

# 2019 Auxin Specific Applicator Training

## Requirements summary for use of approved dicamba and 2,4-D herbicides

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The revised dicamba labels (Engenia, Fexapan, Tavium and Xtendimax) state that only certified applicators may apply these herbicides. Tavium® Plus VaporGrip® Technology, a premix with s-metolachlor, received a Federal 3 label and is the fourth approved dicamba for use in dicamba-tolerant cotton. These dicamba products are Restricted Use Pesticides (RUP) in addition to being State Limited Use (SLU) and require Auxin Specific Applicator Training annually prior to use. In addition, TDA has added 2,4-D Choline formulations (Enlist Duo® and Enlist One™) for use on 2,4-D tolerant crops to be included in these mandatory Auxin trainings. These 2,4-D herbicides are SLU pesticides, and they can be sold to and used only by certified applicators or those working under the supervision of a certified applicator. Annual training is also required prior to their use.

This handout contains resources for product, EPA and TDA websites, along with a summary of the application requirements for use of these products. This is not a substitution for completing the certified applicator training or the 2019 Auxin Specific Applicator training. Always read and follow the pesticide label.

### Website Resources

#### **Product websites for application requirements, approved nozzles or approved tank-mixes**

- Engenia® herbicide: [www.engeniastewardship.com](http://www.engeniastewardship.com)
- Xtendimax® herbicide: [www.xtendimaxapplicationrequirements.com](http://www.xtendimaxapplicationrequirements.com)
- FeXapan® herbicide: [www.fexapanapplicationrequirements.dupont.com](http://www.fexapanapplicationrequirements.dupont.com)
- Tavium® herbicide: [www.Taviumtankmix.com](http://www.Taviumtankmix.com)
- Enlist One™ / Enlist Duo®: [www.enlisttankmix.com](http://www.enlisttankmix.com)

#### **EPA Contact information about dicamba use restrictions for corresponding endangered species**

- EPA Endangered Species Website: [www.epa.gov/espp](http://www.epa.gov/espp)
- EPA phone number: 1-844-447-3813

#### **Texas Department of Ag website for approved 24c labels:**

<https://www.texasagriculture.gov/RegulatoryPrograms/Pesticides/Section18Exemptions/24cSpecialLocalNeeds.aspx>

**24c Labels for Engenia, Xtendimax, and FeXapan** are approved and available for use.

- You must have the original full label and the 24c label in hand to make applications under the modified restrictions
  - Allows applications to be made between sunrise and sunset as long as no inversion conditions exist.
  - Allows applications to cotton up to 90 days after planting or until mid-bloom.
- These 24c labels expire on 12/20/2020 and must not be used or distributed after this date.

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## Application Requirement Summary for approved dicamba and 2,4-D herbicides

	Dicamba <sup>1</sup>	Enlist <sup>2</sup>
<b>Training</b>	Complete annual auxin-specific training	
<b>Use Approved Formulations ONLY</b>		
<b>Nozzle</b>	Go to herbicide website <sup>1</sup> or label <sup>2</sup> for list of approved nozzles and pressures	
<b>Wind Speed</b>	3 to 10 mph	
<b>Tank Mixtures/ Additives</b>	Go to herbicide website for updated list	
	NO ammonium salts or acidifying water conditioners (AMS or UAN)	No restrictions for using AMS
<b>Ground Speed</b>	< 15 mph	< 15 mph recommended
<b>Boom Height</b>	< 24 inches to spray target	Consult nozzle manufacturer < 24 inches recommended
<b>Application Volume</b>	15 GPA minimum	10-15 GPA minimum
<b>Sensitive<sup>1</sup> / Susceptible<sup>2</sup> Crops and Residential Areas</b>	<b>DO NOT</b> spray if wind is blowing toward neighboring sensitive <sup>1</sup> /susceptible <sup>2</sup> crops or residential areas <sup>1</sup>	
	Includes non-dicamba tolerant soybeans	Includes non-enlist cotton
<b>Sensitive Areas</b>	110' downwind buffer to non-residential, uncultivated areas or bodies of water. 57' omni-directional buffer in <b>EPA endangered species counties</b> .	30' downwind buffer to wooded areas, pasture, lawns, roadside ditch
<b>Timing (whichever comes first)</b>	Soybeans: Up to 45 DAP or beginning bloom Cotton: Up to 60 (or 90 <sup>3</sup> ) DAP or mid-bloom	Cotton: up to mid-bloom
<b>Weed Height</b>	4 inches or less for best performance	4-6 inches
<b>Sprayer Cleanout</b>	Triple rinse – use detergent based cleaner before & after application	
<b>Temperature Inversions</b>	<b>DO NOT</b> apply during a field level temperature inversion	
<b>Daytime Applications</b>	Only apply one hour after sunrise until two hours before sunset (or sunrise to sunset <sup>3</sup> )	<b>DO NOT</b> apply during a field level temp. inversion
<b>Rainfall</b>	DO NOT apply w/in 24 hrs of expected rainfall – runoff potential	Don't allow runoff
<b>Record Keeping</b>	Follow federal label requirements: application parameters, tank cleanout, planting date, and buffer zone determination. Create within 72 hrs.	Follow TX Dept of Ag Requirements
<b>No Aerial Applications</b>		
<sup>1</sup> Note is specific to dicamba products only		<sup>3</sup> Note is specific to Engenia and Xtendimax 24c Labels only
<sup>2</sup> Note is specific to 2,4-D products only		see the Texas Department of Ag website for 24c Label information

### ALWAYS READ AND FOLLOW LABELING FOR PRODUCT BEING APPLIED

The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the Texas A&M Agrilife Extension Service is implied.