

APPROVED FORMULATIONS OF DICAMBA ON ROUNDUP READY XTEND CROPS

AS OF NOVEMBER 2018

The following formulations of dicamba are approved for use in the Roundup Ready[®] Xtend Crop System

- Engenia[®] Herbicide (**BASF**)
- DuPont[™] FeXapan[™] herbicide Plus VaporGrip[®] Technology (**Corteva**)
- XtendiMax[®] herbicide with VaporGrip[®] Technology (**Monsanto**)

These products are Restricted Use Pesticides for retail sale to and use **only by Certified Applicators** and only for those uses covered by the Certified Applicator's certification.

These labels are valid for two years, expiring 12/20/2020.



RECORD KEEPING

REQUIREMENTS

Record keeping is 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** (3 days) after application.

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

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



RECORD KEEPING

REQUIREMENTS FOR RUP*

Records per federal recordkeeping requirements as specified by 7 CFR Part 110:

- Product name and EPA registration number
- Amount applied
- Date of application and location
- Crop
- Size of treated area
- Certified applicator and license number



RECORD KEEPING

ADDITIONAL REQUIREMENTS FOR DICAMBA

- Training is required annually
- Training – Date, provider of required dicamba training and proof of completion

CONFIRM AND DOCUMENT ADJACENT CROPS



Confirm adjacent crops

Preseason consult with neighboring growers on all sides

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

Follow-up prior to application to capture any changes in intentions

Record that a sensitive crop registry was consulted AND survey adjacent fields documenting the crops/areas surrounding the field prior to application



*Registry examples; consult your state authority for other crop registries.



RECORD KEEPING

ADDITIONAL REQUIREMENTS FOR
DICAMBA

RECEIPTS OF PURCHASE

CROP PLANTING DATE

SENSITIVE CROP AWARENESS

Name of
Sensitive Crop
Registry and
Date Consulted

AND

Survey and Document
Adjacent Crops/Areas
with Date Completed

BUFFER DISTANCE CALCULATIONS

RECORD KEEPING

ADDITIONAL REQUIREMENTS FOR DICAMBA



- Start and finish of each application
- Application timing (preemergence, post emergence) and number of days after planting
- Weather at start and completion of application
- Nozzle tip utilized and pressure
- Tank mix products
- Spray tank cleanout before and after

Wind speed measured at boom height with an anemometer.

APPLICATIONS OF IN-CROP DICAMBA PRODUCTS

WEED RESISTANCE MANAGEMENT

When a grower observes lack of control of weed species that should have been controlled by herbicide application

Check specific product label for contact information or consult local retailers. Report any incidence of non-performance of this product against a particular weed species to the retailer or company representative.

XtendiMax

1-844-RRXTEND

roundupreadyxtend.com

FeXapan

800-258-3033

www.corteva.us > Contact Us form

Engenia

engeniaquestions.com

*Above subject to change with new labels

REPORTING

WEED RESISTANCE MANAGEMENT

- If any grower informs the company of a lack of herbicide efficacy, then a representative of the company must make an effort to evaluate the field for “likely resistance”
- For each grower, the company must continue to provide stewardship about resistance management throughout their use of this product. If resistance to dicamba is confirmed in a specific state for a specific weed species, then the company must immediately report such confirmation to EPA and need no longer investigate reports of lack of herbicide efficacy.
- Keep records of all field evaluations for “likely resistance” for a period of 3 years.
- If one or more of the Norsworthy criteria are met, then for a weed species not already confirmed to be resistant to dicamba in that specific state:
 - Provide the grower with specific information and recommendations to control and contain likely resistant weeds
 - Grower must provide access to the relevant field(s) to collect specimens of the likely resistant weeds
 - Commence greenhouse or laboratory studies to confirm resistance

2019 ENHANCED REPORTING


WEED RESISTANCE



- **Information**, other than personally identifiable information, **received by telephone or in writing** regarding reports **of dicamba-resistant weeds**, and cases of weed control failure and/or suspected resistance should be forwarded to EPA **regardless of which dicamba product may have been used** and/or whether or not the alleged resistance occurred after an application made according to label directions.



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.

2019 ENHANCED REPORTING

OFF TARGET MOVEMENT

- Information, other than personally identifiable information, received by telephone or in writing regarding potential damage to non-target vegetation from use of dicamba during the 2019 and 2020 growing seasons regardless of any determination that the incident resulted from misuse (intentional or accidental) should be forwarded to EPA regardless of which dicamba product may have been used and/or whether or not the alleged damage resulted from a product being used according to label directions.
- Data should be organized by product and state and should include available information regarding acreage involved, plant species involved, severity of damage, and similar information received.
- Information must be submitted with cumulative totals and be submitted monthly, beginning March 1, 2019.

ANNUAL REPORT

- Annual sales of herbicide and traited seed by state
- Current education program and associated materials
- Summary of efforts aimed at achieving implementation of herbicide resistance management BMP's
- Summary of determinations as to whether any reported lack of herbicide efficacy was “likely resistance,” and follow-up actions taken – by county and state.
- Results of the annual grower survey
- Summary of the status of any laboratory and greenhouse testing performed by, or at the direction of said company following up on incidents of “likely resistance”.

QUESTIONS?

