in the field and using other weed control approaches will help minimize the potential for selection of herbicide resistance.

How do you apply dicamba herbicides?

The pesticide product label contains required information regarding the proper application of the product. The pesticide label is the law. Pesticides work best when the right product is applied in the right place, at the right time and in the right amount.

How do the label requirements help keep dicamba applications on-target?

EPA approved the use of specific dicamba products^a for in-crop application on dicamba-tolerant cotton and soybeans in November 2016. As part of the registration, these approved products are classified as Restricted Use Pesticides and annual training is required before a person can legally apply or purchase the product. Furthermore, these approved products are available for retail sale to and use by Certified Applicators. In addition, approved product labels provide instructions with specific application requirements that will help keep dicamba on its intended targets during application (e.g. nozzle type, wind speed, boom height, in-field buffers, application speed, etc.). Following label requirements will help ensure on-target applications. Consult with your local agricultural consultant, extension agent, or Bayer representative for recommendations on how to reduce off-target movement.

^a Du Pont's FeXapan® Plus VaporGrip® Technology, BASF's Engenia® Herbicide, and Bayer's XtendiMax® with VaporGrip® Technology are restricted use pesticides.

Restricted Use Pesticide

Application requirements for XtendiMax[®] herbicide with VaporGrip[®] Technology, a restricted use pesticide, are intended to help maximize weed control with on-target applications and minimize the potential of off-target movement.

APPLICATOR PREPARATION

// MANDATORY TRAINING & CERTIFICATION

Only applicators who are certified and have completed dicamba or auxin-specific training may apply.

// APPLICATION TIMING

Applications must occur between one hour after sunrise and two hours before sunset. (DO NOT spray during an INVERSION.)

// RECORD KEEPING

Certified applicator MUST fill out records within 72 hours of spraying and keep them for a period of 2 years.

// SENSITIVE CROPS

Do not apply when wind is blowing toward adjacent sensitive crops.

// ENDANGERED SPECIES CONCERNS

Additional protection measures are required in specific counties where endangered species may exist. Visit EPA.gov/Endangered-Species or call 1-844-447-3813 for more information.

// DOWNWIND BUFFER

Maintain the required label buffer. (Minimum 110 ft buffer at 22 fl oz/A rate.)

SPRAYER SETUP

□ SPRAY VOLUME

Apply in a minimum of 15 gallons of spray solution per acre.

□ GROUND SPEED

Do not exceed 15 mph ground speed.

□ SPRAY BOOM HEIGHT

Do not exceed a boom height of 24 inches above target pest or crop canopy.

□ WIND SPEED

Apply when wind speed, measured at boom height, is between 3 and 10 mph. (DO NOT spray during an INVERSION.)

□ SPRAY SYSTEM EQUIPMENT CLEANOUT

Ensure that entire sprayer system is properly cleaned before AND after using this product to avoid potential contamination.

NOZZLES & TANK MIXES

□ NOZZLES

Use only approved nozzles within specified pressure.

□ TANK-MIX PARTNERS

Use only approved tank-mix partners. Ammonium sulfate and ammonium-based additives are prohibited in applications that include XtendiMax with VaporGrip Technology.

Visit XtendiMaxApplicationRequirements.com for approved tank-mix partners, nozzles and label.

APPLICATION RATES*

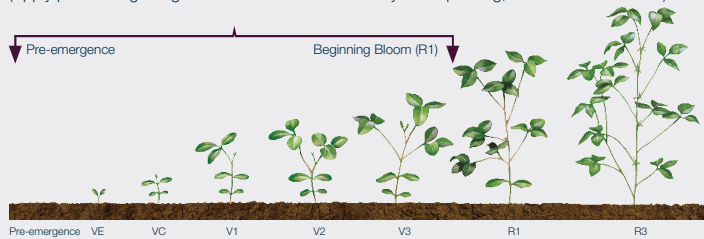
COMBINED TOTAL PER YEAR FOR ALL APPLICATIONS	88 FLUID OUNCES PER ACRE
TOTAL OF ALL BURNDOWN/EARLY PREPLANT, PREPLANT, AT PLANTING, AND PRE-EMERGENCE APPLICATIONS	44 FLUID OUNCES PER ACRE
TOTAL OF ALL POSTEMERGENCE (IN-CROP) APPLICATIONS	44 FLUID OUNCES PER ACRE
MAXIMUM POSTEMERGENCE (IN-CROP), SINGLE APPLICATION	22 FLUID OUNCES PER ACRE

* These rates are for Roundup Ready 2 Xtend[®] soybeans and cotton with XtendFlex[®] Technology

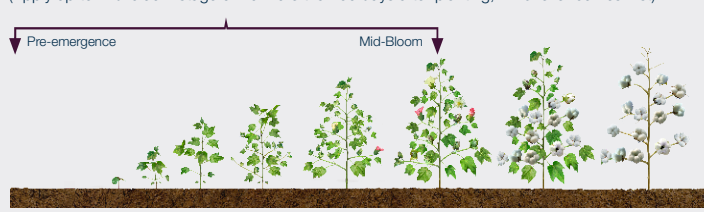
THIS SUMMARY IS NOT A SUBSTITUTE FOR READING AND FOLLOWING ALL PRODUCT LABELING.

APPLICATION WINDOW FOR ROUNDUP READY[®] XTEND CROP SYSTEM**

XtendiMax[®] herbicide with VaporGrip[®] Technology Application Window in Soybeans
(Apply prior to beginning bloom or no more than 45 days after planting, whichever comes first)



XtendiMax[®] herbicide with VaporGrip[®] Technology Application Window in Cotton
(Apply up to mid-bloom stage or no more than 60 days after planting, whichever comes first)



** For any other use of XtendiMax[®] herbicide with VaporGrip[®] Technology please refer to product label at XtendiMaxApplicationRequirements.com

FOR PRODUCT QUESTIONS OR INQUIRIES AND/OR TO REPORT ANY NON-PERFORMANCE OF THIS PRODUCT AGAINST ANY PARTICULAR WEED SPECIES, CALL 1-844-RRXTEND

XtendiMax[®] herbicide with VaporGrip[®] Technology is part of the Roundup Ready[®] Xtend Crop System and is a restricted use pesticide. ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. XtendiMax[®] herbicide with VaporGrip[®] Technology, Roundup Ready 2 Xtend[®] soybeans and products with XtendFlex[®] Technology may not be approved in all states and may be subject to use restrictions in some states. Check with your local product dealer or representative

or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state. For approved tank-mix products and nozzles visit XtendiMaxApplicationRequirements.com. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Bayer, Bayer Cross Design, Roundup Ready[®], VaporGrip[®], XtendFlex[®] and XtendiMax[®] are registered trademarks of Bayer Group. All other trademarks are the property of their respective owners. ©2019 Bayer Group. All Rights Reserved.

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Page 2 of 2